

**AICTE- ISTE Sponsored
Induction / Refresher Programme
on
Embedded systems and its Application
in Internet of Things
25th - 30th JUNE 2018**

REGISTRATION FORM

Name: Dr./Mr./Ms./Mrs. _____

Designation: _____

Organization: _____

Address: _____

Pin code: _____ Phone: _____

ISTE Life Membership Number: _____

Mobile: _____

E-mail: _____

Place: _____

Date: _____

Applicant's Signature

ABOUT THE INSTITUTION

The College was established by the V.L.B. Trust in the year 1985, a charitable organization founded by the great Philanthropist & Industrialist, the late Shri. V. L. Balakrishna Naidu. Smt. S. Malarvizhi, Chairperson & Managing Trustee, Dr. K. Sundararaman, CEO and Dr. S. J. K. Jagadeesh Kumar, Principal are at the helm of the administration of the College. They are supported by a team of experienced faculty members. Housed in an area of 130 acres, the college offers its students physical good infrastructure on the most modern lines. Lying at a distance of 10 Kms from Coimbatore city, it is easily accessible from various places.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering with its modern curriculum and syllabus has excelled in offering quality education to students. It has a well-planned infrastructure. With the department faculty actively involved in research and projects, the department provides a perfect platform for the academic and professional development of the Students. Dr. E. Nandakumar with 20 Years of teaching experience is leading the department. The department has conducted many programmes sponsored by different agencies like CSIR, DST, ICMR, ISRO etc. The department has various vibrant clubs like Energy Auditing Club, Green Energy club, Oratory Club etc., focusing on the overall development of students.



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“Embedded systems and its Application
in Internet of Things”**

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Organized by

**Department of Electrical and
Electronics Engineering**



SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution, Approved by AICTE,
Affiliated to Anna University, Chennai)
**Kovaipudur, Coimbatore,
Tamil Nadu - 641 042, INDIA**

OBJECTIVE

In the modern world, the role of embedded systems and IoT is all disseminated. IoT is bringing many things that have traditionally been part of embedded systems into the mainstream - and extending the model with greater interoperability and integration with cloud-based back-end systems. Conventional Embedded Systems are not competent to deliver what the IoT is expecting from an embedded device networked in IoT and it brings great challenges to develop or transform contemporary embedded system into an IoT enabled smart embedded system.

Familiarity with embedded systems is a great starting point. When embedded systems meet IoT, the challenge is in your ability to adapt to this faster moving, longer life, highly scalable, interoperable, commodity-based environment. With IOT, management of devices at the edge requires intelligence throughout the system, including device-level execution capabilities, remote management and provisioning capabilities at the gateway and cloud-based delivery of software updates.

TOPICS OUTLINE

- Embedded Systems - Introduction
- Interfacing sensors and actuators with hardware

- Embedded system testing & Low power embedded design Techniques
- Overview of IoT and its roadmap, Opportunities & Challenges in implementing IoT Solutions.
- Serial Interface and VISA programming in LabVIEW
- Hands-on Application Development - IoT
- The Future through 'G' Approach - IoT

ABOUT RESOURCE PERSONS

Resource Persons from reputed Academic Institutions and Industry related to Embedded Systems and IoT will handle the Sessions.

INTENDED AUDIENCE

Academicians, Faculty Members and Research Scholars from AICTE approved Institutions.

REGISTRATION

Limited to 40 participants on First-Come First Served basis.

Free Registration

Completed application forms should be sent to k.vishnumurthy@skct.edu.in on or before 15th June 2018. The selected participants will be intimated through mail on 17th June 2018.

For further correspondence contact:

Contact No:

9486008600, 7200585852

ORGANIZING COMMITTEE

Chief Patron

Ms. S. Malarvizhi

Chairperson and Managing Trustee
Sri Krishna Institutions

Patron

Dr. K. Sundararaman

Chief Executive Officer
Sri Krishna Institutions

Chair

Dr. S. J. K. Jagadeesh Kumar

Principal
Sri Krishna College of Technology

Convenor

Dr. E. Nandakumar,

Associate Professor & Head
Department of EEE
Sri Krishna College of Technology

Organizing Secretary

Dr. S.Vimalraj, Associate Professor,
Department of EEE
Sri Krishna College of Technology

Coordinators

Ms.S.Sanjana Devi

Mr. K.Vishnu Murthy,

Ms. J.Joys Nancy,

Mr.A.Prakash

Department of EEE,
Sri Krishna College of Technology.