

## REGISTRATION FORM

### National Level Seminar on “Microstrip Patch Antenna Design Using ADS Tool”

1<sup>st</sup> September 2017

Full Name :

Gender :

Qualification :

Designation :

Organization :

Address :

Registration Details :

Bank Name/ DD No :

Amount :

Date :

Contact No :

Email :

Declaration:

The information provided is true to the best of my knowledge. If selected I agree to abide by rules and regulations of course and attend the course for entire duration.

Signature of the applicant

## ORGANISING COMMITTEE

Chief Patron : **Dr.R.Vasanthakumar**  
Chairman and Managing Trustee  
Karpagam Institutions.

Patron : **Shri.K. Murugaiah**  
CEO,  
Karpagam Institutions

Chairman : **Dr. P. Vijayakumar**  
Principal  
Karpagam College of Engineering

Convenor : **Dr. P. Sivakumar**  
Professor and Head/ETE

Coordinators : **Ms.M.Abirami and  
Ms.P.Divyabharathi,**  
Assistant Professor/ETE

### FOR FURTHER INFORMATION CONTACT

( Send the filled registration form along with  
original DD to )

**Ms.M.Abirami,**  
Assistant Professor,  
Dept of ETE,  
Karpagam College of Engineering,  
Myleripalayam, Othakkalmandapam(PO),  
Coimbatore – 641 032.  
Tamil Nadu.  
Ph: +918870171834, +7373250678  
Email : abiramimanoharanece@gmail.com

Softcopy of registration form is available at  
[www.kce.ac.in](http://www.kce.ac.in)



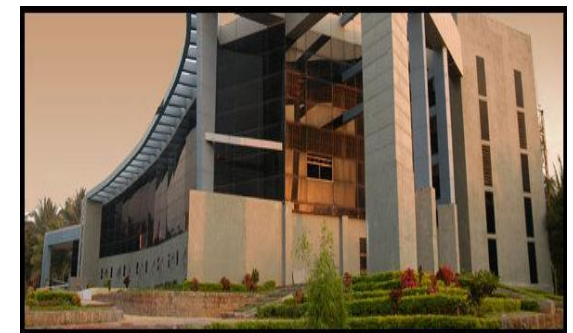
&  
**Department of  
Electronics and Telecommunication  
Engineering**



in association with

IEEE EDS (COIMBATORE CHAPTER)  
&  
IETE  
**Organize**

National Level Seminar on  
“Microstrip Patch Antenna  
Design Using ADS Tool”  
1<sup>st</sup> September 2017



## ABOUT THE COLLEGE

The Karpagam College of Engineering, established in the Year 2000, is an Autonomous Institution, Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai. The college offers various Under Graduate and Post Graduate Engineering programmes. The College is accredited by NAAC with 'A' Grade, TCS, Wipro and NBA accredited 4 departments Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Information Technology. The college has an Innovation Centre to explore the innovative ideas of students and Faculties.

## ABOUT THE DEPARTMENT

The Department of ETE was started in 2011, has qualified faculty members, well-equipped with state of the art equipment to explore the technological challenges in the area of DSP, VLSI, Devices, modeling MEMS, Communication systems, RF and Microwave Engineering, Microprocessors and Microcontrollers & Networking. The main objective of the department is to produce talented and zealous Electronics and Telecommunication Engineers to satisfy the industrial needs. The department has Centre of Excellence in VLSI and to bring young minds with exploring ideas.

## THE OBJECTIVE

The objective of this seminar is to visualize the needs of microstrip patch antenna which is widely used in all the wireless applications. Main cause of this seminar is to broadcast the design and development process of Microstrip patch antenna using ADS tool to all communication engineer. This seminar will tune and stimulate your views towards design and implementation of patch antenna using ADS tool and fabrication testing with network analyzer equipment.

## TOPICS TO BE COVERED

- Basics about antenna
  - Types of antenna
  - Types of polarization
  - Types of Radiation pattern
  - Antenna and its applications
- Microstrip patch antenna and its needs
  - Types of patch antenna
  - Various feeding techniques used
  - Applications of patch antenna
- Design process
  - Mathematical calculations to be derived
  - Materials to be used for patch design
- Design and Simulation using ADS Tool
  - Design procedures
  - Simulation of patch antenna
  - Active measurements
- Testing by Network analyzer
  - Hardware design process
  - Passive measurements by network analyzer.
- Recent trends in microstrip patch antenna and its future developments.

### Prerequisite:

- Basic Knowledge about antenna.

### Software used:

- Advanced Design System (ADS) Tool

### Hardware used:

- Network analyzer

## IMPORTANT DATES

Last Date for receipt of Application	25.08.2017
Acknowledgement for the participants	26.08.2017
Workshop date	01.09.2017

## REGISTRATION FEES

UG Students	Rs.300
PG Students	Rs.350

### \*No Spot registration

Demand Draft to be drawn in favor of “**The Principal, Karpagam College of Engineering**” Payable at Coimbatore.

\*Registration fee includes Certificate, Lunch and Refreshment

### In association with

