**Fan Speed Controlled by Temperature and ArduinoWorkshop purpose:**

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| --- | --- |
| **Tangible output:** | **Intangible output:** |
| 1. Using of Electronics Component 2. Design Circuit 3. Using Arduino 4. Programming | 1. Formal Logic 2. DIY |

**Tools needed:**

1. Note Book
2. Laptop
3. Arduino Uno/Mega x1
4. Breadboard x1

**Suggested background:**

NA

**Attendees’ perquisites:**

Age: 10 Number of participants: 10 technical background: N/A

**Assessments:**

1. At the end of the workshop each student must have be implemented Arduino Fan

**KPI (Key Performance Indicator):**

1. Interaction with participants
2. 10 participants attended both days
3. Executing the project

**Workshop agenda:**

|  |  |  |
| --- | --- | --- |
| Date | Activity | Time |
| Week | Introduction , Design, Build a project | 3 Hours |