



# Java with Android App Development

**2 Weeks / 40 hours Job Oriented Skill Development Program**

## **Summer Internship & Training Program**

[Delhi NCR – Varanasi – Bengaluru]

**Project Address**

EISYSTEMS SERVICES  
FF-113, Express Greens Plaza  
Sector 1, Vaishali, Delhi (NCR) -201011 -India

(P) +91 120 4130111  
(E) [sitp@eisystems.in](mailto:sitp@eisystems.in)  
(W) [www.sitp.eisystems.in](http://www.sitp.eisystems.in)

## About EISystems

EISystems Services is a leading Indian technology identity with operations in 16 states and union territories of India. EISystems (We call it EISys) offers computer forensics, automobiles, robotics and socialmedia related solutions for enterprises and student community. Our retail domain "Robokwik" have been in among top self learning products provider brands in India. We have trained about 70000 students and impacted around 2 lakhs students through our various outreach initiatives since our founding.

## Our Clientale

Some of the colleges where we had already felt our presence are given below:-

Indian Institute of Science, Bangalore  
Indian Institute of Technology, Bombay  
Indian Institute of Technology, Delhi  
Indian Institute of Technology, Madras  
Indian Institute of Technology, Kanpur  
Indian Institute of Technology, Roorkee  
Indian Institute of Technology, Guwahati  
Indian Institute of Technology (Banaras Hindu University), Varanasi  
Indian Institute of Technology, Indore  
Indian Institute of Technology, Jodhpur  
Indian Institute of Technology, Hyderabad

National Institute of Technology, Tiruchirappalli  
National Institute of Technology, Warangal  
National Institute of Technology, Calicut  
National Institute of Technology, Patna  
National Institute of Technology, Jalandhar  
National Institute of Technology, Jaipur  
National Institute of Technology, Durgapur  
National Institute of Technology, Surat  
National Institute of Technology, Allahabad

Indian Institute of Information Technology, Allahabad  
ABV- Indian Institute of Information Technology & Management, Gwalior  
PDP- Indian Institute of Information Technology & Management, Jabalpur  
College of Engineering Guindy, Anna University, Chennai  
PSG College of Technology, Coimbatore  
JNTUH College of Engineering, Hyderabad  
SRM University and more than 100 engineering colleges across India.

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## Duration & Starting Date

### Duration

This is a 15 Days/ 40 hours program and most of the syllabus will be case study based or practical oriented.

### Starting & Ending Date

Batch is most likely to start from **5 June 2017** and end on **21 June 2017** likely.

The exact dates may subject to local technical university end semester examination schedule.

## Prerequisites

Participants from 1<sup>st</sup> year/ 2<sup>nd</sup> year / 3<sup>rd</sup> year / 4<sup>th</sup> year of CSE/IT/ECE/ IT Professionals branch will get more benefited after joining this program.

## What to bring during training program?

Here's the checklist

1. Internship ID Card  
(To be issued by Eisystems Services at the time of registration)
2. A laptop with Microsoft Windows configuration.
3. Laptop Charger/ Adapter for charging purpose.
4. USB Mouse for designing purpose.
5. Notepad & Pen

## Post Training Deliverables

Every participant will get all under mentioned deliverables

1. Certificate of Internship from Eisystems Services & Technex IIT BHU Varanasi
2. Printed Booklet/Mannual on Android & Java.
3. Software Package with booklet for Laptop/Tab.
4. One free workshop with certification
5. Recommendation Letter from Eisystems Services with mentioning of project/report.

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## Fees & Discounts

We have multiple type of discounts available with us

### Category 1: Single Entry / Individual Entry

First Installment	: Rs. 1500 per participant.
Second Installment	: Rs. 5000 per participant.
<b>Total Fees</b>	<b>: Rs. 6500 per participant</b>

### Category 2: (2-3-4) Participants Group Entry

First Installment	: Rs. 990 per participant.
Second Installment	: Rs. 4760 per participant.
<b>Total Fees</b>	<b>: Rs. 5750 per participant</b>

### Category 3: (5-6-7-8) Participants Group Entry

First Installment	: Rs. 790 per participant.
Second Installment	: Rs. 4510 per participant.
<b>Total Fees</b>	<b>: Rs. 5300 per participant</b>

## How to confirm your seat?

You will be required to pay First Installment of your total fees (adjustable) to hold the seat however rest of the amount needs to be paid later as per company admission process.

## How to pay Confirmation fees?

You can pay the registration fees using undergiven modes:-

**Payment Starting: 30 March 2017**

### Online Mode

Credit Cards  
Debit Cards  
Net banking  
Ola Money  
PayTM

To pay your fees now, Visit Instant payment Portal ([Click Here](#))

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## Offline Modes

Direct Bank Deposit in Kotak Mahindra Bank

Step 1: Go to any **Kotak Mahindra Bank** near you.

Step 2: Fill the pay-in-slip with required amount and undergiven account number

Step 3: Deposit the amount in bank account, the details of it are given below:-

Bank Account Number	: 2011117760
Bank Account Name	: EISYSTEMS SERVICES
Account Type	: Current
Branch & City	: Kotak Mahindra Bank, Mathura
IFSC Code	: KKBK0000149

Step 4: Take the countersigned Pay-In-Slip from bank counter with valid seal and transaction number and write the name of participants on the back side of it.

Step 5: Scan both sides of Pay-In-Slip and send it to [sitp@eisystems.in](mailto:sitp@eisystems.in) along with information of each attendee on that payment slip like Name, Phone Number, Email Address.

Step 6: Keep this payment slip with you and we will collect it at the time of registration otherwise we may not consider your registration.

## Payment Deadlines

Payment Portal will open on : 30 March 2017

Total Number of Seats offered in first payment slot : 30

### Important Information:

We may reject your application in case of not getting of payment on time and also fees may increase depending upon company discretion if not paid in first time slot. Please read our terms and condition page for more information related to fees and payment. This is to note that fees is being charged by Eisystems Services and Technex or any body of IIT BHU or IIT BHU administration itself has no role in it.

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## Course & Content

All of the sessions will be practical oriented, so it will be really great if participant(s) can look on the syllabus which we are going to cover during training days.

### Session #1

#### Introduction to JAVA

Introduction to Programming  
Algorithms & Flowcharts  
Object Oriented Programming  
Starting with JAVA  
Basic Syntax & Practices in JAVA  
JAVA for Android Application Development

### Session #2

#### Introduction to Android Development

*What you will learn:*

1. Android Installation
2. Android Architecture
3. Android Marshmallow 6.0 – Features
4. Creating Android Hello World Project in Android Studio

### Session #3

#### Overview on Activity, Intent, Layouts and Controls

*What you will learn:*

1. Android Activity Lifecycle
2. Intents
3. Pass and launch Activities
4. Process of saving data using ActionBar
1. Define Layout and List Various Menu
5. Input Controls, Dialogs, Toast Messages and Settings.

### Session #4

#### Services and Broadcast Receivers

*What you will learn:*

1. Different types of Service
2. Bound Service
3. Demonstration to create Bound Service
4. Lifecycle of Bound Service
5. BroadcastReceiver with Demonstration

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## **Session #5**

### **UI and Fragments**

*What you will learn:*

1. Fragment in Android Application
2. Dynamic UI with Fragments
3. Manage Task and Back Stack

## **Session #6**

### **Content Providers**

*What you will learn:*

1. Basic of Content Providers
2. Process of creating content Provider
3. Calendars and ContactProvider

## **Session #7**

### **Locations and Sensors**

*What you will learn:*

1. Learn to retrieve current location
2. Apply Map with Location
3. Sensors and list the different types

## **Session #8**

### **Multimedia : Audio, Video and Camera**

*What you will learn:*

1. Explain Media Playback and Media Router
2. Camera Features for Android Application

## **Session #9**

### **Introduction to Google Play**

*What you will learn:*

1. Google Play and norms to upload your application
2. Checklist to upload your application in Google Play

## **Session #10**

### **Network Operations**

*What you will learn:*

1. Connecting to Network
2. Managing Network Usage
3. Parsing XML data

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### **Session #11**

#### **Volley for Network Data Interaction**

*What you will learn:*

1. Sending Simple request
2. Setting up request queues
3. Making Standard Request
4. Implementing custom requests

### **Session #12**

#### **Fabric Plugins for Twitter and Digits Login**

*What you will learn:*

1. Integrating Twitter Login Button
2. Integrating Digits Button for Mobile Verification
3. Building Crashlytics Reports
4. Monetizing your application with MoPub

### **Session #13**

#### **Best Practices for User Interfaces**

*What you will learn:*

1. Integrating Twitter Login Button
2. Integrating Digits Button for Mobile Verification
3. Building Crashlytics Reports
4. Monetizing your application with MoPub

### **Session #14**

#### **Creating Wearable Apps**

*What you will learn:*

1. Creating and executing Wearable App
2. Ergonomics and Design Principal of Android Wear

#### **Custom UI for Wearable Apps**

*What you will learn:*

1. Creating Custom UI
2. Defining Layout
3. Creating Cards
4. Creating Lists
5. Showing confirmation
6. Exiting full Screens

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### **Session #15**

#### **Wearable Features**

*What you will learn:*

1. Adding Wearable features to Notification
2. Creating Wearable Apps

#### **Data Syncing**

*What you will learn:*

1. Integrating Twitter Login Button
2. Integrating Digits Button for Mobile Verification
3. Building Crashlytics Reports
4. Monetizing your application with MoPub

### **Session #16**

#### **Watch Faces**

*What you will learn:*

1. Design Watch Faces
2. Building a Watch face services
3. Drawing Watch Faces
4. Showing Information in Faces
5. Creating Interactive watch faces
6. Battery Optimization

#### **Location aware Wearable Apps**

*What you will learn:*

1. Request for Location Updates
2. Handle location disconnection and not found events

#### **Disclaimer:**

A session doesn't necessarily depict the day count or the day on which it is going to be covered, we may cover more than or lesser than one session in a day and even alter/amend the schedule by rearranging of session(s) by removing/adding anything from/to overall course.

Yes! You are right....

Its 12 Applications will be made by you in 2 Weeks.

## **Contact**

Feel free to contact us anytime:-

Phone / Whatsapp :+91 9761118111 (Payment & Course Details only)

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