1. **Title of the Course:** Mobile Application development with Android

2. **Course Mentors:**

   Ashok Kashav, Andorid and Mobile development, Sr.Faculty, SPIC Chandigarh. ashok.kashav@gmail.com, Contact No. 8427966044.

   Parminder Singh, Faculty, Andorid and Mobile development SPIC Chandigarh, Mobile No.8427066990 email. Faculty2.spic@gmail.com

   Gurcharan Singh, Andorid and Mobile development, Faculty, SPIC Chandigarh, Mobile No 8146993395, Email:- faculty1.spic@gmail.com

3. **Target Group: Graduation,**

4. **Fee Structure: 2200/-per participant**

5. **Duration of the course: 03/07/2023- 21/07/2023**

6. **Days and time of the course (Monday to Friday 10 to 1pm**

7. **Objectives:-**

   Creating robust mobile applications and learn how to integrate them with other services Creating intuitive, reliable mobile apps using the android services and components Create a seamless user interface that works with different mobile screens

8. **Learning Outcomes of the Course:**

   After completing this course students will be able to know
   1. Build enterprise level mobile applications with java on Android
   2. Understand both the basic and advanced concepts of java
   3. Understand why use Java
   4. Install and configure Android Studio
   5. Explain and use key Android programming conceptsDeploy the application on Google Play

9. **Scope**

   The Scope of android app developers has increased and will increase in the coming years in India. Big companies like Samsung, Vivo, One Plus are launching mobile phones with a new update every year, that has increased the demand for android. There will be no loss in Android App Development in the coming years. Indian app developers are cost effective.

10. Uniqueness

There are several reasons why Android programming is considered unique and different from other programming languages. Here are a few reasons:

1. Open Source Platform: Android is an open-source platform, which means that its source code is available to everyone. This makes it highly customizable and flexible for developers to modify and tailor applications according to their needs.

2. Platform Diversity: Android has a vast user base across the globe that uses different devices, screen sizes, and resolutions. Developers need to factor in these variations while developing applications, which makes designing and programming for Android diverse and complex.

3. Development Environment: Android provides a development environment that is equipped with a wide range of tools, including Android Studio, Android SDK, and many more. These tools help developers to create and test Android applications with ease.

4. Integration with Google Services: Android integrates seamlessly with various Google services, including Google Maps, Google Drive, Youtube, and more. This allows developers to create applications that can access, manipulate and use Google services to enhance the user experience.

5. Increasing Popularity: Android has become one of the most popular mobile operating systems worldwide, which has led to an increased demand for Android programmers. This popularity has created a vast community of developers who collaboratively share information and resources, making it easier for newcomers to learn and grow.
In conclusion, Android programming is unique in its design, development environment, platform diversity, and integration with Google services. These factors make it an appealing choice for many developers looking to develop applications for the Android platform
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11.Week/Day wise Plan of the Course:

Week 1	Week 2	Week 3
Introduction to Java	Overview of Android	PHP
Oops Principal	Android Application Fundamentals	MY SQL
Inheritance & Polymorphism	Basic UI Design	Android Web Services
Windows Programming	Main Building Blocks	Project Work
Event Handling	SQL Lite Programming	

Registration Link: https://forms.gle/aXuMcv5akhnSpavz7

Payment Details:

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