



**IIT BOMBAY**  
presents

**Techfest**  
28<sup>th</sup>-29<sup>th</sup> Dec, 2015

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**EMBEDDED TECHNOLOGIES**  
Design a smart system with automotives

**ANDROID APP DEVELOPMENT**  
Learn about games as well as the basic building blocks of making an android app

**WEB DEVELOPMENT**  
Get a solid understanding of the web design and its development techniques

**CLOUD COMPUTING**  
Acquire the knowledge of this modern domain, opening up a plethora of opportunities associated with Cloud Computing

**HACKNEX 1**  
Let's seek and exploit weaknesses in computer network

**HACKNEX 2**  
Brace yourself for the Information Security Industry with technical training on cyber security

**R-BOT**  
Come and grab the opportunity to build an autonomous robot using MRP [Mobile Robotic Platform]

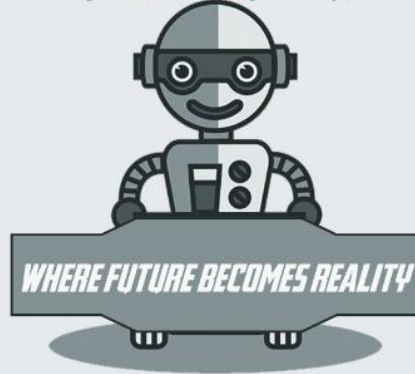
**PSoC**  
Learn true programmable embedded system-on-chip integrating configurable analog, digital peripheral functions, memory and a microcontroller on a single chip

**SOLARIZER**  
Become smart and acquire theoretical and practical hands on training in the field of solar energy

*Asia's Largest Science and Technology Festival*

## WORKSHOPS

Register at : [techfest.org/workshops](http://techfest.org/workshops)



## TECHFEST INTERNATIONAL SUMMIT

Workshop by TEXAS INSTRUMENTS

Elements : panel discussion, networking session, workshop and product expo

Speakers :

Mr. Sachin Mahajan : Director, Internet of Things (IoT) at TELUS  
Mr. Ishwar Parulkar : Cisco Distinguished Engineer & CTO for Service Provider Access Group  
Mr. Nishant Batra : Sr. Vice President & CTO at Ericsson  
Mr. Rishi Bhatnagar : Global Head - Digital Enterprise Services at Tech Mahindra  
Mr. Rajendra Pratap Gupta : National Working Group 20, Ministry of Communications & IT  
Mr. Raj Talluri : Senior Vice President, Product Management at Qualcomm  
Startups can showcase their products at the product expo and pitch it to investors.

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### AUTOMOBILE AND MECHANICS

Enhance your knowledge in automobile mechanics in a much simpler way

### AUGMENTED REALITY

Interact and digitally manipulate real world with AR technology, build modules including overlaying text, video, 2D and 3D elements along with interactive animations

### SWARM ROBOTICS

Make your robot coordinate with multirobot systems

### UNMANNED GROUND VEHICLE

Make a vehicle without onboard human presence

### SIXTH SENSE ROBOTICS

Augment the physical world around us with digital information

### ROBOTIC ARM

Learn all the concepts necessary for constructing a robotic arm yourself

### ZERO ENERGY BUILDING

Understand construction methodologies and structuring strategies for 'Green Compliance'

### AEROWINK

An opportunity to make your own vertical flying object adept in surveillance and monitoring.

### GESTURE CONTROL USING MATLAB

Learn MATLAB coding and control the bot using gesture

### BRAINWAVE CONTROLLED ROBOTICS

Learn to translate your brainwaves into action

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