

ABOUT THE COLLEGE

K.S.R. College of Engineering was established in the year 2001 by Aarthi Educational and Charitable trust, approved by AICTE, New Delhi and affiliated to Anna University, Chennai. Our College is an ISO 9001–2008(E) certified and NBA Accredited Institution. The institution is conferred with the Autonomous status by UGC & Anna University, Chennai in the year 2012. Our College offers 7 UG and 13 PG Programs in Engineering, Technology and Management. The College has completed fifteen years of dedicated service in the field of Technical Education with an avowed mission to inculcate the students self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, administrators and entrepreneurs by diligently imparting the best of education, nurturing environmental and social needs.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication was started in the year 2001. The department has won the best e-Governance project from Tamilnadu government. The department has well equipped laboratories and Anna University has recognized the department as Research Centre. The department has well qualified faculty with adequate infrastructure facility for research and development.

SCOPE OF THE PROGRAM

IoT is the network of physical objects or things embedded with electronics, software sensors and network connectivity which enables these objects to collect and exchange data. The IoT allows objects to be controlled

remotely across existing network infrastructure, creating opportunities for more direct integration between the physical world and computer based systems and resulting in improved efficiency, accuracy and economic benefit. When IoT is augmented with sensors and actuators, the technology becomes an instance of the more general class of cyber physical systems which also encompasses technologies such as smart grids, smart homes intelligent transportation and smart cities.

WORKSHOP OBJECTIVES

This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society using IoT. This program serves as a platform for Research Scholars, Faculty, Engineers and Students to interact on cutting edge technologies in IoT.

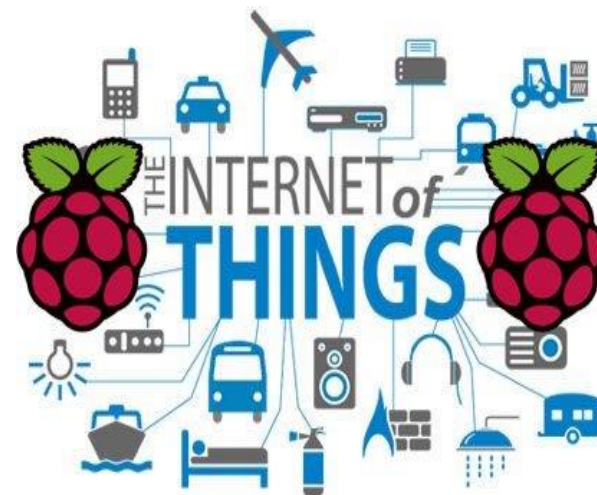
PROGRAMME CONTENT

- What is an IOT, Raspberry Pi processor
- Setting up a Raspberry Pi
- Raspberry Pi Peripherals & Various Interfacing
- Working with a web server to store data and run other applications
- Using Python and MySQL and Getting weather forecast updates
- Hands on Experience on IoT using Raspberry Pi Processor and Robotics Kits
- Discussion of project ideas based on Raspberry Pi

RESOURCE PERSON

The Industry Experts with experience and expertise in IoT design and development.

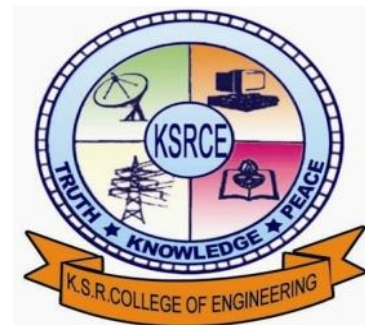
Two Days Workshop on “Internet of Things: Challenges and Applications using Raspberry Pi Processor (IoT-CAR)” 31.07.17 & 01.08.17



Organized by

Department of ECE

K.S.R. College of Engineering,
Tiruchengode, Namakkal District-637215,
Tamilnadu, India.



**Two Days Workshop on
“Internet of Things: Challenges and
Applications using Raspberry Pi
Processor (IoT-CAR)”
31.07.17 & 01.08.17
REGISTRATION FORM**

Name :

Designation :

Organization :

Address :

Mobile. No. :

E-mail :

Student / Faculty /

Industrial Person :

I agree to abide by the Rules & Regulations of the workshop and I will attend the workshop for the entire duration.

Place:

Date:

Signature of the Applicant

SPONSORSHIP

Dr. / Mr. / Ms. _____
is a student / employee of our Institution / Industrial person is permitted to attend the program, if selected.

Place:

Date:

Signature of Head of the
Dept. /Institution with Seal

HOW TO APPLY

The scanned / photocopy / softcopy of filled registration form should be sent via email to

lotrespi2017@gmail.com

***On prior intimation spot registration is also available**

IMPORTANT DATES

Last date for Registration : 25.07.17

Intimation of Selection : 26.07.17

REGISTRATION DETAILS

Selected participants will be informed through E-mail with further **details about the payment of Registration Fee.**

COURSE FEE AND REGISTRATION

Accommodation and boarding if required will be provided in the college campus on chargeable basis.

Participant	Fees
Student UG	600
Student PG	700
Faculty	850
Industrial Person	1000

WHO COULD ATTEND?

- Students seeking future in Embedded and Robotics Industry.
- Robotics enthusiasts who want to accomplish the impossible.
- Any Engineering student of any year and any branch is eligible for this workshop.
- UG & PG students, Research scholars, Faculty members, Engineers from R&D Institutions and Industries.

PATRON:

Lion.Dr.K.S.Rangasamy,MJF

Founder-Chairman

KSR Educational Institutions

Mr.R.Srinivasan

Vice-Chairman

KSR Educational Institutions

CONVENER:

Dr.P.S. Periasamy

Professor & Head /ECE

WORKSHOP COORDINATORS:

P.Sivakumar AP/ECE

S.Senthil Kumar AP/ECE

K.P.Uvarajan AP/ECE

ORGANIZING COMMITTEE:

L.Raja AP/ECE

R.Mahendran AP/ECE

C.Karthik AP/ECE

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Tamilnadu, India.

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For more information about the Workshop

Please write to

lotrespi2017@gmail.com

