A workshop on "Surface Computing – Multi Touch Mini"

(8 Hours) presented by **ηvision 2012** - IIT, Hyderabad in association with i3indya Technologies.

Don't have a Multi touch Table yet? Have one, but need something smaller for testing? Building a small portable multi touch pad will allow you to test software and experiment on a smaller scale while building your full table or when away from your multi touch screen.

INTRODUCTION

Touch is one of the most powerful and inciting sensations that we can experience. Imagine what it would be like to interact with a machine through the sole power of your touch. **Multi touch technology** has been a path breaking new field of research in the domain of human-computer interaction and has been implemented in devices like the Microsoft Touch.A touch screen is an electronic visual display that can detect the presence and location of a touch within the display area. The term generally refers to touching the display of the device with a finger or hand.

About Workshop

Attendees will be provided with instructions to build and manage their own Multi Touch Table. Let a trained professional show you how to create and manage a Multi Touch project. Have fun and make a MT mini! This uses Front Diffused Illumination, with normal ambient light (infrared not required or needed) and a normal off-the-shelf webcam (IR filter can still be in place).

Upon completion attendees will get a certificate of participation from **i3indya Technologies**.

TOPICS TO BE COVERED

- Introduction of Multi touch mini workshop
- Hardware Technologies
- Optical Technologies
- Software ans Application
- Camera Hack
- Building Mini MT
- Live Demo

Prerequisite for Workshop

- Passion to learn new creative things.
- Knowledge of how to use Computer.
- Have basic knowledge of electronic components.

Who Could Attend ?

- College students seeking career in Mobile (Android) Industry.
- Person having interest in Android Technology.
- Education Faculty & Staff.
- Students from any branch can attend the workshop.

Workshop Highlights

- Learn the Multi Touch Technology used in Touch Phones
- Hand-On training with the kit.
- All study material would be provided.
- Power Point Presentation, Live Demos, Interactive Question & Answer sessions and comprehensive reading material.

Benefits to the Participants

- **Certificate of Participation** to all Participants from i3indya Technologies
- **Free** Software **Toolkit CD** (Containing E-Books, Software, Video's, Tutorials)
- i3indya **Summer / Winter** Training Redemption Coupon **(10% discount)**

Workshop: Surface Computing (Touch 1.0)
Venue: IIT Hyderabad Campus
Date: 16 September, 2012
Fee: Rs. 2600 (team of 2) / 3500 (team of 3)
Coordinators : Chandirasekaran : 07799658282 Sahil : 09177474417 Abhishek : 09177472041