

## ABOUT THE INSTITUTION

K.Ramakrishnan college of Technology (KRCT) is located at Samayapuram, the temple town of Tiruchirappalli district. The college was established in 2010 by K. Ramakrishnan Educational Charitable Trust. The Institution is approved by AICTE and affiliated to Anna University, Chennai and accredited by ISO & NAAC with A+ grade. The college maintains high standards in education, provides a wide array of world class academic facilities, employs highly qualified and experienced faculty and creates an ambience and conducive to nurture standard education. The college has consistently secured ranks within top 25 since it is established. The college has been ranked at 22nd place as an Outstanding Engineering College of Excellence in India in CSR-GHRDC Engineering Colleges Ranking in India.

### INSTITUTE VISION

To serve the society by offering top-notch technical education on par with global standards.

### INSTITUTE MISSION

We will strive to

M1: Be a centre of excellence for technical education in emerging technologies by exceeding the needs of the industry and society.

M2: Be an institute with world class research facilities.

M3: Be an institute nurturing talent and enhancing the competency of students



## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in 2010. It has well qualified, committed and motivated faculties. The faculty team continuously motivates the students to be recognized as in international leader in engineering arena, research and the application of knowledge to uplift society by conducting seminar, workshop regularly. The Department Faculties and Students are also powered by the IEEE, ISTE, SEMCE and IETE Professional Societies. Currently, the department offers a UG program (B.E.) in Electronics and Communication Engineering and PG program (M.E.) in Embedded System Technologies.

### DEPARTMENT VISION

To create innovative and social liable Electronics and Communication Engineers with design skills and research focus to meet Societal and Industrial needs.

### DEPARTMENT MISSION

M1: To provide high quality and value education and professional ethics to students through enhanced learning environment.

M2: To import a creative environment towards centre of excellence in department with design skill and exposure for research.

M3: To nurture required employable skills of students to satisfy the industry and social needs with ethical and human values.

### REGISTRATION FORM

Name : \_\_\_\_\_

Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Institution / Organization: \_\_\_\_\_

Communication Address: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Email Id : \_\_\_\_\_

Accommodation Needed : YES / NO

Payment Details:

DD No. :

Bank & Branch :

Amount: \_\_\_\_\_ Date: \_\_\_\_\_

(Rs. \_\_\_\_\_)

Signature of the Participant

Declaration:

Mr./Ms./\_\_\_\_\_

Belongs to our institution and will attend the One Day Workshop on "Design of Microstrip Antenna".

Signature of the Authority



One Day Workshop  
On  
Design of Microstrip Antenna

19<sup>th</sup> September 2019

In association with SEMCE



&  
K. RAMAKRISHNAN COLLEGE OF  
TECHNOLOGY

Accredited by ISO & NAAC with A+ grade  
(Affiliated to Anna University & Approved by AICTE)  
Samayapuram, Tiruchirappalli, Tamilnadu – 621 112.  
[www.krct.ac.in](http://www.krct.ac.in)

## ORGANIZING COMMITTEE

### Chief Patron

Dr. K. Ramakrishnan, Chairman,  
K. Ramakrishnan Group of Institutions

### Patron

Dr. S. Kuppusamy, Executive Director, KRGI  
Dr. S. Muruganandam, Principal, KRCT

### Organizing Chair

Mr.S.Syedakbar, HoD/ECE, KRCT.

### Coordinators

Mr.S.Prasad Jones Christydass, AP/ECE/KRCT  
Mr.A.Manjunathan, AP/ECE/KRCT

### ADDRESS FOR COMMUNICATION

The Coordinator, DMA -2019, Department of ECE,  
K.Ramakrishnan College of Technology,  
Trichy – 621 112.

Phone No.: 8148967933, 9600607706

Mail id: [semceeve@gmail.com](mailto:semceeve@gmail.com)

Whatsapp No: 8148967933

Website link: [www.krct.ac.in](http://www.krct.ac.in)

## What you can expect.....

### **ABOUT THE SEMINAR:**

As the bridge for development in RF field, the Society of EMC Engineers Sponsored One Day Workshop on “Design of Microstrip Antenna” is organized in our Department on 20.09.2019 This will make the participants to enrich their knowledge in research and design methodologies of RF antenna along with the simulation tools hands on experience. This workshop has the objective of covering the design and fabrication of antenna.

### **Microstrip Antenna:**

Microstrip antenna (also known as a printed antenna) usually means an antenna fabricated using microstriptechniques on a printed circuit board (PCB). They are mostly used at microwave frequencies. An individual microstrip antenna consists of a patch of metal foil of various shapes (a patch antenna) on the surface of a PCB, with a metal foil ground plane on the other side of the board. Most microstrip antennas consist of multiple patches in a two-dimensional array. The antenna is usually connected to the transmitter or receiver through foil microstrip transmission lines. The radio frequency current is applied (or in receiving antennas the received signal is produced) between the antenna and ground plane. Microstrip antennas have become very popular in recent decades due to their thin planar profile which can be incorporated into the surfaces of consumer products, aircraft and missiles; their ease of fabrication using printed circuittechniques; the ease of integrating the antenna on the same board with the rest of the circuit, and the possibility of adding active devices such as microwave integrated circuits to the antenna itself to make active antennas.

### **Registration Link:**

[https://docs.google.com/forms/d/e/1FAIpQLSdoij8LvIjIUObbev7jvgi64GRe3rpJAyq8y8fH550VXyx2Ctw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdoij8LvIjIUObbev7jvgi64GRe3rpJAyq8y8fH550VXyx2Ctw/viewform?usp=sf_link)



## IMPORTANT DATES

Registration Deadline : 17.09.2019

Registration Confirmation: 18.09.2019

## WHO CAN ATTEND THIS WORKSHOP?

- Faculties from ECE Department
- UG/PG ECE Students
- Researchers & scientist in the EMF, RF & Microwave domain.

REGISTRATION FEE: Rs. 300/- for UG Students & Rs. 350/- for PG Students, Reseach scholars & faculty  
**On Spot registration also accepted (with prior permission from us through mail)\***

The Registration fee should be paid through demand draft drawn in favor of “The Principal, K. Ramakrishnan College of Technology” payable at Trichy.

**Accommodation will be provided in the college campus for the delegates on prior requisition from participants in paid basis. Accommodation & food charges: Rs. 250/Day**