RCC INSTITUTE OF INFORMATION TECHNOLOGY

RCC Institute of Information Technology (RCCIIT) is a Government aided Engineering College under an autonomous Society of the Dept. of Higher Education Govt. of West Bengal. It was setup in 1999 with an active support and collaboration of Ministry of Information Technology, Government of India and Department of Higher Education, Government of West Bengal.

ELECTRICAL ENGG. DEPT.

The Department of Electrical Engineering **(which is now accredited by National Board of Accreditation (NBA), New Delhi)** started its journey in the year 2009 under RCCIIT and the first batch of students graduated in the year 2013. It is situated in the ground floor of the new campus of the Institute. The department offers Electrical Engineering (EE) undergraduate program that augments the liberal education to undergraduates and imparts well understanding of the subject, Electrical Engineering and its different aspects built on a foundation of Science, Mathematics, Computation, Engineering and Technology.

INVITED SPEAKERS

Mr. Ashok Kumar, working as lead IOT. Trainer and developer, robotics trainer for Innovians Technology.

Mr. Mr,Bodhisattwa Sensarma, DGM, Siemens

Mr. Debabrata Chowdhury, VP, TCS

Mr. Liqzan Manna, working as trainer of IOT, embedded system, robotics, circuit designing, PCB designing for Innovians

ADVISORY COMMITTEE

Dr. S.M. Chatterjee, Chairman, RCCIIT

Dr. Siddhartha Bhattacharyya, Principal, RCCIIT

Er. K L Mallick, Chairman, WBSC, IEI

Er. Ranjan Dutta, Hony. Secretary, WBSC, IEI

Er. Jayanta Kumar Dutta, Jt. Hony. Secretary, WBSC, IEI

Prof. Bhaskar Gupta, Chairman, ET Engg. Div., WBSC, IEI

Er. H N Pradhan, Convenor, ET Engg. Div., WBSC, IEI

Mr. Debabrata Chowdhury, VP, TCS
Mr,Bodhisatttwa Sensarma,DGM,Siemens

Dr. Alok Kole, HOD, EE, RCCIIT

Dr. Ashoke Mondal, EE, RCCIIT

Dr. Debasish Mondal, EE, RCCIIT

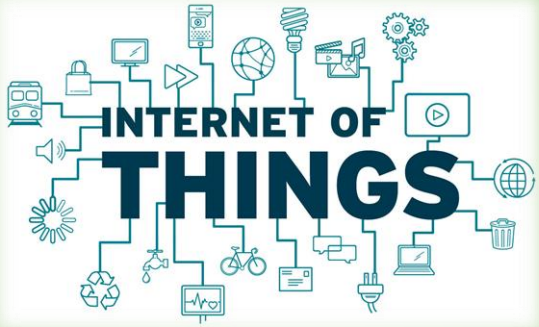
Dr.Shilpi Bhattacharya,EE,RCCIIT

Mr. Budhaditya Biswas, EE, RCCIIT

Dr. Anup Kumar Kolya, CSE, RCCIIT

IEI STUDENT BRANCH OF EE DEPT. RCCIIT AND DEPT. OF EE, RCCIIT IN JOINT COLLABORATION WITH INNOVIANS TECHNOLOGY PRESENTS

5 DAYS HANDS-ON WORKSHOP



"INTERNET OF THINGS (IOT)- A NEW ERA OF TETECHNOLOGY"

FROM JULY 2ND, 2018 TO JULY 6TH, 2018

TECHNICALLY SPONSORED BY:

ET ENGINEERING DIVISION, WBSC,

ORGANIZING COMMITTEE

Program Mentor: Dr. Alok Kole, HOD, EE, RCCIIT.

Chair: Tanmoy Samanta.

Vice-chair: Soumyajit De.

Secretary: Surjay Boral.

Treasurer: Sayak Majumdar.

Event Management: Ankita Banerjee.

Convenors: Shankha Sudha Ghosh.

Debjyoti Dey.

Hospitality: Mandira Das.

Photography: Diptesh Basu.

WORKSHOP HIGHLIGHTS

- Receive an unparalleled education from Innovians Technologies team with personal one-on-one attention.
- Learn and interact with one of the respected authorities of same field.
- Innovians Technologies certification programs are recognized in the industry.
- Interactive Query sessions, Live Demos, Power Point Presentation.

WORKSHOP TRACKS

Track1:Introduction to the Internet of Things

- The Basics of Sensors & Actuators
- Introduction to Cloud Computing,
- ArduinoBasics,reading fromSensors, Arduino Programming & Interface of Sensors, Talking to your Android Phone with Arduino using the Bluetooth Module.

Project 1: Simple LED Program for Arduino--- Project 2: Integrating Sensors & Reading Environmental Physical Values.—and others 3 projects..

Track 2: Cloud Computing

- Popular Cloud Computing Services for Sensor Management.

Project 6: Control Devices using Localhost Web Server for Home Automation Programme .----Project 7: Being Social on Twitter & update status on Twitter through Arduino… Other 4 projects…

Track 3: Understanding and Introduction to Rpi,OS Installation on SD Card,OS Configuration,Network Setup,GPIO,Linux,Using Python

- Basics of Electronics &Hardware Description

Project 12: LED Program with Raspberry Pi---Project 13: Controlling LED with a Switch using Raspberry Pi

.Track 4:Integrating Temperature & Humidity Sensor with Raspberry Pi &Control Devices using Localhost Web Server for Home Automation.

Project 14: Integrating Temperature & Humidity Sensor with Raspberry Pi & read Current Environment Values. Project 15: Reading Environmental Values on Android Smartphone. Talking to your Android Phone with RaspberryPi…and other 4 projects…

Track 5: Installing server on Raspberry Pi.& MQTT Publish from Arduino.

Project 20: Sending Sensor Data to Cloud using Raspberry Pi.---Project 21: Installing server on Raspberry Pi. Project 22: Connecting Arduino with Raspberry Pi Server. Project 23: MQTT Publish from Arduino and another one project…

CONTACT PERSONS

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Branch e-mail ID:
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IMPORTANT DATES

Registration starting on: 16th June, 2018.
Last date of Registration: 30th June, 2018.
Workshop Inauguration: 2nd July, 2018.
Workshop ends on: 6th July, 2018.

TAKE AWAY COMPONENTS

- Arduino UNO Board
- Ethernet Sheild
- Breadboard
- A to B Cable
- Lan Cable
- Temperature &Humidity Sensor DHT11
- M-M Jumper Wires
- IR Sensor
- Relay Module
- LEDs
- Resistors
- Variable Resistor

Above mentioned Kit will be provided as a takeaway in a group of 4. Rest of the expensive components will be taken back which will be used during the workshop.