Touch and Virtual Reality

About Touch and Augment Reality or sense virtuality . It is a two day workshop related to **Touch Computing,**
Gesture Computing and Augmented Reality. In which student can learn how to interact with Digital world with Physical Objects .

So let the computing begin in a completely new way and step forward into the era Of" virtual Reality"

Topic to be covered

Basics of computer Systems

- Introduction to computer system
- Types of system
- Difference b/w GUI and NUI
- Introduction to natural inputs
- Examples

Touch technologies

- Introduction to Resistive touch
- Working of resistive touch
- Applications of resistive touch
- Introduction to Capacitive touch
- Working of capacitive touch
- Applications of capacitive touch

Introduction to Touch Computing

- FTIR
- DI
- DSI
- LED-LP
- LLP
- Making a touch pad setup
- Testing touch pad
- Running few application
- Drive mouse pointer using that touch pad

- how to create touch screen
- Introduction to motion sensing device

- Give desired controls to your laptop
- Coding to make desired control and games
- Move mouse pointer using accelerometer
- Making a interactive touch wall

Gesture Computing

- Introduction to Gesture Computing
- Introduction to Kinect
- Introduction Image Processing
- Computing the gestures using Web-Cam
- Color Detection using Web-Cam

Augmented Reality

- Tracking nearest Object
- Creating your Augmented World
- Converting the Physical Information into Graphical Information

Innovative Application

- Code your Application
- Making a Paint Application for Win, Linux and Mac

Take Away :-

Certification:

- Each Participant will get a participation certificate.

Toolkit:

- Each participant will get a toolkit containing various software and applications.
- Each participant will get EBook and future guidance for their projects.

Email Support:

- Lifetime Email support

Corporate Office:

F-14,1st floor, Kirti Plaza, sector 6, Jagriti vihar , Meerut, UP, 250001

Contact Information:

Phone No: 0121-405-4923
+91-7055111123
Email id: info@roboflux.com
WEB- www.roboflux.com

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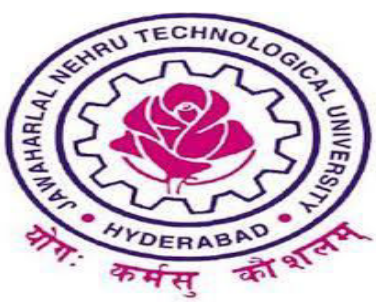
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