ISDM Independent Skill Development Mission NXT

EMPOWERING FUTURES,
SHAPING TOMORROW

★ AI-INTEGRATED COURSE

# NXT CERTIFIED ANDROID DEVELOPER

**Launch your career as a skilled Android Developer!**

**Duration:** 6 Month | **Certificate** · Advanced | **Eligibility:** Basic knowledge of programming concepts. A passion for mobil

## OVERVIEW OF THE COURSE

The NxT Certified Android Developer course is designed to equip you with the essential skills and knowledge required to become a proficient Android developer. Over a duration of 6 months, you will engage in hands-on learning, real-world projects, and in-depth tutorials that cover the Android ecosystem. Learn Android app developm...

- Hands-on learning with real-world projects
- Master Java and Kotlin programming languages
- Build user-friendly mobile applications
- Explore advanced topics like Firebase
- Learn from industry experts




| 6 Month | 10 | 4 | 13 |
|---|---|---|---|
| DURATION | SUBJECTS | PROJECTS | TOOLS |

**JOIN NOW →** **WhatsApp us**

WE ARE AVAILABLE AT
**600+ LOCATIONS**

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
**Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE**

**Start free →**

YOUR NEAREST ISDM NxT CENTRE

**Puthu Trend Institute**
242/6 Main Road, Cholapuram South, Opposite to Indian Oil Petrol Station, Rajapalayam Tk, Virudhunagar District, Tamilnadu 626139, Tamil Nadu - 626139
Call / WhatsApp: **9360180110** · puthutrend@gmail.com

Scan to enquire

COURSE CURRICULUM

# What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

## 01 Subjects & modules

8 subjects with the topics you will learn

### 01 Introduction to Android Development & Programming Basics

- Android OS And Market Trends
- Android Studio And Emulator Setup
- Android Project Structure And Gradle
- Variables Data Types And Operators
- Control Flow And Loops
- Functions And Methods
- Java Classes Objects And Constructors

### 02 UIUX Design in Android

- Android Layout Types
- UI Components And Inputs
- ListView And RecyclerView
- Adapters And ViewHolder Patterns
- Material Design Components And Guidelines
- Styles Themes And Drawable Customization
- Animations And Motion Transitions

### 03 Activity, Fragments & Navigation

- Activity Lifecycle And State Management
- Passing Data Between Activities
- Fragment Lifecycle And Transactions
- Bottom And Drawer Navigation
- Alerts, Snackbars, And Dialog Fragments
- Deep Linking And Navigation Graphs

### 04 Data Storage – SQLite, Room, Firebase

- Android Local Storage Options
- SharedPreferences And Key-Value Storage
- Internal And External File Storage
- SQLite Database And CRUD Operations
- Room Entities, DAOs, And LiveData
- Firebase Realtime Database And Firestore
- Firebase Authentication And Cloud App Integration

### 05 Networking & APIs – RESTful APIs & JSON

- API Fundamentals And Workflows
- API Types And REST Vs SOAP
- HTTP Methods, Requests, And JSON
- API Authentication, Limits, And Errors
- Retrofit Setup And API Requests
- Fetching And Displaying API Data
- Firebase Push Notifications

### 06 Advanced Android Development

- Background Processing With AsyncTask And Coroutines
- Background Task Scheduling With WorkManager And JobScheduler
- Dependency Injection Concepts And Benefits
- Dagger And Hilt Integration
- Location Tracking And Permission Handling
- Google Maps Integration And Directions
- Geolocation-Based Weather App Development

### 07 Testing, Debugging & Deployment

- Android Debugging With Logcat
- Breakpoints, Network, And Memory Debugging
- Profiling And Performance Optimization
- JUnit And Espresso Testing
- Test-Driven Development And Mockito
- Release Builds And App Signing
- Google Play Publishing And Monetization

### 08 Capstone Project & Career Opportunities

- Selecting An Android App Project
- Building A Complete Android App
- Resume And Interview Preparation
- Showcasing Apps On GitHub And Play Store
- Freelancing And Startup Opportunities
- Presenting And Submitting The Final Project

## 02 Projects & assignments

Hands-on work for your portfolio

**P1** Create a personal finance management app.

**P2** Develop a social media application with user authentication.

**P3** Build a weather forecasting app using RESTful APIs.

**P4** Implement a to-do list application with local storage.

## 03 Tools & software you will master

4 industry tools

- Android Studio
- Java
- Kotlin
- SQLite

## 04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

### AI Fundamentals & Prompt Engineering

- **AI Basics and Everyday Uses**
- **Generative AI: How It Works**
- **Prompt Engineering Foundations**
- **AI for Study and Workplace Tasks**
- **Fact-Checking and Reliable Research**
- **Privacy, Safety and Responsible Use**
- **Integrated Practice and Review**

AI SUBJECT

### AI for Programming & Web Development

- **AI Pair Programming Setup: VS Code and GitHub Copilot**
  GitHub Copilot in VS Code: Sign in, use inline suggestions and Chat, then try agent mode o
- **AI-Assisted Front-End Development**
  GitHub Copilot in VS Code: Use inline suggestions and Chat while building and refining a r
- **Python Coding and AI Agents in the Editor and Terminal**
  Claude Code in Terminal and project files: Install or access it using the current official
- **GitHub Team Workflow and AI Code Review**
  GitHub Copilot code review in GitHub pull requests: Request a review on a practice pull re
- **Calling AI APIs from Your Own App**
  OpenAI API in A local app or server-side project: Create an API key with available account
- **AI-Assisted Testing, Debugging and Documentation**
  GitHub Copilot Chat in VS Code: Use project context to suggest tests or explain a failure,
- **AI-Assisted Deployment and Final Project**
  GitHub Copilot in VS Code: Ask for help preparing or explaining deployment files, then rev

AI TOOLS YOU WILL USE

- CH ChatGPT
- Google Gemini
- GitHub Copilot
- VS Code
- GitHub
- Claude
- MC Microsoft Copilot
- Perplexity
- NotebookLM

CAREER OPPORTUNITIES

# Where this course can take you

**Android Developer**
Fresher salary: ₹3.0-4.5 LPA*

**Mobile Application Developer**
Fresher salary: ₹3.2-4.8 LPA*

**Software Engineer**
Fresher salary: ₹3.5-5.0 LPA*

**Freelance Android Developer**
Fresher salary: ₹2.5-4.0 LPA*

**Technical Consultant**
Fresher salary: ₹3.8-5.5 LPA*

### Freelancing & own business

- Develop custom Android apps for clients
- Create and sell apps on app stores
- Offer app maintenance and updates
- Provide consulting services for mobile solutions

### Industries that hire

- Information Technology
- Mobile App Development
- E-commerce
- Gaming
- Education Technology

### Grow further

- Advanced Mobile App Development
- iOS Developer Certification
- Full Stack Development Course
- Cloud Computing Essentials

## Certification

Upon successful completion, you'll receive an ISDM NxT certificate that showcases your skills in Android development.

**Practical AI-integrated project** **Final online test** **Verifiable certificate**

JOB SUPPORT

# How we help you get a job

**1**
Personalized resume building assistance

**2**
Mock interviews with industry experts

**3**
Access to job offers through the dashboard

**4**
Guidance on job applications and follow-ups

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

WHY START NOW

# Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

| 18+ | 600+ | 2,708+ | 390+ |
|---|---|---|---|
| Years of training experience | Centres across India | Job offers to our students | Hiring companies |

## UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

## Latest job offers to ISDM NxT students

Updated 20 Nov 2026



**Gaurav M.**
India
**Java Software Development Engineer**
Health Catalyst



**Geeta K.**
New Delhi
**tellecaller for digital marketing**
balajimarketingexperts



**Anand S.**
Muvattupuzha
**Hiring Junior Account Executive J...**
CorpZop



**Adarsh S.**
Ghugus
**TGT Computer Science**
Adani Foundation



**Priyanka Y.**
Mumbai
**Data Entry Operator (Full-time) -...**
CorpZop



**Rajan S.**
Ahilyanagar
**Computer Trainer**
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 30 NOV 2026

## FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

# Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

YOUR ISDM NxT CENTRE

## Puthu Trend Institute

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Scan for course details & enquiry

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## Choose the Best Course for You

Try our AI-Powered Career Counselling for FREE - answer a few questions and get the courses that fit your interests, skills and career goal.

**Try it FREE →**
isdmnext.in/course-for-you

**01**
### Counselling
Free guidance to pick the right course

**02**
### Training
Practical classes, labs and projects

**03**
### Mentoring
Experts, AI trainer and feedback

**04**
### Placement support
Resume, interviews and job offers

### What you get with this course

- Comprehensive study material
- Practical lab sessions
- Live project experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation resources
- Job offers in student dashboard
- Certification upon completion

ISDM NxT Head Office: 309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022 · +916263625594 · inquiry@gmail.com

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in