



ATMOS 2016

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Jawahar Nagar, Shameerpet Mandal
Hyderabad, Telangana



AUGMENTED REALITY

Technology is indeed ruling the world today. What our forefathers couldn't even imagine, we have that at our beck and call; rather, just a touch away! Do you ever wonder what it would be like, if the normal screen of your laptop is converted to a touch screen? What if you could create your own touch-pads? The old boring laptop now recognizes your gestures, and the music stops and plays just by the action of your hands; and, the cursor identifies the sound of your voice and moves accordingly! This is what has fascinated Microsoft, Apple, and Intel, and is the subject of their study. This is Augmented Reality. **INFIZEAL Technologies**, an **IIT Delhi Alumni** Venture, is organizing a workshop on **Touch and Augmented Reality** this ATMOS.

Workshop Content

- Basics of Surface Computing
- Techniques used in surface Computing
- Software used for tracking your touch
- Final Self Made Prototype
- Kinect
- Image and Pixels
- Open Natural Interface
- Processing
- Building your first Sketch (Program)
- Working with Depth Images o Motion Sensing Applications



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After the workshop, Students learn

1. How to make their own Touchpad?
2. How to control music with paper?
3. How to convert their Normal Laptop Screen to Touch Screen?
4. How to control laptop with gestures?

Other objectives of the workshop

- Converting the image thrown by a projector on any surface to a multi-touch surface
- Making your own multi-touch pads
- Controlling your laptop with hand-gesture movement through the device Microsoft KINECT o Playing Virtual Drum
- Making a Wireless Measuring Tape
- Capturing 3-D Image throw Video

What you get?

1. Software **CD Kit** containing various software and e-books.
2. Hands on session
3. Certificate of participation
4. **Lifetime** e-mail support to participants
5. **10 % discount** for participants for the summer & winter training program at INFIZEAL.

Participation Fee: 1200/- only

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