



OBJECTIVE

This course deals with the introduction and applications of Artificial Intelligence in different fields. AI is an emerging field which in collaboration with different technologies making the working easier and efficient. It also emphasizes the application of AI in the field of Cyber Security.

LEARNING OUTCOMES

- Develop effective Android apps.
- Apply Java programming skills.
- Design intuitive interfaces.
- Efficiently manage app data.
- Enhance user experience with multimedia.
- Optimize app performance.
- Apply testing and debugging techniques.

CONTACT US

☎ **021-48503102**
03362183960

✉ **dirpdc@pnec.nust.edu.pk**

🌐 **<https://pdc.pnec.nust.edu.pk/>**

COURSE CONTENT:

1. Introduction to Android Development: Kickstart your journey into Android app development by understanding the basics of the platform.
2. Java Fundamentals: Build a strong foundation in Java programming to effectively develop Android applications.
3. User Interface Design: Learn to create captivating user interfaces and design interactive app layouts.
4. Data Management: Master data storage techniques using databases and content providers for seamless information handling.
5. Multimedia and Graphics: Enhance user experience with multimedia elements, animations, and stunning graphics.
6. Networking and Communication: Implement networking functionality, connect to web services, and enable seamless data exchange.
7. Advanced Topics in Android Development: Explore advanced concepts such as working with sensors, location-based services, and optimizing app performance for a competitive edge.



PNS JAUHAR, Habib Ibrahim Rehmatullah Road,
Karachi, Pakistan