

## ABOUT THE INSTITUTE

The Lakireddy Bali Reddy College of Engineering (LBRCE) was established in the year 1998 by LakireddyBali Reddy Charitable Trust, whose architect is Er.LakireddyBali Reddygaru. The institute is established with the sole aim of providing high quality educational opportunities in the field of science, engineering, technology and management. It is spread over 60 acres of sprawling lush green landscape spotted with orchids and grooves. It is approved by AICTE, affiliated to JNTUK, Kakinada and attained autonomous status in the year 2010. It attained NAAC accreditation status with 'A' Grade.

LBRCE has sophisticated infrastructure with dedicated, well qualified and experienced faculty. A separate R&D cell is established in the college to focus on continuous sponsored research. It has various sponsored research projects by various funding agencies. All laboratories are equipped with state-of-the art facilities backed by advanced computer systems with latest software. The library is equipped with adequate volumes of books, journals with digital library facility.

## ABOUT THE DEPARTMENT

TheDepartmentofECE was started in the year 1998. It offers undergraduate program accredited by NBA (Tier-I) and NAAC of UGC New Delhi. The Dept is recognized as a Research Centre by JNTUK Kakinada. The Department has well qualified, dedicated faculty with good laboratory facilities including equipment required for research work. The faculties are actively engaged in research activities in their areas of specialization.

In R&D, we got DST projects and AICTE projects worth of Rs.65 Lakhs. AICTE has sanctioned Rs.10 Lakhs for the modernization of DSP/ECAD/EC Simulation Lab under MODROBS scheme in the year 2010.Signal Processing Lab has MATLAB R16a version,ECAD Lab has advanced FPGA boards Spartan 3E, Spartan6,Virtex 5, Ansys 18,Virtex II PPro for Embedded system design.

## ABOUT THE PROGRAMME

This Program is designed to provide a platform for the students with a view to explore and exchange the information on the progress of research and development in Microstrip patch antenna technology. This course focuses on the knowledge about applications of advanced artificial materials to the antenna design and to create concrete foundation for further implementation of Communication Devices using HFSS software by bringing together the participants and industrial experts to provide a platform to acquaint & share new ideas in the field.

In this course all the participants will have hands-on experience with the antenna simulation tool HFSS and able to design, simulate and solve their Ph.D. work.

## RESOURCE PERSONS

**Mr. Aakash, Application Engineer,**  
**Mr. Sudheerkumar, Application Engineer**  
ARK Info Solutions PvtLtd,Hyderbad

**LAKIREDDY BALIREDDY COLLEGE OF  
ENGINEERING (AUTONOMOUS)  
MYLAVARAM – 521 230**

**DEPARTMENTS OF ECE is Organizing  
A Certification Program on  
“Design and Analysis of Antennas using  
ANSYS HFSS”**

17<sup>th</sup>–22<sup>nd</sup> Aug, 2017

## REGISTRATION FORM

1. **Name:** \_\_\_\_\_
- 
2. **Branch:** \_\_\_\_\_
3. **Registration No:** \_\_\_\_\_
4. **Address for Correspondence**  
\_\_\_\_\_  
\_\_\_\_\_
5. **Phone no:** \_\_\_\_\_
6. **E-Mail:** \_\_\_\_\_

### Declaration

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

**Place:**

**Date:**

**Signature of Applicant**

**Signature of Head of Department  
(With seal)**

## ELIGIBILITY

The program is open to all students of ECE.

## ABOUT MYLAVARAM

Mylavaram is situated at a distance of 40 Km. from Vijayawada. Participants can reach Mylavaram by boarding buses (at Vijayawada) run by APSRTC towards Tiruvur, Kothagudem&Bhadrachalam and city bus services (Bus number 350).

## REGISTRATION PARTICULARS

### Registration Fee:

Participants are informed to pay the registration amount of Rs 1500/--(Online/Bank) to the following account number.

Account Name: LBRCE HOD ECE

Account Number: 3578620516.

Note:Online Receipt should be submitted on the day of Registration.

## IMPORTANT INFORMATION

Last Date for Submission of Registration form:  
**10. 08. 2017**

Address for Correspondence:

**Mr.B Siva Hari Prasad,  
Mr.MSambasivaReddy,**

**Contact No's:**

9985593978&9949574865.

Lakireddy Bali Reddy College of  
Engineering (Autonomous)

Mylavaram- 521 230, Krishna (Dt) A.P.

E-mail: [hodece@lbrce.ac.in](mailto:hodece@lbrce.ac.in)

## COURSE CONTENTS:

- Introduction to ANSYS HFSS Software
- Design of Patch Antenna With all Results
- Wired Dipole Antenna
- Circular Waveguide Antenna
- Helical Antenna
- Dual Probe feed Antenna

*A Certification Program on  
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using ANSYS HFSS" 17<sup>th</sup> –22<sup>nd</sup> Aug,*



Chief Patrons

**Er.Lakireddy Bali Reddy**

*Chairman*

**Sri LakireddyJayaPrakash Reddy**

*Managing Trustee*

**Sri Lakireddy Prasad Reddy**

*Vice-Chairman*

**Sri G. Srinivasa Reddy**

*President, LBRCT*

**K.Timma Reddy**

*Director Infra.*

Patrons

**Dr. K.AppaRao,**

*Principal*

**Dr. K.Srinivasa Reddy**

*Vice-Principal*

Convener

**Prof. B. Ramesh Reddy,**

*Professor&HOD*

*Dept. of ECE*

Co-ordinators

**Mr.B.SivaHariPrasad ,**

*Sr. Assistant Professor*

**Mr. M.Sambasiva Reddy,**

*Assistant Professor*

*Organized by:*

DEPARTMENTS OF ECE

LAKIREDDY BALIREDDY COLLEGE

OFENGINEERINGMYLAVARAM KRISHNA (Dt), A.P.