## Institute Mission

To consistently strive for Academic Excellence to become a leading Institution in the field of Engineering, Management and Research to produce competent and ethically sound manpower for the benefit of Industry, Society, Nation and the Global Environment.

## STTP outcomes:

1. To Understand IoT concepts, underlying technologies, and migration of M2M to IoT.
2. To Analyze the various features of IoT standard protocols and platforms.
3. To Understand cloud platforms and interface IoT with cloud platforms.
4. To Understand the interface concepts with networks.
5. To Design and develop real world IoT application.

## Program Contents:

Day1: Arduino Software Introduction, Arduino Uno Introduction, Actuators Interfacing Part - 1

Day2: Actuators Interfacing Part – 2, Sensors Interfacing Part – 1, Sensors Interfacing Part - 2

Day3: NodeMCU Programming, Internet of Things and its Applications

Day4: Rasberry pi OS Installation, Sensors Interfacing with Rpi, Actuators Interfacing with Rpi

Day5: SQLite on Rasberry pi Projects, Artificial Intelligence in IoT, An Overview of IoT Hardware Circuit Design using Tinkercad Online simulation tool

Day6: Security and Privacy in Internet of Things, Assessment

## COPATRONS

**Dr.T.Chandrashekar,**
Principal, RRCE
**Dr.S.Usha**
**Prof & HOD,**
Dept of Computer Science & Engineering, Bengaluru -74.

## COORDINATORS

**Dr. Kamal Raj**
**Mr. Prabaharan J**
Dept. of Computer Science & Engineering

## About RRCE

RajaRajeswari College of Engineering came into existence in 2006 with the objective of becoming a center of excellence in technical education. In less than a decade it has carved a reputation for itself as an institution that makes a positive difference in the lives of its students.

## Department of Computer Science and Engineering

Dept. of CSE was established in 2006 with an intake of 60. It has been raised to 120 in the year 2013- 14 and now to 180 in the year 2015-16. CSE department is rich enough to organize and encourage Students, teaching & non staffs by conducting various events like workshops, technical seminars, expert lectures FDPs, industry visits and National/International conferences etc.

## Institute Vision

To provide an open opportunity to young generation for evolving their core competencies helping them to build their career as Global professionals to be an Autonomous Institution by achieving excellence in the field of higher education.

## RAJARAJESWARI COLLEGE OF ENGINEERING

**#14, RAMOHALLI CROSS, KUMBALGODU MYSORE ROAD, BENGALURU-560074 KARNATAKA, INDIA.**

## Six Days Short Term Training Program

### on

*"Internet of Things and its Applications"*

**03rd MAY – 08th MAY 2021**

### Organized By

### Department of Computer Science & Engineering

### CHIEF PATRON

**Dr. A.C. Shanmugam, B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)**
Chairman, RajaRajeswari Group of Institutions, Bengaluru.
**Sri. A. C. S. ArunKumar**
Vice-Chairman, RajaRajeswari Group of Institutions, Bengaluru.

### PATRONS

**Dr. S. Vijayanand**
Executive Director, RajaRajeswari Group of Institutions, Bengaluru.
**Sri. S. Jeyabalan**
Special Officer, RajaRajeswari Group of Institutions, Bengaluru.
**Sri. C.N. Seetharaman (Retd IAS Officer)**
CEO, RajaRajeswari Group of Institutions, Bengaluru.

## Rajarajeswari College of Engineering
### Department of
### Computer Science & Engineering

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## Resource Persons

Eminent resource persons from industry are invited to deliver the course content.

## REGISTRATION DETAILS

Faculty/ Research Scholar: Rs.500/-
• Last Date for Registration: 01.05.2021
• Intimation of Selected Candidates: 02.05.2021

## REGISTRATION PROCESS

Registration fee will be paid through online mode, the account details for this purpose is

Account Name: RajaRajeswari College of Engineering

Account No: 263701000032

Bank Name: ICICI Bank

Branch: Kumbalgodu

IFSC Code: ICIC0002637

MICR Code: 560229075

## Link for registration

Copy the link and paste in browser

**https://forms.gle/bm31ZFG4VMEZ56Po7**

## PARTICIPANTS

• Teaching and Technical staff from AICTE approved Engineering Colleges and Students
• Industry professionals
• Research Scholars