HACKTHON ON
RECENT ADVANCES IN INTERNET OF THINGS.
(14-15) DECEMBER 2017

INTERNET of THINGS

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भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

TEACHING LEARNING CENTER
IIT PATNA
Sponsored by MHRD

INDIAN INSTITUTE OF TECHNOLOGY PATNA
NEXUS IITP

TEACHING LEARNING CENTER

HACKTHON/APPATHON

INDIAN INSTITUTE OF TECHNOLOGY PATNA

NEXUS IITP

About this Event

With technology scaling to unprecedented levels, electronic systems design in general and embedded system design in particular, is increasingly becoming more challenging. This is mainly due to shorter time-to-market demands with strict design constraints related to power, performance, and reliability. In recent years, Embedded systems and applications are everywhere, specifically in the automotive, telecommunication, aerospace, energy, healthcare, and manufacturing sectors. Meeting these design goals, while at the same time ensuring security and performance, has become extremely challenging because of difficulty in comprehensive verification of complex implementations at the current state-of-the-art, and since many challenges arise dynamically during design and runtime. Hence, embedded systems must be designed and implemented in a efficient manner to meet reliability goals, especially for critical cyber-physical applications. The extreme resource constraint common in many embedded systems add extra challenges in adopting traditional design flow. Furthermore design intelligent systems is being continuously propelled by growth cloud applications and big data.

To keep India embedded revolution, we need a skilled workforce and innovative engineers who can create novel applications. IIT Patna Teaching and Learning Centre take on the challenges and make opportunities that the Cyber Physical systems revolution provides, and be at the forefront of innovations in the field.

TLC IIT Patna Hackthon/Appathon

Teaching and Learning Centre is conducting a Hackathon/Appathon as part of Nexus 2017. We invite students, Developers, Researchers, Technology Enthusiasts, members of faculty or other innovators to participate in this exciting event.

Themes

To create smart phone App that will be useful for smart city, smart environment, electric, water, gas utilities, transport, administration, health, and education etc.To develop an innovative and ground breaking concept via hardware model, concept note, and software tool etc.

Prizes

Winning team will take home a cash prize of Rs 25,000/-, and Certificate. Upto two runner up teams will receive cash prize of Rs 10,000/-, and Certificates

Event Details

Last date for registration	:17th November 2017
Event Dates	:14th Dec 9:00 am to 15th Dec 9:00 am
Venue	:IIT Patna premises, Bihta, Patna
Winner Announcement	:15th Dec

Terms

Who can apply	: All students, Developers, Researchers, Technology Enthusiasts, members of faculty or other innovators
How to apply	: Visit Nexus-IITP webpage
Team Size	: Minimum of 2 members, maximum of 4 members.
Lodging and Boarding	: Will be provided on campus on demand basis

Contacts:

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