



CSIR-CEERI (CSIR - Central Electronics Engineering Research Institute), a constituent Laboratory of CSIR is devoted to R&D, technology-development and academic support (includes Skill Development training /HR) in the field of electronics for the benefit of the society.

Important Details

Last Date for Registration: **07.06.2019**

Last date for Fee deposit: **10-06-2019**

Date of commencement: **10-06-2019**

Duration: (200 Hours); 6-Weeks
June 10, 2019 to July 19,2019

Qualification: BE/BTech/Diploma (*BE/ BTech 6th semester students are also eligible)

Course Fee: ₹. 25,000/-

Payment Details: Online or Demand Draft in favour of “Director, CEERI” payable at payable at Pilani.

A/C Number: **61033385318**

Bank: State Bank of India

Branch: CEERI–Campus, Pilani;

MICR No: 333003398

IFSC: SBIN0031398

Accommodation: Shared basis, Chargeable

No. of Seats: 40 (First Come basis)

Venue: **CSIR-CEERI Pilani, Pilani-33031**



To

Pin:

From

Dr. Kota Solomon Raju
Sr. Principal Scientist & Head, SDP
E-107, IoT Group, CPS Area
CSIR-CEERI, Pilani-333031 (Raj.)
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Transforming the skill landscape

Website: www.ceeri.res.in

Email: iot@ceeri.res.in



CSIR -Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani-333031 (Raj.)

Skill Development Course

on

Internet of Things

(for students & Working Professionals)

June 10, 2019 to July 19,2019



N.S.D.C
National Skill Development Corporation

Transforming the skill landscape

Expected Job Roles

- Embedded systems engineers, Field application engineers, embedded system technician - Trouble shooting of IoT based electronic systems/products
- Entrepreneur - Development of small electronic gadgets based on IoT applications
- Entrepreneur – Development of IoT based systems for smart cities, Intelligent transport systems, Intelligent building systems and environment monitoring & controlling, etc.

Learning Outcomes

- Separate the IoT hype from the reality
- Programming of Raspberry Pi3 and MSP430
- Peripheral interfacing to Raspberry Pi3 and MSP430
- Trouble shooting Raspberry Pi3 and MSP430 based systems
- Linux /Android programming techniques
- Evaluate networking technologies for application within IoT projects
- Trace the relationship between IoT, cloud services and software agents
- Apply effective techniques to create IoT based projects

Salient Features

- 45%-50% Practical and 55%-50% Theory Session as per the course curriculum
- Tutorials (personal attention) & Lectures, assisted with models and multimedia aids
- Interactive Sessions
- Hands-on practical exposure
- Invited Lectures from Professionals/ Industrial experts

All our previous participants placed in MNCs including M/S. Infosys, M/S. Qualcomm etc.

Objective of the Course

- To train participants how to design and program the IoT based system with practical hardware (Raspberry Pi3 and MSP430) board using Linux /Android operating system with cloud / server connectivity. Interfacing of external peripherals to Raspberry Pi3 and MSP430 board and networking of IoT devices such as Edge and Gateway devices to the server /cloud along with troubleshooting.

Course Highlights

- Highly focused and in-depth training from the experts - including relevant updates from related research teams
- Scientific research enabled training to maximize competency development
- Lab Trainers and Expert faculty with R&D experienced, and highly accomplished training professionals
- Training outcomes and competency development designed to meet industry and academic specific requirements

Lab Trainers and Faculty

- Experts in the field
- Relevant long term R&D/Industry Experienced
- Executed high level R&D projects
- Expert facilitators and training professionals

Course Coordinator

Dr. Kota Solomon Raju
Senior Principal Scientist,
IoT Group, CSIR-CEERI, Pilani

Application Form

1.Name: _____

2.Gender: M F

3.Qualification: _____

4.Address for Communication:

5.E-mail: _____

6.Phone: _____

7.Mobile: _____

8.Accommodation required? Yes/ No

9. Payment Details:

DD no: Date:

UTR (for online transfer) no:

Bank:.....Amount:

Place:

Date: _____ Signature

For Sponsored Candidate Only

10. Designation/Department: _____

11. Name of the Institution: _____

12. Teaching / Industry experience: _____

Declaration

This is to certify that Dr./Mr./Ms. _____

_____ is an employee of our institution and is sponsored to attend a six-week training programme to be conducted at CSIR-CEERI, commencing from June 10, 2019

Signature of the Head of the Institution
(With office seal and date)