

# Simul-IoT

Day 1

Duration : 2 hours

Prerequisites :

1. Link to download proteus

<https://getintopc.com/software/electronics/proteus-8-6-professional-free-download/>

2. How to Fix error "no libraries found" in proteus 8.6 :

<https://www.youtube.com/watch?v=IZkoC3BBFcE>

3. VSPE : [Download Free Virtual Serial Ports Emulator - free - latest version \(softonic.com\)](#)

4. Proteus Library :

[https://drive.google.com/drive/folders/1ra\\_KY5g\\_fpdffKzzAiZ4FAVKh52gi\\_kw?usp=sharing](https://drive.google.com/drive/folders/1ra_KY5g_fpdffKzzAiZ4FAVKh52gi_kw?usp=sharing)

**Part 1** : (Arya) : 15-20 min

1. Basic explanation
2. Installation
3. What is Proteus? Features of Proteus and how to start working on proteus.
4. UI of proteus including introduction to Components

**Part 2 : (Shrihari) : 20-25 min**

1. Working of components
2. 3D visualizations
3. Schematic
4. Pcb layout

**Part 3 : (Arya) : 20-25 min**

1. Temperature Sensor and Pressure Sensor setup and code

**Part 4 : (Amit) : 30-35 min**

1. LED blinking circuit and code.
2. Connecting circuit to cloud services.
3. VSPE and Blynk Service setup(Arduino + Server) .
4. Blynk App setup.
5. Say Hello! to Google assistant.