

Course Code: CS-534 P

Total Credit: 1.5

Periods: 3 per week (50 Minutes each)

Course Title : Practical based on B1.CS-532-T

Marks: 50 (UA: 40 + IA: 10)

**Sample List of Experiments and Tutorials to be carried out based on the course B1.CS-532-T.
(IoT (Internet of Things))**

1. Define and Explain Eclipse IoT Project.
2. List and summarize few Eclipse IoT Projects.
3. Sketch the architecture of IoT Toolkit and explain each entity in brief.
4. Demonstrate a smart object API gateway service reference implementation in IoT toolkit.
5. Write and explain working of an HTTP- to-CoAP semantic mapping proxy in IoT toolkit.
6. Describe gateway-as-a-service deployment in IoT toolkit.
7. Explain application framework and embedded software agents for IoT toolkit.
8. Explain working of Raspberry Pi.
9. Connect Raspberry Pi with your existing system components.
10. Give overview of Zetta.