

TOPICS OF DISCUSSION

- ✓ IoT basics
- ✓ Node MCU concepts
- ✓ Webpage creation
- ✓ MQTT Protocol using Node MCU

INTENDED AUDIENCE:

Academicians, Research Scholars, Industry Personnels, Undergraduate and Postgraduate students.

REGISTRATION DETAILS:

Faculty/Research Scholars : Rs.350/-
UG/PG Students : Rs.250/-

Note: Multiple registrations are also permitted with a single DD

The participants can send their duly filled registration form and sponsoring certificate to the convener along with demand draft drawn in favor of “**KPR Institute of Engineering and Technology**”, payable at **Coimbatore**.

For RTGS/NEFT Transfer:

Name : KPR Institute of Engineering and Technology
Account No : 10920200043757
IFSC code : FBRL0001092
Bank : Federal Bank
Branch : Coimbatore



Registration form may also be submitted through link below or scan QR Code

<https://goo.gl/1ZsT6R>

ORGANIZING COMMITTEE

Chief Patron : **Shri. K.P. Ramasamy**
Chairman
Patrons : **Dr. A. M. Natarajan**
Chief Executive
Dr. K. Bommanna Raja
Principal
Convener : **Dr.V.Kumar Chinnaiyan**
Professor and Head / EEE
Coordinators : **Prof. S. Vivekanandan**
AP (SL.G)/EEE
Dr.J.Prasanth Ram, AP/EEE
Prof. P.Kamalakannan
AP (Sr.G)/EEE

IMPORTANT DATES

Last date for submission of application : 20.02.2019
Acceptance Notification : 21.02.2019

ADDRESS FOR THE CORRESPONDENCE

Mr.S.Vivekanandan

Assistant Professor (SL.G) / EEE
Department of Electrical and Electronics Engineering
KPR Institute of Engineering and Technology
Arasur, Coimbatore – 641 407, Tamilnadu.
Mobile No: +91 9095062900, +91 7708223839
Email Id: s.vivekanandan@kpriet.ac.in

Vision and Mission of the Department

VISION:

To be the centre of higher learning in the field of Electrical and Electronics Engineering by educating the students to meet the global challenges with professional ethics and social consciousness.

MISSION:

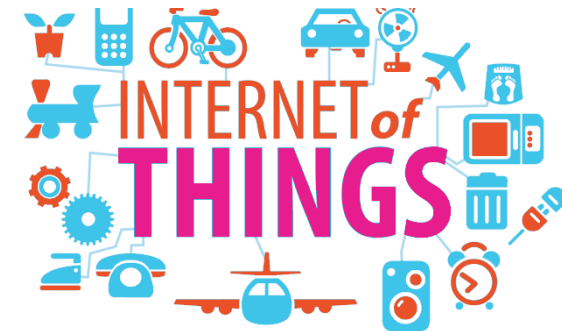
- Providing technical, intellectual and ethical environment to the students through knowledge centric education and research.
- Collaborating with industries in the vicinity, nationally and internationally for exposure and innovation.
- Enabling the students to serve the society through prolific ideas.

One Day Workshop

On

“Practical Applications on IoT Using Node MCU”

22nd February, 2019



Organized by

Department of Electrical and Electronics Engineering



Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25, Accredited by NBA (CIVIL,CSE, ECE, EEE & MECH) and NAAC with 'A' Grade, an ISO 9001:2015 and ISO 14001:2015 Certified Institution, DSIR Certified Scientific and Industrial Research Organization)

In Association with



Technical Support By

SAI INCUBATION CENTER, COIMBATORE

(A Start up by KPRIET's Alumni)



ABOUT THE INSTITUTION:

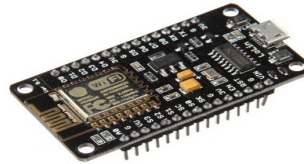
The KPR Institute of Engineering and Technology (KPRIEnT) was established in the year 2009. The institution is promoted by KPR Group, a renowned business house in India with interest in Textiles, Wind Energy and Sugar. The main focus is to offer quality education to the younger generation to strengthen our nation in the field of Engineering and Technology. Our institution is approved by AICTE and affiliated to Anna University, Chennai. The institution offers 7 UG courses in B.E. – Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Science and Engineering Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering and 4 PG courses in M.E. - CAD/CAM, VLSI Design, Computer Science and Engineering and Structural Engineering. The vision is to become a premier Engineering and Technological Institute of Academic excellence through its commitment in offering value based education to its students and to improve their Technical, Intellectual and Professional skills in order to enable them to meet the diverse needs and challenges of the society, the Nation and the World at large. **The Institution has been accredited by NAAC with 'A' grade and 5 UG programs (CIVIL, CSE, ECE, EEE and Mechanical Engineering) have been accredited by NBA, New Delhi.**

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering enthalls the students to gain advanced knowledge and induces them with confidence to face the challenges of technical era. The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas. The intellectual and dedicated team of faculty members with specialization in diversified fields has helped in making it one of the best departments on campus. Established 16 kWp solar power plant for enhancing research activities. Class rooms are enabled with ICT tools and the laboratories are equipped with live demonstration models. All the cadres of students are molded into successful graduates through Outcome Based Teaching Learning (OBTL). There are about 30 Faculty members in our department. Among them 6 are Ph.D. holders and 20 of them are pursuing Ph.D. Many of the students from our department won many prizes in various technical & non-technical competitions. We are racing towards 100 % placement.

ABOUT THE WORKSHOP:

Internet of Things (IoT) is becoming ubiquitous with edge sensor nodes getting more and more intelligent and capable to transmit their information directly to a cloud and also get controlled /actuated from the cloud. The pervasive nature of hooking anything to the Internet which was not thought previously opens up a new era of imagination and deployment for a connected world with endless possibilities. The hands-on workshop covers the architecture of Node MCU which supports Wireless (Wi-Fi standard) connectivity. The workshop is structured and tailored to meet the need of the engineering students, Professors and Research Scholars to get a very good exposure of Internet enabled systems and their applications. Typical applications could be battery powered sensor signal acquisition, processing, connectivity and data management at the Cloud server.



Resource Persons:

The sessions will be handled by the experts from SAI INCUBATION CENTER.

Workshop content:

- Accessing HTTP Web server
- MQTT Protocol
- Accessing Cloud servers
- Real time Applications

Key Takeaways:

- A very good understanding of Internet of Things (IoT) for both monitoring and control and its exploding applications.

One Day Workshop On “Practical Applications on IoT Using Node MCU”

22nd February, 2019

Registration Form

Name :
Designation/Dept :
Institution/Organization :
Educational Qualifications :
Address for Communication :

Mobile Number :
E-mail ID :
Payment Details (DD. No.) :
Amount :
Date :
Bank Name :
Accommodation required : Yes/No

Signature of participant

Sponsorship Certificate

Mr/Ms/Dr _____
_____ is an employee /student of
our Institute/Organization and is hereby sponsored. She/he
will be permitted to attend the seminar if selected.

Place:

Date:

Signature of the Sponsoring Authority