TouchPad Workshop

Are you curious about the resistive touch screen? Interested in understanding the concept behind touch sensor technology? HT India Labs brings you a unique workshop which would require you to make use of simple elements such as an Arduino Uno Microcontroller, Resistive touch screen, etc. to create an interface for text recognition.

This workshop would also familiarize you with peripheral device interfacing on Arduino Uno Microcontroller. Participants will be provided with a take away kit comprising of all the necessary components. By the end of this two day workshop, you will have learnt the art of programming and implementation of the resistive touch interface. This workshop would also explain in detail, the concepts behind serial communication and basic electronics.

What can you expect from this workshop?

1. Basics of electronics.
2. Basics of microcontroller.
3. Sensor interfacing.
4. Analog to Digital Conversion, Digital to Analog Conversion.
5. Basics of serial communication.
6. Development of Graphical User Interface (GUI).

Take Away Kit

- Arduino Microcontroller
- Resistive Touch Screen
- Stylus
- Touchpad Adaptor
- Discrete Electronics

Duration: 14 hours spread over 2 Days.

Eligibility: Anyone Interested can participate

Fees: Rs. 1350/- per head inclusive of all taxes. Take away kit to be given in a group of 5.