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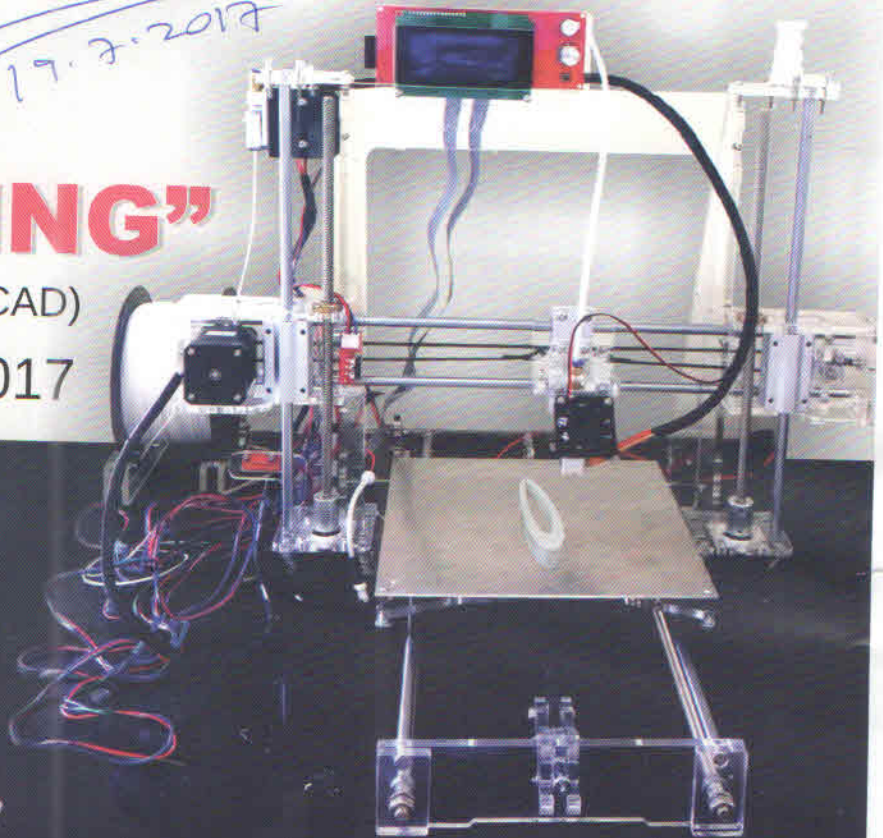
Togip Cell
19.7.2017

Workshop on
"3D PRINTING"
(Design, Tuning and OpenSCAD)
02nd – 06th October 2017

Training on
→ Setup and configuration of 3D printer
→ Designing 3D objects using OpenSCAD
→ Additive manufacturing
→ Slicing and optimization of 3D printable objects

Objective: To assemble, tune and print 3D objects

Duration: 5 days

Am I eligible?

A team of students pursuing:

B.E/ B.Tech from ECE, EI, EEE who require industrial training or projects.

M.E/ M.Tech, M.Sc Physics/ Electronics interested in hardware

*Maximum 5 participants per team

Take-away

→ Each team will be provided with "3D printer kit" and necessary tools to design and print 3D objects. This will be property of the participants

→ The participants will be certified on successful completion of the workshop

For registration: www.ppcrc.in/workshop-on-3d-printing

Laptop
Participants must bring their laptops

Fees: ₹ **50,000** per team*
(Includes accommodation, food and 3D printer kit)

Contact Details
Prof. Amit Patwardhan – 82378 16916
Prof. Rabinder Henry – 99237 00296
Email: info@ppcrc.in

For Academic Institutions
Academic institutions interested in organizing "3D Printing Workshop" in their premises, please contact:

Mr. Dinesh Joje – 88067 77865

* Inclusive of Tax

Last date for registration: 25th September 2017

Pralhad P. Chhabria Research Center (PPCRC)
P-14/1, I2IT Campus, Rajiv Gandhi Infotech Park, Phase 1, Hinjawadi, Pune - 411 057
Phone : 020 2293 4190 / Extn : 239 **Mobile** : 99237 00296 / 82378 16916 **Email** : info@ppcrc.in **Website** : www.ppcrc.in   **A PROJECT OF FINOLEX**

Workshop on
"FPGA Based System Design"
15th – 17th September 2017

Objective:

Training on Embedded System Design and introduction to VLSI Design

Duration: 3 days

Am I eligible?

➢ Students pursuing B.E/ B. Tech from ECE, EI, EEE who require industrial training or projects

➢ Student pursuing M.E./M. Tech, M.Sc Physics/ Electronics interested in hardware design.

Workshop Focus

Each Participant will be given hands-on experience in the following:

➢ FPGA architecture and design flow
➢ FPGA based system design
➢ VHDL synthesis and simulation

Take-away

➢ Each Participant will be provided with a mini-laboratory which contains all the necessary electronic hardware, software, FPGA board and tools required during the workshop. This mini-laboratory will be the property of the participants

➢ Participants will be certified after successful completion of the workshop.

Fees: ₹ 10,000*

(Includes accommodation, food and mini-laboratory)

Contact Details:

Prof. Bhushan Patil – 82378 16916
Prof. Amit Patwardhan – 88067 77865
Prof. Rabinder Henry – 99237 00296
Email: info@ppcrc.in

*Inclusive of Tax

For registration please visit: http://www.ppcrc.in/workshop-on-fpga-based-system-design

Last date for registration: **08th September 2017**

WORKSHOP ON "RASPBERRY PI"

06th to 10th Sept 2017

FOCUS ON

- System configuration
- Introduction to system tools
- Introduction to Python
- Hardware interface through GPIO, I2C, SPI
- Networking and Internet

OBJECTIVE

Development of skillset in hardware and software tools to work on Embedded Linux platforms

ELIGIBILITY

Students pursuing B.E/ B.Tech from ECE, EI, EEE, CSE, IT who require industrial training or projects. M.E/ M.Tech, M.Sc Physics/ Electronics interested in hardware/software

WORKSHOP OUTCOME

Participants will:

- Develop understanding of the capabilities of Raspberry Pi as a platform
- Learn techniques to utilize hardware interfaces available on Raspberry Pi
- Gain skillset to develop systems on Embedded Linux platforms

* Classes will be held day and night
* All the students will be staying on the campus only
* Participants must bring their laptops

MINI-LABORATORY

Each participant will be provided with a mini-laboratory which contains latest version of Raspberry Pi and tools required during the workshop. This mini-laboratory would be property of the participants.

FEES: ₹ 13,000*
(Includes accommodation, food and mini-laboratory)

For Registration:

http://www.ppcrc.in/workshop-on-raspberry-pi/
Last date for registration: 31st Aug 2017

*Inclusive of Tax

* Raspberry Pi is a trademark of the Raspberry Pi Foundation (http://www.raspberrypi.org) and we are using it for service purpose