



PIT Trust and Society's

PRALHAD P. CHHABRIA
RESEARCH CENTER

Teap Cell
6
12-7-2017

WORKSHOP ON “INTERNET OF THINGS (IoT)”

Embedded Systems, Communication
Systems and Sensors

25th to 27th
August 2017

Objectives:

To design and build basic IoT system

domain of IoT and expose them to future of Information and Communication Technologies (ICT) convergence.

Duration: 3 days

Am I eligible?

- B.E / B.Tech / M.E / M.Tech (students of all disciplines)
- B.Sc / M.Sc (students of all disciplines) PhD. students of Science & Engineering streams
- Industry Professionals

Focus on

- Exploring Embedded Hardware
- Wireless modules
- Exploring Software Design Tools (Python, Embedded C)
- Data Transfer Techniques

Workshop outcome

The participants will be:

- Introduced to fundamentals of Internet of Things and develop the understanding of how to use embedded & wireless hardware and programming skills to realize an IoT application.
- Trained with hands-on approach in order to have an in-depth insight into the

Take-away

- IoT mini-laboratory includes required set of embedded controllers, electronic components, sensors, actuators (motors) and other necessary tools to create individual IoT system. Each and every participant can explore, experiment and innovate with the portable mini-laboratory. This Personal mini-laboratory will be property of the participant.
- Participants will be certified after successful completion of the workshop.

Fees: ₹ 5,000*

(Includes accommodation, food and mini-laboratory)

Contact Details:

Prof. Amit Patwardhan – 88067 77865

Prof. Rabinder Henry – 99237 00296

Email: info@ppcrc.in

For registration please visit:

<http://www.ppcrc.in/workshop-on-internet-of-things>

*Inclusive of Tax

Last date for registration: 18th August 2017



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Pralhad P. Chhabria Research Center (PPCRC)

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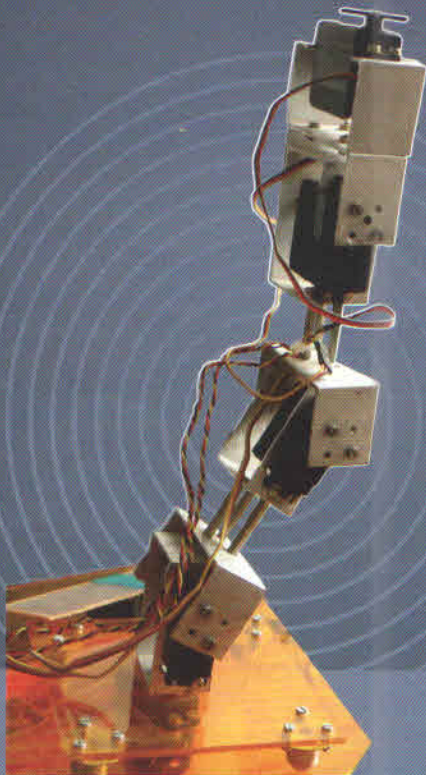
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WORKSHOP ON “Sensor System Design”

(Sensors: Actuators: Interfaces: Engineering Physics)

Batch I: 7th to 11th August 2017 | Batch II: 2nd to 6th October 2017



Objective

To design and build an operational system to understand how to design a system with sensors and interfaces

Duration: 5 days

Am I eligible?

B.E/B.Tech / M.E / M.Tech (students of all disciplines)

B.Sc/M.Sc (students of all disciplines)

PhD. students of Science & Engineering streams

Industry Professionals

Focus on

- ◇ Fundamentals of Sensors
- ◇ Embedded Systems and interfaces
- ◇ Engineering Physics
- ◇ System Design

Take-away

- ◇ Sensor system design mini-laboratory includes required set off embedded controllers, electronic components, sensors, actuators and other necessary tools to create individual system. Each and every participant can explore experiment and innovate with the portable mini-laboratory. This Personal mini-laboratory will be property of the participant.
- ◇ Participants will be certified after successful completion of the workshop.

Fees: Rs.10,000*

(Includes food, accommodation and IoT mini-laboratory)

Contact Details

Prof. Patha Sreedhar
88067 77865

Mr. Dinesh Joje
99237 00296

Email: info@ppcrc.in

Workshop Outcome

The participants will be:

- ◇ Introduced to fundamentals of Sensors and develop the understanding of how to use embedded & wireless hardware and programming skills to realize a system design.
- ◇ Participants will be trained through hands-on approach to develop a stand-alone weather monitoring system.

For Registration: <http://ppcrc.in/workshop-on-sensor-system-design/>

Last date for registration: Batch I: 31st Jul. 2017 | Batch II: 25th Sep. 2017



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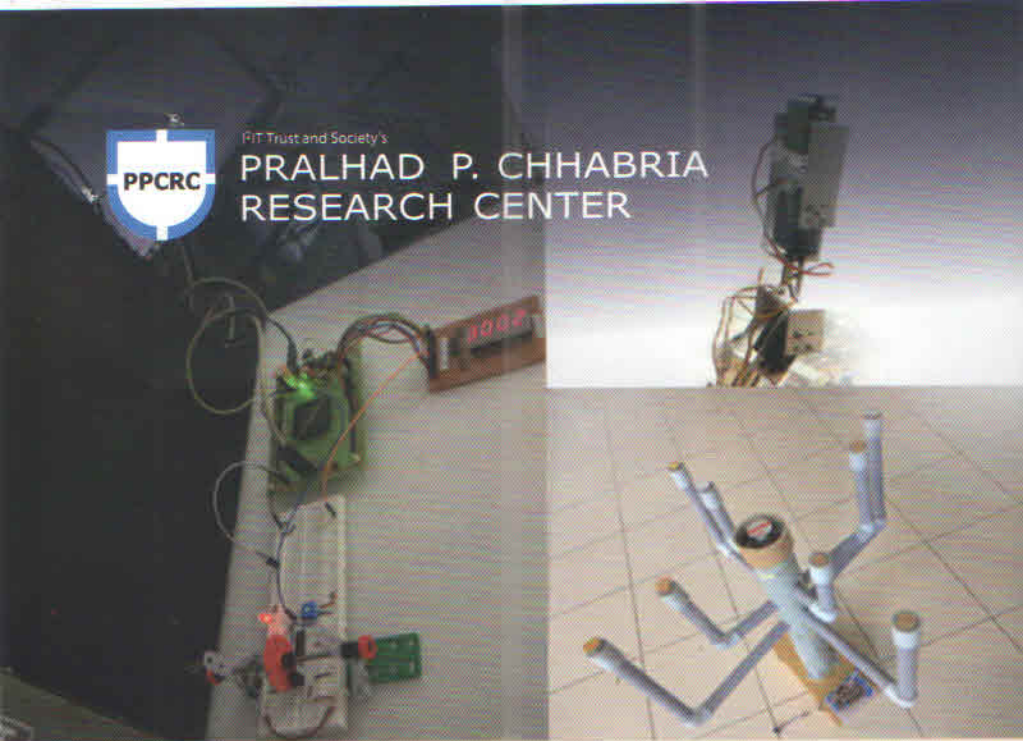
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Workshop on **SCIENTIFIC TOY DESIGN**

AUG. 18TH TO 20TH 2017

SEP. 22ND TO 24TH 2017

FOCUS ON

- Building Scientific Toys
- Fundamentals of Design
- Electronic Hardware Design
- Integrating programming, electronics and design concepts

FEES: ₹ 5000*

(Includes Food, Accommodation and Mini-laboratory)

Last date for registration:

Aug. 11th 2017 | Sep. 15th 2017

Visit <http://www.ppcrc.in/workshop-on-scientific-toy-design> for online registration

ELIGIBILITY

Any student pursuing graduate/postgraduate degrees in Fine Arts, Science and Engineering

MINI-LABORATORY

Each participant will be provided with a mini-laboratory which contains all necessary electronic hardware, software, design materials and tools required during the workshop. This would be property of the participants.



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