

**Saket Gyanpeeth's**  
**Saket College of Arts Science and Commerce, Kalyan**

**S.Y.BSC CS SEM IV INTERNAL PROJECT TOPICS OCT 2023**

**Theory of computation**

1. What is a finite automata? construct the basic finite automata
2. Define the Turing machine? Explain working of the Turing machine.

**Computer Networks**

1. Define multiplexing.what is the type of multiplexing?
2. Explain the difference between analog and digital signal?

**Software Engineering**

- 1.Short note on Software Process
2. Short note on requirement management

**IoT Technologies**

1. Short note on IoT Technologies
2. Explain Application of IoT Technologies

**Android Application Development**

- 1.What is an android? Explain its version of android?
2. Explain Kotlin Class & Object in android?

**Advanced Application Development**

1. Write a short note on mongodb
2. Write a short note on mongo shell interface

**Research Methodology**

1. Write a short note on Research Methodology
2. Explain in Brief Research Design.

**NOTE : Those Students who have internal ATKT should submit their project to the coordinator on 10th October, 2023 If you fail to submit it on 10th October, 2023 then you will be declared absent in your respective subject.**