Internet of Things (IoT)	
Session 1: Introduction to the IoT (Internet of Things)	
✓ Introduction to the IoT, IoT Protocols	✓ Development Platforms, Three Applications of IoT
✓ Different cases of Interactions	✓ Future of IoT
Session 2: Basics of Python Programming	
✓ Command Window & Script Window	✓ Mathematical Operations & Operators
✓ Conditional Statements, Looping	✓ Accessing Database and Emailing Through Pi
Session 3: Getting Started with Raspberry Pi	
✓ Hardware Analysis	✓ Raspian Operating System
✓ Way of connecting Pi with Laptop	✓ Program to Blink LED
Session 4: Some Networking Concepts	
✓ OSI Model	✓ IP Concepts (Static and Dynamic)
✓ Bridge Connections, Port Forwarding	✓ Accessing Pi Remotely
Session 5: Working with Electronics	
✓ Interfacing of I/O devices	✓ Buzzer, Relay Control
✓ Seven Segment Display	✓ GEAR Motor Control
✓ Sensors Interfacing	✓ Reading Data From Sensors
✓ RFID Cards (Accessibility)	✓ Session log in with RFID
Session 6: Importing & Using Libraries	
✓ Respberry Pi Library (RPi, GPIO)	✓ Database Library (xlrd, xlwt, etc)
Session 7: Working with Seven Segment Display	
✓ Introduction to Pins, Changing Contrast	✓ Printing Characters
Session 8: Programs to build logic	
✓ Led Puzzles	✓ Making Patterns using Function Sleep
✓ Synchronizing Sensors	✓ Working with Stored Results
Session 9: Controlling through Android App	
✓ Connecting using IP Address	✓ Working with Terminal
✓ Getting started with Thingspeak	✓ Controlling Data with App
Session 10: IOT Platform and App Development	
✓ Home Automation	✓ Smart Dustbin
✓ Toll Tax Management	✓ Smart City
✓ Smart Vending Machine	✓ Smart Traffic Management and many more