



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh


29.09.2021

Value added courses Brochure / course content

Index

Name of the value added courses (with 30 or more contact hours) offered	No. of times offered in the year	Duration of the course	Page No.
A.Y: 2015-16			
One Week Workshop on MTA Certification course	1	26-09-2015 To 05-10-2015	3-4
MTA Training and certification program	1	21-11-2015 To 29-11-2015	5-7
one week workshop on Android Technologies	1	20-07-2015 To 25-07-2015	8
NSS Special Camp	1	30-03-2016 To 05-04-2016	9
Certification Course on CISCO CCNA Routing & Switching - Introduction to Networks	1	31-03-2016 To 15-06-2016	10-11
A.Y: 2016-17			
Five-Day Skill Development Training Program on 'Industrial Automation and SCADA'	1	24-09-2016 To 28-09-2016	12-13
A 5-Day Workshop on Problem Solving and Data Structures for Employability Enhancement	1	30-08-2016 To 03-09-2016	14-15
A five day workshop on Big Data Analytics	1	06-09-2016 To 10-09-2016	16-17
A Five day Workshop on Problem Solving and Data Structures for Employability Enhancement	1	06-09-2016 To 10-09-2016	18-19
A.Y: 2017-18			
A Five Day Student Certification Programme on Advanced CATIA	1	02-01-2018 To 06-01-2018	20-21
A Six Day Student Certification Programme on Advanced ANSYS	1	26-02-2018 To 03-03-2018	22-23
Second Phase CRT program Conducted By FACE	1	03-07-2017 To 08-07-2017	24-25
TCS Codevita Specific training programme	1	10-07-2017 To 14-07-2017	26-27
College to Corporate Technical skills training program by IIT Bombay	1	20-02-2018 To 18-03-2018	28-29

A certification program on Design and Analysis of RF Antennas using Ansys HFSS	1	17-08-2017 To 22-08-2018	30-31
LABVIEW Training : Module - I	1	13-12-2017 To 12-01-2018	32-33
Certification program on Programmable logic controllers - Fundamentals and Advanced	1	07-05-2018 To 12-05-2018	34-37
Five day training program on ANSYS software and its application to Electrical Engineering	1	18-12-2017 To 22-12-2017	38-40
A.Y: 2018-19			
A Two week certification training program on AutoCAD	1	19-11-2018 To 01-12-2018	41-43
A one week certification program on, IoT Fundamentals 2018-2019	1	19-11-2018 To 26-11-2018	44-46
Five-Day skill Development Program on Industrial automation using SCADA, PLC & IOT	1	11-02-2019 to 15-02-2019	47-48
NI LabVIEW Module - II (Hands on Training on myDAQ)	1	19-11-2018 To 24-11-2018	49-50
NI LabVIEW Module - III (Hands on Training on myRIO)	1	19-11-2018 To 30-11-2018	51-52
A Five Day Student Certification Program on "FEA Using ANSYS"	1	17-12-2018 To 21-12-2018	53-54
SCI Lab	1	19-11-2018 to 29-11-2018	55-56
Five Day Certification Program on MEMS modeling using ANSYS	1	21-08-2018 To 26-08-2018	57-59
A.Y: 2019-20			
Microsoft Certification Program on Data Science with Python	1	26-08-2019 To 31-08-2019	60
Dassault Sytems Global Certification Exam	1	03-12-2019 To 06-12-2019	61-65
Two-Week Certificate Training Programme on Python For Everybody	1	14-05-2019 To 27-05-2019	66-67
5 days workshop on PAYTHON programming	1	28-01-2020 To 01-02-2020	68
E-Box Training programme	1	13-12-2019 To 13-04-2020	69-70
Online Certification Course on Programming Essentials of C++	1	15-05-2020 To 24-05-2020	71-72
Augmented Reality & Virtual Reality Workshop	1	04-03-2020 To 10-03-2020	73-76


 Principal
 Lakireddy Balireddy College of Engg.
 MYLAVARAM - 521 230.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC, ISO 9001:2008 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

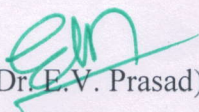
Date: 24-09-2015

CIRCULAR

Microsoft Innovation Center

A One week workshop on MTA Certification Course has been scheduled from 26-9-2015 to 05-10-2015. All the interested B.Tech. , MCA students are required to register the programme and utilize the opportunity to up skill your technical knowledge.

Sl.No.	Date	Time	Duration
1	26-09-2015	9:00 Am to 4:00 PM	6 hours
2	28-09-2015	9:00 Am to 4:00 PM	6 hours
3	29-09-2015	9:00 Am to 4:00 PM	6 hours
4	30-09-2015	9:00 Am to 4:00 PM	6 hours
5	01-10-2015	9:00 Am to 4:00 PM	6 hours
6	03-10-2015	9:00 Am to 4:00 PM	6 hours
7	05-10-2015	9:00 Am to 4:00 PM	6 hours


(Dr. E.V. Prasad)

Director

CC: i) Principal ii) MIC iii) Dean School of Computing iv) All HOD's

v) To be read out in class rooms



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC, ISO 9001:2008 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

One week workshop on MTA Certification Course (from 26-09-2015 to 05-10-2015)

Contents to be covered:

Software Development Fundamentals

1. Understanding Core Programming.
2. Object Oriented Programming
3. General Software Development.
4. Web Applications
5. Desktop Applications.
6. Data Bases

HEAD
Dept. of Computer Science and Engg.
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P.

INTRODUCTION

Windows 8 is a computer operating system developed by Microsoft. Windows 8 introduced major changes to the operating system's platform and user interface to improve its user experience on tablets, where Windows was now competing with mobile operating systems, including Android and iOS. In particular, these changes included a touch-optimized Windows shell based on Microsoft's "Metro" design language, the Start screen (which displays programs and dynamically updated content on a grid of tiles), a new platform for developing "apps" with an emphasis on touchscreen input, integration with online services (including the ability to synchronize apps and settings between devices), and Windows Store, an online store for downloading and purchasing new software. Windows 8 added support for USB 3.0, Advanced Format hard drives, near field communications, and cloud computing. Additional security features were introduced, such as built-in antivirus software, integration with Microsoft SmartScreen phishing filtering service and support for UEFI Secure Boot on supported devices with UEFI firmware, to prevent malware from infecting the boot process.

Course Contents:

- Introduction to databases
- About SQL
- Views
- Transactions
- Procedures
- Triggers

ELIGIBILITY

The programme is open to all the CSE/IT/MCA dept. faculty members, UG and PG students and Research scholars in the area of all AICTE approved Engineering colleges.

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinator on or before 10th September, 2015. Registration fee of Rs.2000/- is to be sent along with the application form in favour of "Co-coordinator of workshop payable at Mylavaram, drawn on any nationalized bank. The application and DD may also be scanned and sent through e-mail to the coordinator; so as to reach on or before 17.10.2015 and **selection will be intimated only through email.**

Spot registration is also permitted.

ACCOMMODATION

Boarding & lodging will be provided to all the participants free of cost at LBRCE hostels on request.

ABOUT THE DEPARTMENT

The Department of CSE is established in the year 1998 and offers an undergraduate program in Computer Science & Engineering. The Department has well qualified faculty and good laboratory facilities. All the laboratories are well equipped with state of the art experimental sets, both in quality and quantity, which brings the number of students per batch of two. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

LAKIREDDY BALI REDDY COLLEGE OF
ENGINEERING (AUTONOMOUS)
MYLAVARAM – 521 230
DEPARTMENT OF CSE

ONE WEEK WORKSHOP
ON
"MTA Certification Course"
26th September – 5th October, 2015

REGISTRATION FORM

21. Name: _____
22. Designation: _____
23. Qualification: _____
24. Institution : _____
25. Whether the Institution has AICTE recognition
Yes/no
26. Professional Experience: _____
27. Areas of interest: _____
28. Address for Correspondence with email &
Phone no: _____
29. Accommodation Required: _____ Yes/No
30. DD Particulars: Amount Rs. _____ No. _____

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 the Applicant



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.REDDY NAGAR, MYLAVARAM – 521 230. A.P. INDIA
Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi
NAAC Accredited with "A" grade, Accredited by NBA
New Delhi & Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 - 222931

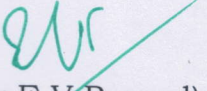
Date: 12-11-2015

CIRCULAR

Microsoft Innovation Center

MTA training and certification program scheduled from 14th NOV has postponed to 21st NOV as shown below. Interested II B.Tech and MCA students can register their names by paying Rs.2000/- with N.Sree Ram MIC office in charge LBRCE on or before 20-11-2015.

Sl.no	Date	Time	Duration
1	21-11-2015	9:00 AM to 4:00PM	6 hours
2	22-11-2015	9:00AM to 4:00pm	6 hours
3	23-11-2015	1:00PM to 4:00PM	3 hours
4	24-11-2015	1:00 PM to 4:00PM	3 hours
5	25-11-2015	1:00 PM to 4:00PM	3 hours
6	26-11-2015	1:00PM to 4:00PM	3 hours
7	27-11-2015	1:00PM to 4:00PM	3 hours
8	28-11-2015	9:00AM to 4:00PM	6 hours
9	29-11-2015	9:00AM to 4:00pm	6 hours


(Dr.E.V.Prasad)
Director

CC: i) Principal ii) MIC iii) Dean School of Computing iv) All HOD s
v) To be read out in class rooms



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC, ISO 9001:2008 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MTA Training and Certification Programme (from 21-11-2015 to 29-11-2015)

Contents to be covered:

Software Development Fundamentals

1. Understanding Core Programming.
2. Object Oriented Programming
3. General Software Development.
4. Web Applications
5. Desktop Applications.
6. Data Bases

HEAD

Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P,

INTRODUCTION

Android delivers a complete set of software for mobile devices: an operating system, middleware and key mobile applications. Android was built from the ground-up to enable developers to create compelling mobile applications that take full advantage of all a handset has to offer. It was built to be truly open. For example, an application can call upon any of the phone's core functionality such as making calls, sending text messages, or using the camera, allowing developers to create richer and more cohesive experiences for users. Android is built on the open Linux Kernel. Furthermore, it utilizes a custom virtual machine that was designed to optimize memory and hardware resources in a mobile environment. Android is open source; it can be liberally extended to incorporate new cutting edge technologies as they emerge. The platform will continue to evolve as the developer community works together to build innovative mobile applications.

Course Contents:

- Overview of Android technologies
- Applications of App development in various outlets
- Usability of application
- Various platforms to develop android applications.
- Server and user domains
- Integrating with servers
- Introduction database connections
- Sample Project

RESOURS PERSONS

Resource persons are drawn from premier Institutions i.e. IIT, NIT, IIIT, other premier Institutions & from industry

ELIGIBILITY

The programme is open to all the CSE/IT/MCA dept. faculty members, UG and PG students and Research scholars in the area of all AICTE approved Engineering colleges.

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinator on or before 10th July, 2015. Registration fee of Rs.1000/- is to be sent along with the application form in favour of "Co-coordinator of workshop payable at Mylavaram, drawn on any nationalized bank. The application and DD may also be scanned and sent through e-mail to the coordinator; so as to reach on or before 15.07.2015 and **selection will be intimated only through email.**

Spot registration is also permitted.

ACCOMMODATION

Boarding & lodging will be provided to all the participants free of cost at LBRCE hostels on request.

ABOUT THE DEPARTMENT

The Department of CSE is established in the year 1998 and offers an undergraduate program in Computer Science & Engineering. The Department has well qualified faculty and good laboratory facilities. All the laboratories are well equipped with state of the art experimental sets, both in quality and quantity, which brings the number of students per batch of two. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

LAKIREDDY BALI REDDY COLLEGE OF
ENGINEERING (AUTONOMOUS)
MYLAVARAM – 521 230
DEPARTMENT OF CSE

ONE WEEK WORKSHOP
ON
"ANDROID TECHNOLOGIES"
20th – 25th July, 2015

REGISTRATION FORM

31. Name: _____
32. Designation: _____
33. Qualification: _____
34. Institution : _____
35. Whether the Institution has AICTE recognition
Yes/no _____
36. Professional Experience: _____
37. Areas of interest: _____
38. Address for Correspondence with email &
Phone no: _____

39. Accommodation Required: Yes/No _____
40. DD Particulars: Amount Rs. _____ No. _____

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 the Applicant

A.Y 2015-16-NSS Special Camp-March 2016 -Schedule



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(Autonomous)
L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi
Accredited by NAAC "A" Grade and NBA, New Delhi &
Certified by ISO 9001:2008 Website: <http://www.lbrce.ac.in>

Invitation of NSS SPECIAL CAMP from 30-03-2016 to 05-04-2016

Location: Pondugala Village, Mylavaram Mandal

Sub: NSS Special camp 2015-16 A.Y Schedule - Reg

College NSS Unit is going to conduct NSS Special Camp which is scheduled to be organized in Pondugala Village (Mylavaram Mandal) from 28-03-2016 to 05-03-2016.

Total Number of Participants: 50 students

Location: Pondugala Village, Mylavaram (Mandal)

Day & Date	Nature of Activities	Team of Doctors
30-03-2016 (Wednesday)	i) Inauguration ii) Awareness Program on Heart Problems ii) Medical Camp by Ramesh Hospitals Team-Vijayawada iii) Distribution of Free Medicines to all	Dr. Amar Kanth M.D., D.M Senior Cardiologist
31-03-2016 (Friday) TNU	i) Awareness Program on Dental Problems, Gynec Problems and Orthopedic Problems ii) Medical Camp by Lalitha Smile Clinic and Sowjanya Hospitals, Vijayawada iii) Distribution of Free Medicines to all	1. Dr. Durga Kshitish M.D.S Dental Surgeon (Lalitha Smile Clinic-Vijayawada) 2. Dr. A.S. Rao M.D Orthopedic Surgeon (Sowjanya Hospitals-Vijayawada) 3. Dr. K.L. Sowjanya Gynaecologist (Sowjanya Hospitals-Vijayawada)
01-04-2016 (Friday) PT	i) Awareness Program on House, Public Places Cleaning ii) Swatch Bharath Program	
02-04-2016 (Saturday)	i) Awareness Program on Eye Problems ii) Eye Camp by Ayan Eye Hospitals-Vijayawada	Dr. Basheer M.D., D.O Pheaco Surgeon Ayan Eye Hospitals-Vijayawada
03-04-2016 (Sunday)	i) To collect data on school dropouts ii) To motivate children to education.	
04-04-2016 (Monday)	i) Awareness children health problems. ii) Use of Govt. authorized cards such as Aadhar card, Ration Card, Voter Card and use of gas for ladies	Dr. B. Venkateswara Reddy Dr. N. Srinath Chandra M.B.B.S., D.C.H
05-04-2016 (Tuesday)	i) Computer Awareness Program to School Teachers ii) Entertainment Programs to School Childrens iii) Closing Ceremony (Evening)	

(Dr. E. V. Prasad)

Director

Lakireddy Bali Reddy College of Engg
MYLAVARAM-521230



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

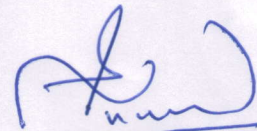
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Dt: 21-03-2016

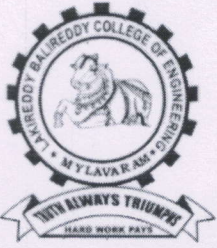
CIRCULAR

It is to inform to all B. Tech III year CSE & IT students that a Training programme for a certification course on “**CCNA: Routing & Switching-Introduction to Networks**” organised by CSE Department in Association with Cisco Netacad Academy from **31-3-2016 to 15-6-2016** in Netacad portal. All the interested candidates are requested to give their names to the faculty members Mr. K. Rangachary, Asst. Professor, CSE department on or before 27-03-2016.



CSE-HOD

HEAD
Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P.



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh

Department of Computer Science and Engineering

Course Contents of "CCNA R&S: Routing and Switching Essentials"

The following modules are covered in a training session scheduled from 31-03-2016 to 15-06-2016 for certification course "CCNA R&S: Routing and Switching Essentials" by CISCO trained instructors Mr K. Rangachary, Asst. Professor and Mr T. Suresh, Asst. Professor IT dept .

- Module 1 – Routing Concepts
- Module 2 – Static Routing
- Module 3 – Dynamic Routing
- Module 4 – Switch-Network Configuration
- Module 5 – Switch Configuration
- Module 6 - VLANs
- Module 7 - DHCP
- Module 8 – NAT for IPV4 & IPV6
- Module 9 – Subnet Masks & Addresses
- Module 10 – Ethernet Concepts
- Module 11 – Cisco CLI Commands
- Module 12 – Network Utilities

Note:

- 1) For every three Module a summary test.
- 2) Final Test will be conducted after the completion of All Modules & Summary Tests.

Head of the Department

HEAD
Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg
MYLAVARAM - 521 230, Krishna Dt, A.P.

SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms. _____, is an employee of our Institute/organization and is hereby sponsored to participate in Five-Day Skill Development Program on "Industrial Automation and SCADA" in association with INDWELL Institute of Technology during 24th - 28th September, 2016 at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.

Place:

Date:

Signature of Head of Institution
(With seal)

Note: Brochure & registration form can also be downloaded from college website.

<http://www.lbrce.ac.in>

IMPORTANT INFORMATION

Last date of receiving applications for participation is Septemeber 23rd, 2016.
Duration of the Programme: Five days (24th -28th September 2016) including Sunday

ADDRESS FOR CORRESPONDENCE

Sri A.V.Ravi Kumar , Asst. Prof.
Department of EEE
Lakireddy Bali Reddy College of Engineering
(Autonomous)
Mylavaram- 521 230, Krishna (Dt) A.P.
E-mail: ravi0258@gmail.com
Mobile: +91 9291496400

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, and is spread over 56 acres of sprawling lush green landscape spotted with orchids and grooves. LBRCE received Autonomous status from the academic year 2010-11. Institution certified by ISO 9001:2008 and Accredited by NAAC with 'A' Grade. EEE, ECE and ME undergraduate programmes are accredited by NBA for two years (Outcome Based Education criteria). LBRCE has a profound focus on research and has 7 advanced labs in various Departments and 4 departments (EEE,ECE, CSE, MECH) are recognized as Research Centers of excellence by JNTUK, Kakinada. The place is a hub of leading power plants like NTPPS, LANCO Power and Industries like APHMEL, HPCL and Bharath Petroleum.

LBRCE has sophisticated infrastructure, supported by a dedicated team of well qualified and experienced faculty. LBRCE offers B.Tech Courses in CSE, Civil, ECE, EEE, EIE, IT MECH, Aerospace Engineering and P.G. programmes: M.B.A., M.C.A, & M.Tech Courses in EEE, ECE, CSE,IT and Mech. All laboratories are equipped with state of the art facilities backed by advanced computer systems with latest software. The library has over 51,000 books spanning 13,500 titles. It subscribes over 110 National journals and 55 Technical and general magazines. A digital library is a part of this facility with over 6506 VCD collections produced from IITs, EKALAVYA and SONET . The students have access to 230Mbps dedicated internet line and also to DELNET to supplement their classrooms teaching.

ABOUT MYLAVARAM

It is situated at a distance of 40 km. from Vijayawada and is well connected by rail and road to various places in the country. Participants can reach to Mylavaram by boarding buses run by APSRTC towards Tiruvuru, Kothagudem & Bhadrachalam, city bus services (with number 350).

Five-Day Skill Development Program on
"Industrial Automation and SCADA" in
association with INDWELL INSTITUTE OF
TECHNOLOGY,PUNE, Maharashtra
During 24th - 28th September 2016



Chief Patrons

Er. Lakireddy Bali Reddy, *Chairman*
Sri L.Jaya Prakash Reddy, *Managing Trustee*
Sri L.Prasad Reddy, *Vice Chairman*
Er.K.Timma Reddy, *Director ,Infrastructure*

Patrons

Sri G. Srinivasa Reddy, *President, LBRCT*
Dr. E.V. Prasad, *Director*
Er.K.Timma Reddy, *Director ,Infrastructure*

Convener

Dr. M. UmaVani, *Prof. & HOD*

Coordinators

Mr A.V.Ravi Kumar , *Asst Prof.*
Mr K.Nagalinga Chary, *Asst Prof.*

Organized by:

DEPARTMENTS OF EEE
LAKIREDDY BALI REDDY COLLEGE OF
ENGINEERING (Autonomous)
MYLAVARAM-521 230
KRISHNA (DT), A.P.
Ph : 08659-222933 (Ext-203)
Fax : 08659 222931
<http://www.lbrce.ac.in>

INTRODUCTION

The Main Objective of this Five-Day Skill Development Program is to make the aspiring engineering students acquainted with the conceptual as well as practical knowledge of the Industrial Automation & Latest Technologies being used to achieve Industrial Automation. The idea of Organizing this Five-Day Skill Development Program is to inculcate the basic fundamentals of Automation among the students and provide them with a platform to work on, in the near future.

The most used guiding force behind an Automated Industrial Plant is a "Programmable Logic Controller" generally known as a PLC. PLCs along with certain other necessary ingredients like Sensors, Motors, Actuators, Valves, Conveyors, Boilers, SCADA Systems, Computers & many more, makes a real automated manufacturing plant.

Topics to be covered:

PLC: introduction, types, leading hardware and software, logic development, important instruction, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.

HMI/MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, password level, screen display & Industrial project development.

SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.

AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and de acceleration time control of induction motor, interfacing with PLC, multispeed & multi directional control project.

INTERFACING PROJECT: Complete interface of PLC, HMI, SCADA, AC DRIVE, AC motor, Digital I/Os with a real Industrial application.

ELIGIBILITY

The program is intended for

- > Students from engineering background - Freshers pursuing or having B.Tech degree in EEE/EIE/ECE/MECH
- > Working Professionals to enhance their knowledge
- > Diploma Students

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinators on or before **23.09.2016**. The soft copy of application (scanned copy) can also be sent to the coordinator.

* Spot registration is also allowed.

FEE & CERTIFICATION

Registration Fee (Cash payment only)

Rs.800/- for internal participants

Rs. 900/- for external participants

* A certification will be issued at the end of the program to all the participants

**Fee will be collected at time of registration.*

ACCOMMODATION

Participants have to make their own arrangements for travel and lunch. Limited Accommodation will be provided on payment on request.

No TA/DA will be paid to the participants.

Resource Persons

Experts from **INDWELL INSTITUTE OF TECHNOLOGY**, Pune will act as resource persons.

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS) MYLAVARAM - 521 230

Five-Day Skill Development Program on
* **Industrial Automation and SCADA** * in
association with **INDWELL Institute of
Technology**

REGISTRATION FORM

1. Name of the participant : _____

2. Department: _____

3. Year : _____

4. College: _____

5. Place: _____

6. Email: _____

7. Phone: _____

8. E-mail: _____

9. Accommodation Assistance :

Required YES NO

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 the Applicant



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B. REDDY NAGAR, MYLAVARAM – 521230. A.P. INDIA

Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Certified by ISO 9001:2015

<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931

CIRCULAR

A five-day workshop on "Problem Solving and Data Structures for Employability Enhancement" organised by Department of CSE & IT in Association with CSI-LBRCE student branch from 30-08-2016 to 03-09-2016 from 9:30 AM to 4:00 PM in SONET Hall. All the registered students are requested to attend the training classes without fail.

HEAD OF THE DEPARTMENT



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh

Department of Computer Science and Engineering

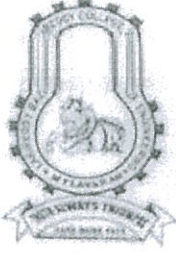
The following is the list of topics covered in A five - Day workshop on "Problem-solving and Data Structures for Employability Enhancement" organized by Department of CSE & IT in Association with CSI-LBRCE student branch from 30-08-2016 to 03-09-2016.

Day	Topic to be Covered
Day 1 - 30-08-2016	Introduction to python programming language: syntax and semantics of basic language constructs, List, tuple ,set and dictionary, functions and regular expressions
Day 2 - 31-08-2016	Object oriented programming principles. Solving the problems using OOP principles.
Day 3 - 01-09-2016	Data structures: linear data structures List, stack and Queue implementation Applications of linear data structures Solving the problems using stack and queue
Day 4 - 02-09-2016	Data structures: non-linear data structures Trees , graph, and hash-table Applications of non-linear data structures Solving the problems using trees and graphs
Day 5 - 03-09-2016	Algorithmic methods like greedy and dynamic programming. Applications of greedy and dynamic programming Solving the problems using greedy and dynamic programming

HOD- CSE ..

HEAD

Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B. REDDY NAGAR, MYLAVARAM - 521230. A.P. INDIA

Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Certified by ISO 9001:2015

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931

CIRCULAR

A five-day workshop on "Big Data Analytics" organised by Department of CSE from 06-09-2016 to 10-09-2016 from 9:30 AM to 4:00 PM in SONET Hall. All the registered students are requested to attend the training classes without fail.

HEAD OF THE DEPARTMENT



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh
Department of Computer Science and Engineering

The following is the list of topics covered in A five - Day workshop on "Big Data Analytics" organized by Department of CSE from 06-09-2016 to 10-09-2016.

Day	Topic to be Covered
Day 1 - 06-09-2016 (Tuesday)	Introduction to Big data and it's applications. Hadoop installation: Three operating mode installations , HDFS.
Day 2 - 07-09-2016 (Wednesday)	Map reduce I & II on Hadoop cluster.
Day 3 - 08-09-2016 (Thursday)	PIG installation ,applications, and use case.
Day 4 - 09-09-2016 (Friday)	HIVE installation, applications, and use case.
Day 5 - 10-09-2016 (Saturday)	HBASE installation , applications, and use case. Introduction to R programming language.

HOD- CSE
HEAD
Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B. REDDY NAGAR, MYLAVARAM - 521230. A.P. INDIA

Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Certified by ISO 9001:2015

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931

CIRCULAR

A five-day workshop on "Problem Solving and Data Structures for Employability Enhancement" organised by Department of CSE in Association with ISTE from 06-09-2016 to 10-09-2016 from 9:30 AM to 4:00 PM in LOTUS Hall. All the registered students are requested to attend the training classes without fail.

HEAD OF THE DEPARTMENT



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh

Department of Computer Science and Engineering

The following is the list of topics covered in A five - Day workshop on "Problem-solving and Data Structures for Employability Enhancement" organized by Department of CSE in Association with ISTE student branch from 06-09-2016 to 10-09-2016.

Day	Topic to be Covered
Day 1 - 06-09-2016 (Tuesday)	Introduction to python programming language: syntax and semantics of basic language constructs, List, tuple ,set and dictionary, functions and regular expressions
Day 2 - 07-09-2016 (Wednesday)	Object oriented programming principles. Solving the problems using OOP principles.
Day 3 - 08-09-2016 (Thursday)	Data structures: linear data structures List, stack and Queue implementation Applications of linear data structures Solving the problems using stack and queue
Day 4 - 09-09-2016 (Friday)	Data structures: non-linear data structures Trees , graph, and hash-table Applications of non-linear data structures Solving the problems using trees and graphs
Day 5 - 10-09-2016 (Saturday)	Algorithmic methods like greedy and dynamic programming. Applications of greedy and dynamic programming Solving the problems using greedy and dynamic programming

HO/CSSE

Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P.

ABOUT THE INSTITUTE

The Lakireddy Bali Reddy College of Engineering (LBRCE) was established in the year 1998 by Lakireddy Bali Reddy Charitable Trust, whose architect is Er. Lakireddy Bali Reddy garu. 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. The institute is certified by ISO: 9001-2015.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the year 1998. It offers undergraduate program in Mechanical Engineering with an intake of 180 accredited by NBA (Tier-I) and NAAC of UGC New Delhi. The Dept is recognized as a Research centre by JNTUK Kakinada. The Dept offers a Post-graduate program in the specialization of Thermal Engineering. 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.

The Department of Aerospace Engineering was started in the year 2011. The department offers 4years undergraduate program, B.Tech in Aerospace Engineering. The department has a team of highly qualified, dedicated and motivated faculty and well equipped laboratories. The department has laboratories, classrooms, faculty rooms, sophisticated lab equipments and well versed library. The department has a wide range of teaching activities.

ABOUT THE PROGRAMME

The CATIA is a multi-platform software suite for computer-aided design (CAD), computer-aided manufacturing (CAM), computer-aided engineering (CAE), PLM and 3D. The CATIA is one of the best Multi-physics platforms, which cover various interdisciplinary domains such as Mechanical, Aerospace, Electronics, etc. CATIA enables the creation of 3D parts, from 2D sketches, sheet metal, composites, and melded, forged or tooling parts up to the definition of mechanical assemblies.

Course Contents:

The course covers the in-depth knowledge in the following aspects including hands on sessions.

- Fundamentals
- User Interface
- Sketcher
- Part Modelling
- Assembling
- Sheet Metal Design

ELIGIBILITY

The program is open for the graduate students of Dept. of Mechanical Engineering and Dept. Aerospace Engineering.

RESOURCE PERSONS

Mr.Dhan Sekar, Design Engineer
ARK Infosolutions Pvt. Ltd., Chennai.
Viddu Vinod, Design Engineer
ARK Infosolutions Pvt. Ltd., Chennai.

Address for Correspondence & Registration
A.Nageswara Rao/I.Dakshina Murthy
Coordinators
E-mail: hodmech@lbrce.ac.in
Mobile: +91 -9704525999, 8919949009

A Five Day Student Certification Program on
"Advanced CATIA"
02nd-06th Jan, 2018



Chief Patrons:
Er. Lakireddy Bali Reddy
Chairman
Sri Lakireddy Jaya Prakash Reddy
Managing Trustee
Sri Lakireddy Prasad Reddy
Vice-Chairman

Patrons:
Sri G. Srinivasa Reddy
President, LBRCT
Dr. K. Appa Rao
Principal
Dr. K. Srinivasa Reddy
Vice-Principal

Convener:
Dr. S. Pichi Reddy
Professor & HOD
Mechanical Engineering
Dr.B.Eswara Kumar
Professor
Aerospace Engineering

Co-ordinators:
Mr. A.Nageswara Rao
Assistant Professor
Dept. of Mechanical Engineering
Mr. I.Dakshina Murthy
Assistant Professor
Dept. of Aerospace Engineering

Organized by:

DEPARTMENT OF MECHANICAL ENGINEERING AND
AEROSPACE ENGINEERING
LAKIREDDY BALIREDDY COLLEGE
OF ENGINEERING (AUTONOMOUS), MYLAVARAM
KRISHNA (Dt), A.P.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India



DEPARTMENTS OF MECHANICAL ENGINEERING AND AEROSPACE ENGINEERING

**A Five Day Certification Program
on
" ADVANCED CATIA"
2nd Jan to 6th Jan 2018**

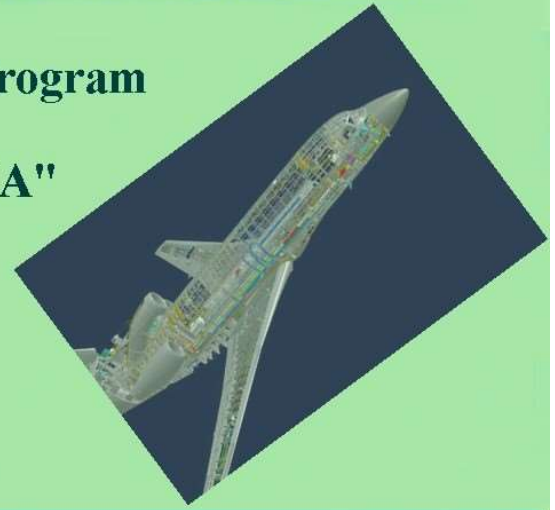
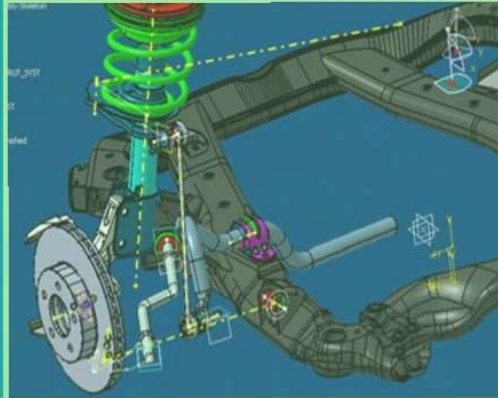
ARK INFO SOLUTIONS

Resource Person
Dhana Sehkar

Dr.K.Apparao
Principal

Dr.S.Pichi Reddy
HoD, Mechanical Engg.
Convener

Dr.B.Eswara Kumar
Professor, Aerospace Engg.
Convener



Coordinators

1) Mr.A.Nageswara Rao,

Ph:+91-8985621662,

Email: nagesh803@lbrce.ac.in

2) Mr.I Dakshina Murthy,

Ph:+91-9704525999, Email: murthy.lbce@gmail.com

ABOUT THE INSTITUTE

The Lakireddy Bali Reddy College of Engineering (LBRCE) was established in the year 1998 by Lakireddy Bali Reddy Charitable Trust, whose architect is Er. Lakireddy Bali Reddy garu. 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. The institute is certified by ISO 9001-2015.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the year 1998. It offers undergraduate program in Mechanical Engineering with an intake of 180 accredited by NBA (Tier-I) and NAAC of UGC New Delhi. The Dept is recognized as a Research centre by JNTUK Kakinada. The Dept offers a Post-graduate program in the specialization of Thermal Engineering. 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.

The Department of Aerospace Engineering was started in the year 2011. The department offers 4years undergraduate program, B.Tech in Aerospace Engineering. The department has a team of highly qualified, dedicated and motivated faculty and well equipped laboratories. The department has laboratories, classrooms, faculty rooms, sophisticated lab equipments and well versed library. The department has a wide range of teaching activities.

ABOUT THE PROGRAMME

This is a certification program on "ADVANCED ANSYS" and is specially meant for engineering final year students. This program mainly covers the two modules of ANSYS, the Finite Element Method (FEM) and Computational Fluid Dynamics (CFD). The FEM and the CFD are well-established technique for analyzing the structural and fluid behavior, respectively, of mechanical components and fluid flow systems. In recent years, the use of finite ANSYS has become an important tool in furthering a variety of fields of Engineering such as Mechanical, Aerospace, Electronics, etc.

Course Contents:

- ANSYS Workbench
- Design Modeler
- Geometry Simplification
- Analysis Using FEM
- Analysis using CFD
- Post Processing

The program covers the complex problems in the analysis with FEM and CFD to understand the application to the core

ELIGIBILITY

The program is open for the graduate students of Dept. of Mechanical Engineering and Dept. Aerospace Engineering. In addition, the PG students of Dept. of Mechanical are eligible

RESOURCE PERSONS

Mr. Ganesh Chakravarthi,
Senior Application Engineer, CFD, ARK Info
Solutions Pvt. Ltd., Bangalore
Mr. Prashanth Patil,
FEA Application Engineer,
ARK Info Solutions Pvt. Ltd., Bangalore

Address for Correspondence & Registration
A. Nageswara Rao I. Dakshina Murthy
Coordinators
E-mail: hodmech@lbrce.ac.in
Mobile: +91 -9704525999, 8919949009

A Six Day Student Certification Program on "Advanced ANSYS" 26th Feb - 03rd Mar, 2018



Chief Patrons

Er. Lakireddy Bali Reddy
Chairman
Sri Lakireddy Jaya Prakash Reddy
Managing Trustee
Sri Lakireddy Prasad Reddy
Vice-Chairman

Patrons

Sri G. Srinivasa Reddy
President, LBRCT
Dr. K. Appa Rao
Principal
Dr. K. Srinivasa Reddy
Vice-Principal

Conveners

Dr. S. Pichi Reddy
Professor & HOD
Mechanical Engineering
Dr. B. Eswara Kumar
Professor
Aerospace Engineering

Co-ordinators

Mr. A. Nageswara Rao
Assistant Professor
Dept. of Mechanical Engineering
Mr. I. Dakshina Murthy
Assistant Professor
Dept. of Aerospace Engineering

Organized by:

DEPARTMENT OF MECHANICAL ENGINEERING AND
AEROSPACE ENGINEERING
LAKIREDDY BALIREDDY COLLEGE
OF ENGINEERING (AUTONOMOUS), MYLAVARAM
KRISHNA (Dt), A.P.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India



Sri. L. Bali Reddy
Founder & Chairman

DEPARTMENTS OF MECHANICAL ENGINEERING AND AEROSPACE

A SIX DAY STUDENT CERTIFICATION PROGRAMME
ON

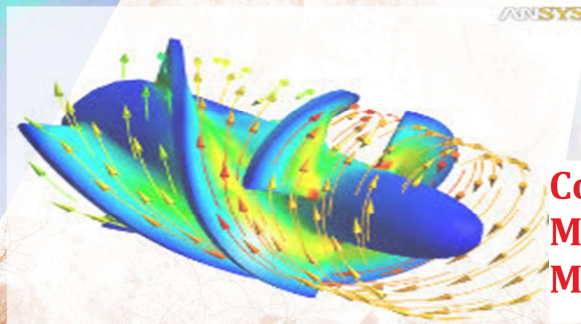
"ADVANCED ANSYS"
26-02-2018 TO 03-03-2018

ARK INFO SOLUTIONS

Dr.K.Apparao
Principal

Dr.S.Pichi Reddy
Convener
HoD, ME

Dr.B.Eswara Kumar
Convener
Professor, ASE



Coordinators

Mr.A.Nageswara Rao
Mr.I Dakshina Murthy

9912453506

Date: - 16th June 2017

INDUSTRY RELATIONS & PLACEMENTS

CIRCULAR

Kind Attn: - Final year students of B.Tech all branches M.Tech and MCA

This is to inform that all the Placement registered students of Final YEAR B.Tech , M.Tech and MCA have 2nd Phase of Training by FACE from 3rd July 2017 to 8th JULY 2017. Following is the schedule of training.

S.NO	VENUE	Departments
1	Seminar Hall @Admin Block 1 st Floor	ECE – (A,&B,)
2	Auditorium @ Admin Block 2 nd Floor	ECE-C, IT,EIE &MCA
3	Sonet Hall @Block-1 ,2 nd Floor	CSE (A&B)
4	EEE Seminar Hall @ Block-2	EEE -(A&B)
5	Room no – 1G02 @Block-1	CIVIL,AERO
6	Room no – 3S04@Block-3	Mechanical (A&B)

- 11th July 2017 Mock on-line exam
- 15th July 2017 Mock On-line exam

TIME: - 9 AM to 4:00 pm

Note: - Placement coordinators of the departments are advised to accompany students to the venue and collect the attendance every day.


 PRINCIPAL

CC to :-

1. All HODs & Deans
2. Vice-Principal's office
3. Vasu-Public addressing system



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(Autonomous)

NAAC "A" GRADE

NBA Accredited; Affiliated to JNTUK, Kakinada; ISO 9001:2008 Certified

Date: - 16th June 2017

INDUSTRY RELATIONS & PLACEMENTS

THE FOLLOWING TOPICS WILL BE COVERED DURING THE TRAINING PROGRAMME WHICH WILL BE HELD FROM 3rd July 2017 to 8th JULY 2017.

Quantitative Ability

Basic Introduction & Simple Equations, Ages, Numbers: HCF LCM, Divisibility Rules,

Reminders, Unit Digits, Factors & Multiples, Ratios, Proportions, Variations & Partnerships, Percentages, Profit & Loss, SICI

Time & Work

Time & Distance, Boats and Streams, Trains, Relative Speed, Averages, Allegations and Mixtures, Permutations, Combinations & Probability, Geometry & Mensuration, Statistical Methods, Data Sufficiency, Arrangements (Linear & Circular)

Matrix based Puzzles

Calendars, Blood Relations, Directions & Cubes, Clocks, Series, Logical Reasoning, Coding Decoding, Data Interpretation, Data Sufficiency, Crypt Arithmetic, Venn Diagrams, Syllogisms

Verbal Ability

Parts of Speech, Subject Verb Agreement, Sentence Correction, Vocabulary and Synonyms & Antonyms, Often Confusing words, Reading Comprehension, Para Summary, Para Jumbles, Para Completion, Critical Reasoning.

g. n. 21
PRINCIPAL

CC to :-

1. All HODs & Deans

2. Vice-Principal's office, 3. Vasu-Public addressing system

LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING

INDUSTRY RELATIONS AND PLACEMENTS

Dt. 8-7-2017

TRAINING ON CODEVITA BY SIXPHRASE

This is to inform you that T&P Department is going to conduct TCS Codevita Specific Training Programme from 10th July, 2017 to 14th July, 2017 at our college for Placement Registered students.

The following are the venues:

Batch	Branch	Venue
1	CSE	Lotus Hall
2	ECE	Rose Hall
3	ASE,CIVIL,EIE	G03
4	EEE	Seminar Hall – EEE
5	Mech	Block-3 S04
6	ECE-B, IT, MCA	F02

Time: 9am to 4.15pm

Note: The placement Coordinators are requested to be in the training halls as per the schedule.


Principal

CC to: All HODs and Deans.

Session	Focus Area	Modules
Session 1	Introducing C and C Fundamentals	<ul style="list-style-type: none"> ✓ Briefing session on Introducing C and C Fundamentals ✓ C Aptitude I (1-10); C Aptitude II (1-10) ✓ Real Time Applications: C Programming for embedded systems (Main Routine) ✓ Class Work - C Programs I (1 - 4) ✓ Assignments - C Programs II (1 - 4)
Session 2	Formatted Input / Output and Expressions	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Formatted Input / Output and Expressions ✓ Task 2 → C Aptitude I (11-20); C Aptitude II (11-20) ✓ Task 3 → Real Time Application: C Programming for embedded systems (Event Manager Function) ✓ Task 4 → Class Work - C Programs I (5 - 7) ✓ Task 5 → Assignments - C Programs II (5 - 7)
Session 3	Selection Statements and Loops	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Selection Statements and Loops ✓ Task 2 → C Aptitude I (21-30); C Aptitude II (21-30) ✓ Task 3 → Real Time Applications: C Programming for embedded systems (Serial Receive ISR Function) ✓ Task 4 → Class Work - C Programs I (8 - 10) ✓ Task 5 → Assignments - C Programs II (8 - 10)
Session 4	Arrays and Basic Types	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Arrays and Basic Types ✓ Task 2 → C Aptitude I (31-40); C Aptitude II (31-40) ✓ Task 3 → Real Time Applications: System Programming and Open source software ✓ Task 4 → Class Work - C Programs I (11 - 13) ✓ Task 5 → Assignments - C Programs II (11 - 13)
Session 5	Functions and Program Organization	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Functions and Program Organization ✓ Task 2 → C Aptitude I (41-50); C Aptitude II (41-50) ✓ Task 3 → Real Time Applications: Robust Design Techniques - being extremely paranoid ✓ Task 4 → Class Work - C Programs I (14 - 17) ✓ Task 5 → Assignments - C Programs II (14 - 16)
Session 6	Pointers	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Pointers ✓ Task 2 → C Aptitude I (51-60); C Aptitude II (51-60) ✓ Task 3 → Real Time Applications: Robust Design Techniques - implementing transactions ✓ Task 4 → Class Work - C Programs I (17 - 19) ✓ Task 5 → Assignments - C Programs II (18 - 20)
Session 7	Pointers	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Pointers ✓ Task 2 → C Aptitude I (61 - 70); C Aptitude II (61 - 70) ✓ Task 3 → Real Time Applications: UNIX Time or POSIX Time in C ✓ Task 4 → Class Work - C Programs I (20 - 23) ✓ Task 5 → Assignments - C Programs II (21 - 23)
Session 8	Pointers and Arrays	<ul style="list-style-type: none"> ✓ Task 1 → Briefing session on Pointers and Arrays ✓ Task 2 → C Aptitude I (71 - 80); C Aptitude II (71 - 80) ✓ Task 3 → Real Time Applications: MS Windows and Time ✓ Task 4 → Class Work - C Programs I (24 - 26) ✓ Task 5 → Assignments - C Programs II (24 - 26)

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

New Delhi & certified by ISO 9001:2015

SKILL DEVELOPMENT CENTRE -LBRCE

Date: 10-02-2018

CIRCULAR

It is Pleasure to announce that, our college is recognised as One of the Remote Centre for **NME-ICT, by IIT Bombay**. IIT Bombay was launched TWO programs for students through Platform "**College to Corporate Program**" in order to help them and prepare for the corporate world. The program will be conducted using the hybrid/blended MOOCS pedagogy developed by IIT Bombay. In this approach participants learn online, as also have face-to-face interaction. A 4 -Week Online workshop on "**Technical Skills**" for IIIrd & IVth years of CSE,IT, MCA & ECE students are scheduled from 20th Feb 2018 to 18th Mar 2018 and face-to-face interaction sessions are scheduled on 03rd Mar 18 & 17th Mar 18 at our campus.

The workshop is targeting to cover all Advanced topics in areas of CSE/IT/MCA/ECE fields, which includes Central, distributed, SDLC, Historic trends, python Programming, ORMs Micro Services, Test Driven Development etc and student needs spent only 3 to 4 hours per week to understand the content online available. Hence, CSE,IT, MCA & ECE HOD's are requested to depute the Pre final year & final year students not less than 10 members to above online workshop. The Last date for online Registration is 18th Feb, the registration URL is [http:// www.it.iitb.ac.in/plc101x/announcements.html](http://www.it.iitb.ac.in/plc101x/announcements.html). A certificate will be issued by IIT, Bombay for successful students who attended interaction session.

All SDC coordinators of the above dept. are instructed convey the program details to concern HODs and motivate the students to do registration for program without fail. Further details, contact with Assoc. Prof. BVNR. Siva Kumar ECE, dept., I/C coordinator for IIT, Bombay Remote centre of LBRCE.


PRINCIPAL

Cc: i) The President for kind info ii) Vice Principal iii) CSE,IT, MCA & ECE HODs
iv) SDC coordinator. v) Incubation Centre Coordinator.

Course Schedule of Technical Skills

Date/ Release Date	Mode	Topics	Delivered by	Quiz Release	Quiz Deadline
20-Feb		Week 1 1. Python Basics 2. Test Driven Development	1. Saurabh PAWSE 2. Amol HATWAR	20-Feb	28-Feb
24-Feb		Face to Face Interaction (2.00 PM to 5.30 PM)			
27-Feb		Week 2 1. SDLC 2. MVC 3. Version Control	1. Archana RANA 2. Ashishkumar SINGH 3. Prashant BAJ	27-Feb	07-Mar
03-Mar		Holiday			
06-Mar		Week 3 1. HTTP Web APIs 2. Microservices 3. ORMs	1. Zubin KAVARANA 2. Prashant BAJ 3. Uday CHANDRA	06-Mar	14-Mar
10-Mar		Face to Face Interaction (2.00 PM to 5.30 PM)			
13-Mar		Week 4 1. Cloud Primer	1. Ashwin SHAH	13-Mar	19-Mar
17-Mar		Panel Discussion + Face to Face Interaction (2.00 PM to 5.30 PM)			

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”**

17th–22nd 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

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
"Design and Analysis of Antennas
using ANSYS HFSS" 17th –22nd 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.

CIRCULAR






In the department of Electronics and Communications Engineering, it is decided to conduct module-1 of LabVIEW certificate program in the month of December 2017 for B.Tech., IV-Sem during the academic year 2017-18.

In this regard B.Tech., III-Sem students are informed to register their names for Module-1 by paying Rs.1200/- on or before 7th September 2017.

Date: 30-08-2017


Prof. B. Ramesh Reddy, HOD, ECE

Circulation among students and Coordinators

Dr.P.Lachi Reddy, Professor : 
Mr.B.V.N.R.Siva Kumar : 
B.Tech., III-Sem, ECE., Section-A : 
B.Tech., III-Sem, ECE., Section-B : 
B.Tech., III-Sem, ECE., Section-C : 



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

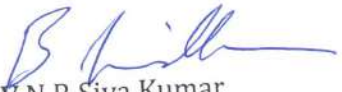
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONIC AND COMMUNICATION ENGINEERING

30-08-2017

SCHEDULE – MODULE – I

- Day 1 : Introduction to LabVIEW, Virtual Instruments, Navigating LabVIEW, Creating application.
- Day 2 : Using LOOPS
- Day 3 : Decision making structures, Sub VIs
- Day 4 : Files, ELVIS SUITE
- Day 5 : Connecting and Configuring NI myDAQ, Hands-on NI myDAQ- Accessing DAQ Assistant.


B V N R Siva Kumar
Co - ordinator



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)
L.B. REDDY NAGAR, MYLAVARAM-521 230, A.P, INDIA
Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi
NAAC Accredited with "A" grade. Accredited by NBA
New Delhi & Certified by ISO 9001:2015
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
<http://www.lbrce.ac.in>, eee.lbrce@gmail.com Phone: 08659-222933, Fax: 08659-222931

Date: 30-04-2018

To
The Principal
LBRCE

Sir,

Through proper channel

Sub: Requisition for Utilisation of MEMS or NI Lab at Admin Block, for conducting summer certification program for II Year B.Tech EEE students, during 7th May -12th May 2018- Regarding.

Dept. of EEE has planned to organise a Global Summer certified training workshop in Association with A.P.S.S.D.C, for II year B.Tech EEE students from 07th May -12th May 2018, on PLC (Fundamentals & Advanced).

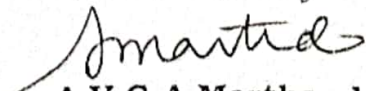
In addition to the above activity, Dept. of EEE is conducting a 5-Day FDP program during 07th May -11th May 2018. Our department Computational Lab is occupied for F.D.P. purpose.

Hence, we need one more computer Lab for conducting and practising the APESDC sessions.

I request you to please provide us MEMS Lab or NI Lab for smooth running of workshop and oblige.

Thanking you sir

Your's sincerely


A.V.G.A. Marthanda
Associate Professor,
EEED, LBRCE

Handwritten notes:
JV
HSDC (SE) to allocate slots
A. V. G. A. Marthanda



PLC Fundamentals & Advanced

Course Overview

By providing Basics-on workshop to Students , they will get idea on different mathematical operations. By using this knowledge they can develop simple real time problems. In this workshop we will use Scilab Software .This Workshop aims at imparting job-oriented training on Basic Mathematics Operation, Matrixes, Functions & XCOS. More emphasis shall be given to hands-on (practical using Software) sessions for better understanding.

Intended audience : 2nd & 3rd Year Students

Training workflow :

Workshops:

The objective of workshop is to see that the students are well trained for the prerequisite courses of certification.

Duration: 3 days

Assessments/Practice test: To ensure that students have understood the content covered during the session; a brief test will be conducted on LMS after every training session. This will help the student understand where he/she needs to improve . LMS (Learning and Management System) is built from OpenEdx. It contains all course related content such as hand-outs, videos and practice sessions. APSSDC will provide individual student account and Student/college wise analytics are also available



Clubs: After Workshops we will initiate clubs with one faculty and two merit students from each year in every College

Selection of the Merit students for the Club: At the end of the work shops we will select two merit students from every college based on Written Exam & Tool Test.

Advantages to be a member in Club

- We will provide guidance for their Projects.
- We will give priority for placement drives conducted by APSSDC.
- Eligibility for University Innovation Fellows (UIF).
- Priority for International programs conducted by APSSDC and etc..

Course Content & Day Wise Schedule for workshop:

Day1 07-05- 2018	09:00- 11:30 AM	Introduction of Industrial Automation, Applications of Automation, History of Automation, Introduction to PLC.
	11:45 - 1:00 PM	Introduction to PLC Programming types, Introduction about Ladder logic diagram, introduction about Basic Elements, Basic Rules Regarding Programming, Sample Program.
	1:00 - 1:30 PM	Lunch Break
	1:30 - 5:30 PM	Introduction of NO & NC switch based concept, explanation Regarding Basic Electrical Circuits Related to NO & NC, Application problems based on NO & NC
Day2 08-05- 2018	09:00- 11:30 AM	Introduction to Latching, Application problems based on NO & NC with Latching
	11:45 - 1:00 PM	introduction About Memory Coils .Application problems based on Memory coils
	1:00 - 1:30 PM	Lunch Break
	1:30 - 5:30 PM	Push button concepts, Sensor based problems & Introduction to Timers
Day3 09-05- 2018	09:00- 11:30 AM	Real Time Applications Based On Timer concept.
	11:45 - 1:00 PM	Application problems based on Timers, NO & NC combination, Introduction To Counter's Concept.
	1:00 - 1:30 PM	Lunch Break



1:30 - 5:30 PM	Counter based problems, Real time Application problems based on NO & NC combination, Latches, Memory, Emergency Switches & Timers And Counters
----------------	--

DAYS	TIMINGS	COURSE CONTENT
Day4 10-05- 2018	09:00- 11:30 AM	Introduction to Delta CPU's Description of output types- Relay output, Transistor output
	11:45 - 1:00 PM	Basic programming part and description of wiring types(source-sink ,sink-source, source-source, sink-sink)
	1:00 - 1:30 PM	Lunch Break
	1:30 - 4:30 PM	All problems based on toggle switch what we covered in phase-1. Introduction to Set, Reset, Falling edge, Rising edge, Inc, Dec instructions
Day5 11-05- 2018	09:00- 11:30 AM	Introduction to push buttons and memory coil concepts and programming on some problems what we covered in phase-1
	11:45 - 1:00 PM	Timers concept and problems based on timers.
	1:00 - 1:30 PM	Lunch Break
	1:30 - 4:30 PM	Introduction to 8-channel relay modules and contactors. Problems based on relay, contactors. Introduction to Proximity sensors both capacitive and inductive.
Day6 12-05- 2018	09:00- 4:30 PM	Projects :Stair-case ,Traffic light, Car parking ,Star-Delta starter, Series- Parellel operation, Sequential problems

PLC Competitions

Mitsubishi Electric Cup(National Level Competition For Factory Automation):

<https://www.mitsubishielectric.in/fa/mecup/about.php>



APSSDC

**Andhra Pradesh State Skill Development Corporation
Department of Skill Development, Entrepreneurship & Innovation
Government of Andhra Pradesh**

Certification Training Programm on

“Programmable Logic Controllers - Fundamentals and Advanced”

(May 7th - 12th, 2018)

Venue

Lakireddy Bali Reddy College of Engineering (Autonomous),

Mylavaram, Krishna District, A.P

Promoted by LBRCE-SDC

Organized by

Department of Electrical and Electronics Engineering



SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms. _____, is an employee of our Institute/organization and is hereby sponsored to participate in Five-Day training Program on "ANSYS Software and its applications to Electrical Engineering" Co-organised by IEEE LBRCE Student branch during 18th – 22nd December, 2017 at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.

Place:

Date:

Signature of Head of Institution
(With seal)

Note: Brochure & registration form can also be downloaded from college website.

<http://www.lbrce.ac.in>

IMPORTANT INFORMATION

Last date of receiving applications for participation is December 16th, 2017.

Duration of the Programme:

Five days (18th -22nd December 2017)

Address for Correspondence:

Dr.M.S.Giridhar, Professor
Mr. A.V.Ravi Kumar, Asst. Prof.
Department of EEE
Lakireddy Bali Reddy College of
Engineering (Autonomous)
Mylavaram- 521 230, Krishna (Dt) A.P.
E-mail: munigoti7@gmail.com
ravi0258@gmail.com
Mobile: +91 9492071771
+91 9291496400

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, and is spread over 56 acres of sprawling lush green landscape spotted with orchids and grooves. LBRCE received Autonomous status from the academic year 2010-11. Institution certified by ISO 9001:2008 and Accredited by NAAC with 'A' Grade. EEE, ECE and MECH undergraduate programmes are accredited by NBA for two years (Outcome Based Education criteria). LBRCE has a profound focus on research and has 7 advanced labs in various Departments and 4 departments (EEE, ECE, CSE, MECH) are recognized as Research Centers of excellence by JNTUK, Kakinada. The place is a hub of leading power plants like NTPPS, LANCO Power and Industries like APHIMEL, HPCL and Bharath Petroleum.

LBRCE has sophisticated infrastructure, supported by a dedicated team of well qualified and experienced faculty. LBRCE offers B.Tech Courses in CSE, Civil, ECE, EEE, EIE, IT MECH, Aerospace Engineering and P.G. programmes: M.B.A., M.C.A. & M.Tech Courses in EEE, ECE, CSE, IT and Mech. All laboratories are equipped with state of the art facilities backed by advanced computer systems with latest software. The library has over 51,000 books spanning 13,500 titles. It subscribes over 110 National journals and 55 Technical and general magazines. A digital library is a part of this facility with over 6506 VCD collections produced from IITs, EKALAVYA and SONET. The students have access to 230Mbps dedicated internet line and also to DELNET to supplement their classrooms teaching.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering offers an undergraduate program in Electrical & Electronics Engineering and a Post-graduate program in the specialization of Power Electronics & Drives. The Department has well qualified faculty and good laboratory facilities. EEE Department is recognized as research centre by JNTUK, Kakinada. Department has licensed software MATLAB(R2016a), PSCAD/EMTDC, LABVIEW, ETAP, MULTISIM and DIGSILENT. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

Five-Day Training Program on "ANSYS Software and its applications to Electrical Engineering" by LBRCE IEEE Student Branch

18th – 22nd December, 2017



Chief Patrons

Er. Lakireddy Bali Reddy, Chairman
Sri L.Jaya Prakash Reddy, Co-Chairman
Sri L.Prasad Reddy, Vice Chairman

Patrons

Sri G. Srinivasa Reddy, President, LBRCT
Er.K.Timma Reddy, Director, Infrastructure
Dr. K.Apparao, Principal
Dr. K.Srinivasa Reddy, Vice-Principal

Convener

Dr. M. UmaVani, Prof. & HOD

Coordinators

Dr.M.S.Giridhar, Professor
Mr. A.V.Ravi Kumar, Asst. Prof.

Organized by

Department of Electrical and Electronics & Co-organised
by IEEE student branch of L.B.R.C.E.
Lakireddy Bali Reddy college of Engineering
(Autonomous)
Mylavaram, Krishna (Dt)
Andhra Pradesh, India-521230.

Ph: 08650 222022 Fax: 08650 222021

INTRODUCTION

ANSYS electromagnetic field simulation helps to design and innovative electrical and electronic products faster and more cost-effectively. In today's world of high performance electronics and advanced electrical systems, the effects of electromagnetic fields on circuits and systems cannot be ignored. ANSYS software can uniquely simulate electromagnetic performance of component, system design, and can evaluate temperature, vibration and other critical mechanical effects. This electromagnetic design helps to achieve system design for advanced communication systems, high-speed electronic devices, sensors, electromechanical components etc.,

OBJECTIVE OF THE PROGRAM

The main objective of this Five-Day Training Program is to make students learn how to implement the concepts and principles of Electromagnetic Fields, Electromechanical Machines, Power Electronics and Control Circuits by using ANSYS software and to apply the concepts to solve real world problems, which enhances their employability skills.

TOPICS TO BE COVERED

ANSYS: Introduction to ANSYS and solutions to simulation of simple electrical circuits.

ANSYS MAXWELL: Finite element method in Maxwell, Maxwell solution method, Error evaluation, Maxwell design types, RMXprt, Maxwell 2D, 3D, GUI, Solvers, File structures, Directories, Libraries.

ANSYS Electric Machine Design: Maxwell with ANSYS RMXprt, is a template-based design tool. RMXprt calculates machine performance, makes initial sizing decisions, and performs hundreds of what-if analyses in seconds.

ANSYS electromechanical and power electronics simulation software: Ideal for applications which depend on the robust integration of motors, sensors, and actuators with electronics controls. ANSYS software simulates the

ANSYS solutions for Renewable Energy. Testing for the electrochemical performance of a fuel cell stack to optimizing the design of biomass reactors and photovoltaic collectors.

ELIGIBILITY

The program is open to EEE, ECE & EIE UG and PG students of AICTE approved Engineering colleges.

RESOURS PERSONS

Experts from ARK infosolutions Pvt Ltd,PUNE , will act as resource persons.

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinators on or before 16.12.2017. The soft copy of application (scanned copy) can also be sent to the coordinator.

Registration Fee (Cash payment only)

Rs.1500/- per student (Discount for students having Professional membership = Rs.400/-)

* Spot registration is also allowed.

* Certificate will be issued at the end of the program to all the participants by ANSYS

*Fee will be collected at the time of registration.

ACCOMODATION

Limited Accommodation is available and will be provided on request.

ABOUT MYLAVARAM

It is situated at a distance of 40 km. from Vijayawada and is well connected by rail and road to various places in the country. Participants can reach to Mylavaram by boarding buses run by APSRTC towards Tiruvuru, Kothagudem & Bhadrachalam, city bus services (with number 350).

LAKIREDDY BALI REDDY COLLEGE OF
ENGINEERING (AUTONOMOUS)
MYLAVARAM - 521 230

Department OF Electrical and Electronics
Five-Day Training Program on
"ANSYS Software and its applications to Electrical
Engineering" Co-organised by LBRCE IEEE
Student Branch
18th - 22nd December, 2017

REGISTRATION FORM

1. Name of the participant : _____

2. UG/PG: _____

3. Year : _____

4. College: _____

5. Place: _____

6. Email: _____

7. Phone: _____

8. E-mail: _____

9. Accommodation Assistance :

Required	YES	NO
----------	-----	----

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 the Applicant



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar, Mylavaram-521230. A.P, INDIA
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi
NAAC Accredited New Delhi & Certified by ISO 9001:2015

DEPARTMENT OF CIVIL ENGINEERING

<http://www.lbrce.ac.in>, hodcivil@lbrce.ac.in Ph: 08659-222933, Fax: 08659-222931

Date: 08-11-2018

CIRCULAR

It is informed to all 2nd B.Tech students that Two-Weeks Certification Training Program on AutoCAD is conducted by APSSDC, Govt. of AP from 19-11-2018 to 01-11-2018. All 2nd year students are instructed to avail this opportunity.

Note: Further information contact to SDC coordinator Mr. P. Mohana Ganga Raju.

Timings: Morning Session : 09:00 AM to 12:30 PM,

Lunch : 12:30 PM to 01:10 PM,

Afternoon Session : 01:10 PM to 04:10 PM

HOD-CE



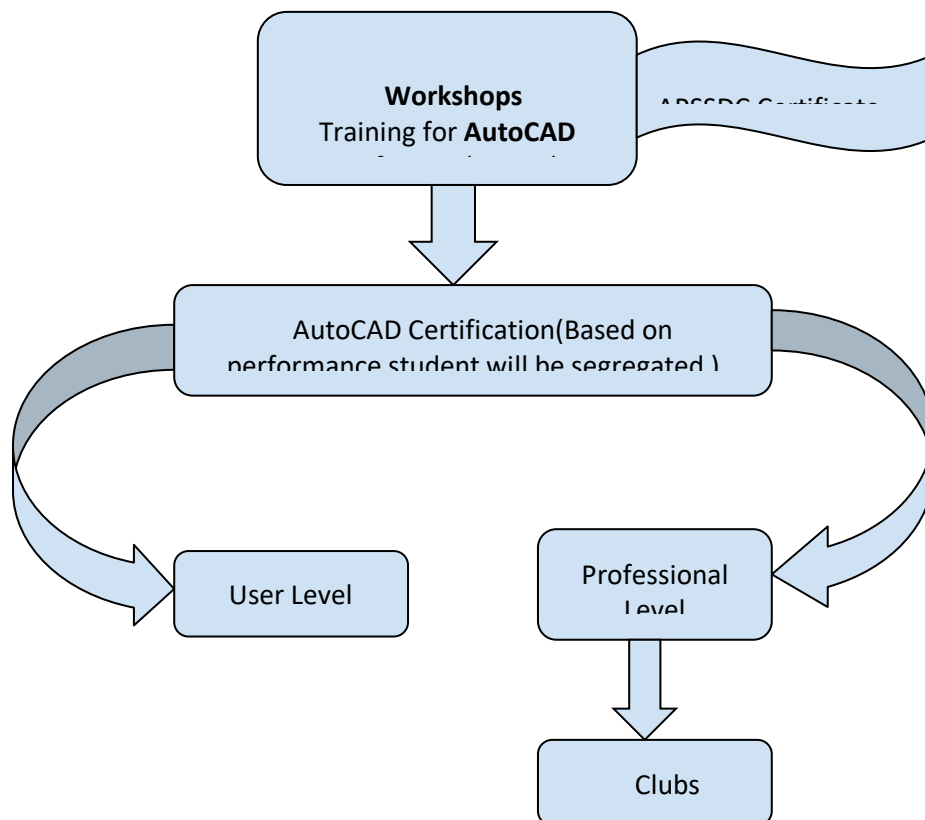
AUTOCAD

Course Overview

Anyone looking for a job in the architectural or engineering sector will benefit greatly from having a certificate in this type of training. It enables the person to join a company and get to work, understanding the software used and helping them be a productive member of the team from day one.

Intended audience : 1st & 2nd year students

Training workflow :



Workshops (Certification training) with Industry certifications



The objective of workshop is to see that the students are well trained for the prerequisite courses of certification.

Duration: 6 days

Assessments/Practice test: To ensure that students have understood the content covered during the session; a brief test will be conducted on LMS after every training session. This will help the student understand where he/she needs to improve, make them ready to enter level 1-User certification or Level 2-Professional certification depending on the performance. **LMS** (Learning and Management System) is built from OpenEdx. It contains all course related content such as hand-outs, videos and practice sessions. APSSDC will provide individual student account and Student/college wise analytics are also available.

User Level Certification:

Certified User (CU) certification is an excellent way for students with about real-world User software experience to validate their software skills.

Link : <https://www.youtube.com/watch?v=TjBTPFBabPw>

Professional Level Certification:

Certified Professional (CP) is the logical credential for advanced and professional software users who possess of real-world Professional software experience.

Link: <https://certiport.pearsonvue.com/Certifications/Autodesk/ACP/Overview>

Clubs: After Workshops we will initiate clubs with one faculty and two merit students from each year in every College

Selection of the Merit students for the Club: At the end of the work shops we will select two merit students from every college based on Written Exam & Tool Test.

Advantages to be a member in Club

- a. We will provide guidance for their Projects.
- b. We will give priority for placement drives conducted by APSSDC
- c. Eligibility for University Innovation Fellows (UIF)
- d. Priority for International programs conducted by APSSDC and etc..

Certified Trainers will be deputed to teach.

Link : [AutoCAD Certificate template](#)

Course Content:

Introduction to Engineering Drawings. Projections and difference b/w First & Third angle. Introduction to AutoCAD, History, Exploring GUI, Workspaces. File Management - New, Qnew, Open, Save, Save as, Close, Exit, Quit & Orthographic Views. Co-ordinate systems. Drawing settings - Units, Limits, Drawing Tools: Line, Circle, Arc, Ellipse, Donut, Polygon, Rectangle. Modify Tools, Erase, Oops, Undo, Redo, Explode, Move, Copy, Rotate, Mirror, Array, Align, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet. Advanced Drawing Tools: Multiline, P line Spline , Xline, Ray, Modify Tools: Mlstyle, Mledit, Pedit, Splinedit. Display Control: Zoom, Pan, Redraw, Region, Clean Screen, Steering wheels. Object Properties: Color, Line type, Line weight, Properties, Match prop ,Layers concept. Parametric Modeling: Geometric Constraint, Dimensional Constraint, Isometric View Drawings. Annotation Tools: Table, Table style, Table Edit, Hatching utilities - Hatch, Hatch edit. Introduction to 3D design Commands: Extrude Press pull, Subtract & Practice. Commands: Union, Loft, and Sweep, Revolve, Poly Solid.

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram - 521 230, Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

New Delhi & certified by ISO 9001:2015

SKILL DEVELOPMENT CENTRE -LBRCE

Date: 29-10-2018

CIRCULAR

All 1st, 2nd & 3rd year B.Tech students are instructed to register in Semester Break Global Certification Training Programs which are scheduled on 17-11-2018 to 01-12-2018 for this odd semester. These Certification Programs are being offered by reputed organizations through APSSDC are essential to improve the skill sets of the students and it is mandatory as per the new curriculum.

S.No	Branch	Year	Name of the organization being issue the certificate	Certificate Program	Workshop	Duration In days	Fee Rs
1	ECE	III rd	Udemy & IoT university	IoT	--	6	250
		II nd	Udemy	SCI Lab	--	3	150
2	ASE	II nd	Auto Desk	Auto CAD	--	15	1000
		III rd	Dassault	Catia Design	--	15	--
3	CIVIL	I st	Auto Desk	---	Basics of Auto CAD	3	250
		II nd	Auto Desk	Auto CAD	--	15	1000
		III rd & IV th	Auto desk	Revit Architecture	--	15	1000

Hence all HOD's are requested to motivate the students and ensure the 100% registrations for the above Certification Programs.

[Signature]
PRINCIPAL

Cc: i) The President for kind info ii) Vice Principal iii) All HODs iv) SDC coordinator.



LAKKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.
Affiliated to JNTUK Kakinada, Approved by AICTE New Delhi,
NAAC Accredited with 'A' grade, Accredited by NBA, Certified by ISO 9001:2015
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
<http://www.lbrce.ac.in>, ccdept4@gmail.com Phone:08659-222933, Fax:08659-222931

Mylavaram,

31-08-2018.

To

Dr.K.S.M.V.Kumar,

The Skill Development Centre In charge,

LBRCE.

Sir,

After going through the brochure of APSSDC , HOD has finalized to organize the following programs for the II B.Tech and III B.Tech ECE .

S.No	Course Offered-certification	Duration	Fee
1	IoT - Udemy & IoT University	6 Days	Free
2	SCI lab -Udemy	3 Days	Free

Handwritten notes:
1st year IoT (Phase 1 & 2)
2nd year 6 days / 500/-

Thanking You,

Yours truly

V.V.Rama Krishna,

SDC Department Coordinator,

ECE Department.

*Forwarded to
SDC Incharge*

*YAS
31/8/18*

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Autonomous & Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi,
NAAC Accredited with 'A' grade, Certified by ISO 9001:2015)
L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.

A one week certification program on,

“IOT Fundamentals 2018-2019”

19th November, 2018 to 26nd November, 2018

Certification Agency

The Certification program “IOT Fundamentals 2018-2019” conducted by APSSDC in association with ECE department, LBRCE. The duration of the program is from 19th November, 2018 to 26nd November, 2018. Andhra Pradesh State Skill Development Corporation (APSSDC) is a unique organization formed as a Public-Private Partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. The corporation is incorporated as a Section-8 company (not-for-profit) with a private equity component of 51% and 49% by Govt of AP. The Corporation now serves as the "Executive Agency" for the newly formed Department of Skill Development, Entrepreneurship and Innovation. APSSDC will also serve the important task of providing high quality skilled manpower as part of the "Knowledge and Skills Mission" of GoAP, which is one of the cross-cutting missions among the seven missions formed by the govt to facilitate double digit growth of the state.

SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms. _____, is an employee of our Institute organization and is hereby sponsored to participate in Five-Day Skill Development Program on "Industrial Automation and SCADA" in association with INDWELL Institute of Technology, Pune during 11th – 15th February, 2019 at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.

Place:

Date:

Signature of Head of Institution
(With seal)

Note: Brochure & registration form can also be downloaded from our college website.

<http://www.lbrce.ac.in>

IMPORTANT INFORMATION

Last date of receiving applications for participation is 09th February, 2019.

Duration of the Programme: Five days (11th -15th February 2019)

Address for Correspondence:

Dr. A. V. G. A. MARTHANDA,

Associate Professor,

Department of EEE,

Lakireddy Bali Reddy College of

Engineering (Autonomous)

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

E-mail: avgam989@gmail.com

Mobile: +91 9441660989

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, and is spread over 56 acres of sprawling lush green landscape spotted with orchids and grooves. LBRCE received Autonomous status from the academic year 2010-11. Institution certified by ISO 9001:2015. EEE, ECE and MECH undergraduate programmes are accredited by NBA for two years (Outcome Based Education criteria under Tier-I). LBRCE has a profound focus on research and has 7 advanced labs in various Departments and 4 departments (EEE, ECE, CSE, MECH) are recognized as **Research Centers of excellence** by JNTUK, Kakinada. The place is a hub of leading power plants like Dr.NTTPS, LANCO Power and Industries like APHMEI, HPCL and Bharath Petroleum.

LBRCE has sophisticated infrastructure, supported by a dedicated team of well qualified and experienced faculty. LBRCE offers B.Tech Courses in CSE, Civil, ECE, EEE, EIE, IT MECH and Aerospace Engineering and P.G. programmes: M.B.A., M.C.A. & M.Tech specializations in EEE, ECE, CSE and Mech. streams. All laboratories are equipped with state of the art facilities backed by advanced computer systems with latest software. The library has over 57,183 books spanning 14,000 titles. It subscribes over 156 National journals and 116 Technical and general magazines. A digital library is a part of this facility with over 6506 VCD collections produced from IITs, EKALAVYA, SONET, NPTEL and SWAYAM PRABHA. The students have access to 330Mbps dedicated internet line and also to DELNET to supplement their classrooms teaching.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering offers an undergraduate program in Electrical & Electronics Engineering and a Post-graduate program in the specialization of Power Electronics & Drives. The Department has well qualified faculty and good laboratory facilities. EEE Department is recognized as research centre by JNTUK, Kakinada. Department has licensed software: MATLAB(7.0), MATLAB(R2016a), PSCAD/EMTDC, LABVIEW, ETAP, MULTISIM, ANSYS, Xilinx and DIGSILENT. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

Five-Day Skill Development Training
Program on
"Industrial Automation using PLC, SCADA
and IOT" in association with INDWELL
Institute Of Technology, PUNE, Maharashtra

11th – 15th February, 2019



Chief Patrons

Er. Lakireddy Bali Reddy, Chairman
Sri L.Jaya Prakash Reddy, Co-Chairman
Sri LNRK.Prasad Reddy, Vice Chairman

Patrons

Sri G. Srinivasa Reddy, President, LBRCT
Er.K.Timma Reddy, Director, Infrastructure
Dr.K.Appa Rao, Principal
Dr.K.Srinivasa Reddy, Vice-Principal

Convener

Dr. M. UmaVani, Prof. & HOD

Coordinator

Dr.A.V.G.A.MARTHANDA

Department of Electrical and Electronics Engineering
Lakireddy Bali Reddy college of Engineering
(Autonomous)

Mylavaram, Krishna (Dt)

Andhra Pradesh, India-521230.

Ph: 08659 222933 Fax: 08659 222931

<http://www.lbrce.ac.in>

INTRODUCTION

Automation is basically the delegation of human control function to technical equipment. It is the use of control systems such as computers, PLCs, Microcontrollers to control machinery and processes to reduce the need for human sensory and mental requirements as well. Industrial Automation i.e. to "Automate Industry" is the basic need of almost every type of manufacturing and production unit today. Food/ Beverage, Metal, Mining, Power, Textile, Petrochemical, Machine Manufacturing, Automobile etc are the few examples where we see the automation today. The most used guiding force behind an Automated Industrial Plant is a "Programmable Logic Controller" generally known as a PLC. PLCs along with certain other necessary ingredients like Sensors, Motors, Actuators, Valves, Conveyors, Boilers, SCADA Systems, Computers & many more, makes a real automated manufacturing plant.

OBJECTIVE OF THE PROGRAM

The Main Objective of this Three-Day workshop is to make the aspiring engineering students acquainted with the conceptual as well as practical knowledge of the Industrial Automation & Latest Technologies being used to achieve Industrial Automation. The idea of Organizing this Three-Day workshop is to inculcate the basic fundamentals of Automation among the students and equip them with employability skills.

TOPICS TO BE COVERED

PLC: Introduction, types, leading hardware and software, logic development, important instruction, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.

HMI/MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, password level, screen display & Industrial project development.

SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.

INTERFACING PROJECT: Complete interface of PLC, HMI, SCADA, AC DRIVE, AC motor, Digital I/Os with a real Industrial application.

AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and de acceleration time control of induction motor, interfacing with PLC, multispeed & multi directional control project.

ELIGIBILITY

The program is open to EEE, ECE & ME UG and PG students of AICTE approved Engineering colleges.

RESOURCE PERSONS

Experts from **INDWELL INSTITUTE OF TECHNOLOGY**, Pune will act as resource persons.

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinators on or before **09.02.2019**. The soft copy of application (scanned copy) can also be sent to the coordinator.

Registration Fee (Cash payment only) : Rs.800/-

ABOUT MYLAVARAM

It is situated at a distance of 40 km. from Vijayawada and is well connected by rail and road to various places in the country. Participants can reach to Mylavaram by boarding buses run by APSRTC towards Tiruvuru, Kothagudem & Bhadrachalam, city bus services (with number 350).

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

MYLAVARAM – 521 230

Department OF Electrical and Electronics Engineering
Five-Day Skill Development Training Program on
"Industrial Automation using PLC, SCADA and IOT" in association with INDWELL Institute of Technology, PUNE
11th - 15th February, 2019

REGISTRATION FORM

1. Name of the participant : _____
2. UG/PG: _____
3. Year : _____
4. College: _____
5. Place: _____
6. Email: _____
7. Phone: _____

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 the Applicant

LAKIREDDY BALIREDDY COLEGE OF ENGINNERING

DEPARMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Autonomous & Affiliated To JNTUK, Kakinada & Approved By AICTE, New Delhi,
NAAC Accredited 'A' grade, Accredited BY NBA, Certified By ISO 9001:201)
L B Reddy Nagar, Mylavaram-521230, Krishna District, Andhra Pradesh

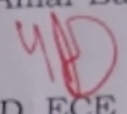
Date: 01-10-2018

CIRCULAR

In the Department of Electronics and Communications Engineering, It is decided to conduct Module-II & III (MyDAQ & MyRIO) COMPETANCE DEVELOPMENT PROGRAM in the month of November 2018 For B.Tech. V-Sem during the Academic Year 2018-19.

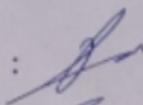
Students are informed to Register their on or before 7TH October 2018.

Dr.Y.Amar Babu

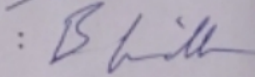

HOD, ECE

Circulation among students and coordinators

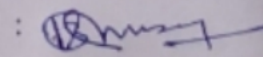
Dr.P.Lachi Reddy, Professor

: 

Mr.B.V.N.R.Siva Kumar

: 

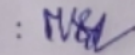
B.Tech.,V-Sem,ECE.,Section-A

: 

B.Tech.,V-Sem,ECE.,Section-B

: 

B.Tech.,V-Sem,ECE.,Section-C

: 

LABVIEW Certification Program “HANDS-ON TRAINING ON myDAQ”

19TH November, 2018 to 24TH November, 2018

About the Program

Building on information taught in LabVIEW Core 1, Data Acquisition and Signal Conditioning training teaches the fundamentals of PC-based data acquisition and signal conditioning. Students learn how to perform different types of acquisition and to identify the correct sensor for their measurements. Students also discuss signal conditioning fundamentals and install and configure hardware in classroom-based courses.

Date	9:30 to 11:30	15 min	11:45 to 13:00	45 min	13:45 to 15:15	15 min	15:30 to 17:30
Day-1	Data Acquisition in engineering solutions WHAT? WHY? HOW?	Test	Connecting & Configuring NI myDAQ - (NI MAX Test Panels)	LUNCH	Hands-on NI myDAQ - accessing NI myDAQ using DAQ Assistant	Test	Hands-on NI myDAQ - acquisition & calibration (AI - Sample on Demand)
Day-2	Hands-on NI myDAQ - Data Acquisition & Logging (AI)		Hands-on NI myDAQ - Data Acquisition & Control (AI & DO)		Hands-on NI myDAQ - Acquisition & linearization (AI - Sample on Demand)		Hands-on NI myDAQ - Counter with DIO
Day-3	Hands-on NI myDAQ - sampling rate & its Strategies		Hands-on NI myDAQ - Application Development (Natural Frequency of Oscillation)		Hands-on NI myDAQ - counters in real-time Applications		Hands-on NI myDAQ - PWM & DAQ Counters
Day-4	Hands-on NI myDAQ - Audio Signal Acquisition & Processing (Continuous Sample)		Hands-on NI myDAQ - Application Development (Audio Equalizer)		Hands-on NI myDAQ - DAS Application Development		Hands-on NI myDAQ - DAS Application Development
Day-5	Hands-on NI myDAQ - ATE Application Development		Hands-on NI myDAQ - ATE Application Development		Hands-on NI myDAQ - Creating .EXE & Installers for DAS & ATE		Discussion - DAQ Systems for Academic Projects & Research

LAKIREDDY BALIREDDY COLEGE OF ENGINNERING

DEPARMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Autonomous & Affiliated To JNTUK, Kakinada & Approved By AICTE, New Delhi,
NAAC Accredited 'A' grade, Accredited BY NBA, Certified By ISO 9001:201)
L B Reddy Nagar, Mylavaram-521230, Krishna District, Andhra Pradesh

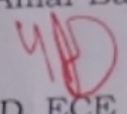
Date: 01-10-2018

CIRCULAR

In the Department of Electronics and Communications Engineering, It is decided to conduct Module-II & III (MyDAQ & MyRIO) COMPETANCE DEVELOPMENT PROGRAM in the month of November 2018 For B.Tech. V-Sem during the Academic Year 2018-19.

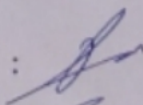
Students are informed to Register their on or before 7TH October 2018.

Dr.Y.Amar Babu

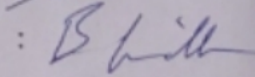

HOD, ECE

Circulation among students and coordinators

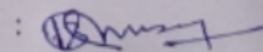
Dr.P.Lachi Reddy, Professor

: 

Mr.B.V.N.R.Siva Kumar

: 

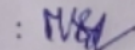
B.Tech.,V-Sem,ECE.,Section-A

: 

B.Tech.,V-Sem,ECE.,Section-B

: 

B.Tech.,V-Sem,ECE.,Section-C

: 

LABVIEW Certification Program “HANDS-ON TRAINING ON myRIO”

25TH November, 2018 to 30TH November, 2018

About the Program

Building on information taught in LabVIEW Core 1, Data Acquisition and Signal Conditioning training teaches the fundamentals of PC-based data acquisition and signal conditioning. Students learn how to perform different types of acquisition and to identify the correct sensor for their measurements. Students also discuss signal conditioning fundamentals and install and configure hardware in classroom-based courses.

NI myRIO is a revolutionary hardware/software platform that gives students the ability to “do engineering” and design real systems more quickly than ever before. Complete with the latest Zynq integrated system-on-a-chip (SoC) technology from Xilinx, the NI myRIO boasts a dual-core ARM® Cortex™-A9 processor and an FPGA with 28,000 programmable logic cells, 10 analog inputs, 6 analog outputs, audio I/O channels, and up to 40 lines of digital input/output (DIO). Designed and priced for the academic user, NI myRIO also includes onboard WiFi, a three-axis accelerometer, and several programmable LEDs in a durable, enclosed form factor.

Date	9:30 to 11:30	15 min	11:45 to 13:00	45 min	13:45 to 15:15	15 min	15:30 to 17:30
Day-1	Measurement & Automation in Engineering Solutions WHAT? WHY? HOW?	Tea	Introduction NI Embedded Platform - RIO	Lunch	Connecting & Configuring NI myRIO	Tea	Hands-on NI myRIO – Accessing on-board devices
Day-2	Hands-on NI myRIO – Creating Stand-alone application		Hands-on NI myRIO – AI, AO & DIO Programming		Hands-on NI myRIO – Acquiring Data from Sensor & Logging (AI)		Hands-on NI myRIO – DIO (MXP & MSP), PWM
Day-3	Hands-on NI myRIO – Data Acquisition & Control		Hands-on NI myRIO – Creating User Interface for RT Target		Hands-on NI myRIO – Protocols (SPI, I2C & UART)		Hands-on NI myRIO – Protocols (SPI, I2C & UART)
Day-4	Hands-on NI myRIO – Introduction to FPGA Programming		Hands-on NI myRIO – Sensor Data Acquisition & Calibration in FPGA		Hands-on NI myRIO – Dynamic Signal Acquisition using FPGA (FIFO)		Hands-on NI myRIO – Configuring & Connecting myRIO through Wi-Fi
Day-5	Hands-on NI myRIO – Application Development (Wireless Network)		Hands-on NI myRIO – Interfacing Mobile Devices		Hands-on NI myRIO – Interfacing myRIO RT + FPGA		Discussion – NI RIO Platform for Academic Projects & Research

The Trainer details are

- 1> Esakki Raja (+91-81223 26419), trainee, NI LABVIEW
- 2> Satyanarayana A (+91-81471 00927), trainee, NI LABVIEW

ABOUT THE INSTITUTE

The Lakireddy Bali Reddy College of Engineering (LBRCE) was established in the year 1998 by Lakireddy Bali Reddy Charitable Trust, whose architect is Er. Lakireddy Bali Reddy garu. 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. The institute is certified by ISO: 9001-2015.

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

The Department of Mechanical Engineering was started in the year 1998. It offers undergraduate program in Mechanical Engineering with an intake of 80 accredited by NBA(Tier-I) and NAAC of UGC New Delhi. The Dept is recognized as a Research Centre by JNTUK Kakinada. The Dept offers a Post-graduate program in the specialization of Thermal engineering. 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.

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).

ELIGIBILITY

The programme is open to all Final Year B.Tech students of AICTE approved Engineering colleges and Industry personnel working in the concerned/allied areas of Engineering.

REGISTRATION

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinators on or before 15.12.2018. The soft copy of application (scanned copy) can be sent to the mail (hodmech@lbrce.ac.in).

Note: Brochure & registration form can also be downloaded from our college website.

<http://www.lbrce.ac.in>

Registration Fee:

For Students: Rs. 1500/-

Certificate provided by ANSYS Company

Note: Registration fee in cash can be paid on the day of Registration.

The Department of Aerospace Engineering was started in the year 2011. The department offers 4 years undergraduate program, B.Tech in Aerospace Engineering. The department has a team of highly qualified, dedicated and motivated faculty and well equipped laboratories. The department has laboratories, classrooms, faculty rooms, sophisticated lab equipments and well versed library. The department has a wide range of teaching activities.

OBJECTIVE OF THE PROGRAMME

In the present era of remarkable technological achievements in the numerical domain new techniques have been applied in the engineering. There is increased necessity to solve complex problems in numerical domains and obtain better results from the simulations. Finite Element Analysis & Computational Fluid Dynamics has become an important tool in furthering a variety of fields of Engineering. The ANSYS is one of the best Multi-physics platforms which cover various interdisciplinary domains such as Mechanical, Aerospace, Electronics, etc.

This SDP aims at providing **complete hands-on training** on FEA analysis. The SDP will help the participants to develop expertise on various aspects of ANSYS for FEA applications. The FDP serves the purpose of bringing together the engineers from various domains such as Structural, Thermal and Fluid Dynamics fields.

RESOURCE PERSONS

- 1. Ganesh Chakravarthi**
Senior Application Engineer (FEA),
ARK Infosolutions Pvt. Ltd., Pune.
- 2. Vinay Kumar**
Application Engineer (FEA),
ARK Infosolutions Pvt. Ltd., Hyd.

Last Date for Submission of Registration form:

15.12.2018

Intimation of selection through mail: 16.12.2018

Address for Correspondence:

**A NAGESWARA RAO/
NAZUMUDHIN SHAIK**

Coordinators

Department of Mechanical Engineering and
Aerospace Engineering
Lakireddy Bali Reddy College of Engineering
(Autonomous)

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

E-mail: hodmech@lbrce.ac.in

Tel.No.: 08659 222933(Ext-316)

Mobile: +91 8985621662

COURSE CONTENTS

- Fundamentals of FEA
- General Pre-Processing
- Modeling
- Meshing
- Remote Boundary Conditions
- Static Structural Analysis
- Thermal Analysis



LAKIREDDY BALIREDDY COLLEGE OF
ENGINEERING (AUTONOMOUS)
MYLAVARAM – 521 230
Department of Mechanical Engineering and Aerospace
Engineering

Five Day Student Certification Program on
“Finite Element Analysis using ANSYS”
17th December-21st December, 2018

REGISTRATION FORM

1. Name: _____
2. Designation: _____
3. Qualification: _____
4. Institution: _____
5. Department: _____
6. Areas of Interest: _____
7. Address for Correspondence

8. Phone no: _____
9. 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

Five Day Student Certification Program on
“Finite Element Analysis using ANSYS”
17th December-21st December, 2018



Chief Patrons

Er. Lakireddy Bali Reddy

Chairman

Sri Lakireddy Jaya Prakash Reddy

Managing Trustee

Sri Lakireddy Prasad Reddy

Vice-Chairman

Patrons

Sri G. Srinivasa Reddy

President, LBRCT

Dr. K. Appa Rao

Principal

Dr. K. Srinivasa Reddy

Vice-Principal

Advisor

Prof. P. Bhupal Reddy

Professor & Dean (ME)

Conveners

Dr. S. Pichi Reddy

Professor & HOD

Mechanical Engineering

Dr. P. Lovaraju

Professor & HOD

Aerospace Engineering

Co-ordinators

A NAGESWARA RAO

Assistant Professor

Dept of Mechanical Engineering

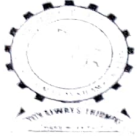
NAZUMUDHIN SHAIK

Assistant Professor

Dept of Aerospace Engineering

Organized by:

DEPARTMENT OF MECHANICAL ENGINEERING AND
AEROSPACE ENGINEERING
LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
(AUTONOMOUS),
MYLAVARAM KRISHNA (Dt), A.P.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(Autonomous)

L.B.Reddy Nagar, Mylavaram-521230, Andhra Pradesh, India
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi


DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Date: 10/12/2018

All the students of IV B.Tech are here by informed that 5 day student certification program on "Basic course on FEA" using ANSYS will be conducted from 17/12/2018 to 21/12/2018.. Interested students need to be enrolled with Mr.A.Nageswara Rao, Assistant Professor on or before 15/12/2018. The following topics will be covered in the program.

S.NO	TOPIC
1	Introduction to ANSYS Meshing, Meshing Methods, Global mesh controls, Local mesh controls
2	Mechanical basis, General pre processing, meshing in mechanical, modeling connections
3	modeling connections, Remote boundary conditions, static structure analysis, thermal analysis
4	Introduction to heat transfer ,heat transfer fundamentals, pre processing, boundary conditions
5	Steady state heat transfer, nonlinear thermal analysis, transfer analysis


10/12/2018
HOD

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)**

L.B.Reddy Nagar, Mylavaram – 521 230.Andhra Pradesh, INDIA
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi
New Delhi & certified by ISO 9001:2015

SKILL DEVELOPMENT CENTRE -LBRCE

Date: 29-10-2018

CIRCULAR

All 1st, 2nd & 3rd year B.Tech students are instructed to register in Semester Break Global Certification Training Programs which are scheduled on 17-11-2018 to 01-12-2018 for this odd semester. These Certification Programs are being offered by reputed organizations through APSSDC are essential to improve the skill sets of the students and it is mandatory as per the new curriculum.

S.No	Branch	Year	Name of the organization being issue the certificate	Certificate Program	Workshop	Duration In days	Fee Rs
1	ECE	III rd	Udemy & IoT university	IoT	--	6	250
		II nd	Udemy	SCI Lab	--	3	150
2	ASE	II nd	Auto Desk	Auto CAD	--	15	1000
		III rd	Dassualt	Catia Design	--	15	--
3	CIVIL	I st	Auto Desk	---	Basics of Auto CAD	3	250
		II nd	Auto Desk	Auto CAD	--	15	1000
		III rd & IV th	Auto desk	Revit Architecture	--	15	1000

Hence all HOD's are requested to motivate the students and ensure the 100% registrations for the above Certification Programs.


PRINCIPAL

Cc: i) The President for kind info ii) Vice Principal iii) All HODs iv) SDC coordinator.


LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Autonomous & Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi,
NAAC Accredited, Certified by ISO 9001:2015)
L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.

Date: 17-11-2018

SCI lab Training program being conducted by APSSDC, Andhra Pradesh

Contents to be covered

1. Introduction to Scilab
2. Programming
 - a. Variables, assignment and display
 - b. Loops
 - c. Tests
 - d. 2 and 3D plots
 - e. Supplements on matrices and vectors
 - f. Calculation accuracy
 - g. Solving differential equations
3. Familiarization of Scilab functions
 - a. In analysis
 - b. In probability and statistics
 - c. To display and plot
 - d. Utilities


Coordinator
Mr. V.V. Rama Krishna
Assoc. Professor,
Dept. of ECE



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)
(Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,
NAAC Accredited with "A" grade & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>)
L.B. Reddy Nagar, Mylavaram-521 230. Andhra Pradesh, INDIA



Five Day Certification Program

on

MEMS Modelling using ANSYS

20th - 25th August 2018

by

Sri Vishnu Mahendra Thakur

Sr. Application Engineer, ANSYS

Organized by

Department of Electronics & Instrumentation Engg.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram - 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

Accredited by NAAC with 'A' grade, "CPE" status by UGC, Certified by ISO 9001:2015

Tel.: 08659-222933, 934, 936, Fax: 08659-222931, <http://www.lbrce.ac.in>

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Mylavaram,

Dt.: 16-08-2018.

To
The Principal,
LBRCE,
Mylavaram.

Sub.: Request for Permission to conduct Certification Program - reg.,

Respected Sir,

With your kind prior approval, we are planning to organize "Certification Program on MEMS Modelling using ANSYS" during 20th to 25th Aug. 2018. In this connection, kindly grant us permission for the same. The details of resource person and expected participants including registration fee particulars given below.

Resource Person : Mr. Vishnu Mahendra Thakur

Designation : Senior Application Engineer, ANSYS, Hyderabad

Registration Fee : Rs. 1770/- per candidate

No. of Participants : 30

Thanking You Sir,

Head of the Department
Head

Department of Electronics & Instrumentation Engg.
Lakireddy Bali Reddy College of Engg. (Autonomous)
Mylavaram - 521 230 - Krishna Dt., A.P.

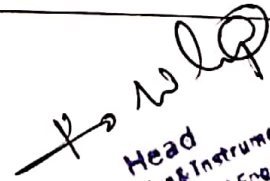
Yours Sincerely,

(Dr. T. Satyanarayana)
Professor, Dept. of EIE,
Coordinator of Program.

**MEMS (Micro-Electromechanical Systems) –
5 Days Schedule using ANSYS Tools**

Day	Topic	Workshop
Day 1	<ul style="list-style-type: none"> • Introduction to ANSYS HFSS • Assigning Boundary Conditions in ANSYS HFSS • Assigning Excitations in ANSYS HFSS • Solution Process in ANSYS HFSS Analysis Setup, Frequency Sweep • Introduction to ANSYS 2D Extractor • Post Processing in ANSYS HFSS & 2D Extractor 	<ul style="list-style-type: none"> • Modelling & Analysis of Coplanar Waveguide in HFSS • Modelling & Analysis of Coplanar Waveguide in 2D Extractor
Day 2	<ul style="list-style-type: none"> • Post Processing Insertion Loss / Isolation / Return Loss Current Distribution • Parametric Analysis in ANSYS HFSS Variable Beam Length (Up/Down), Variable Beam Width(Up/Down), Beam Movement (Down) • Creation of Output Variables (Evaluating Losses) 	<ul style="list-style-type: none"> • Modelling & Analysis of CPW RF MEMS (Shunt Configuration) • Modelling & Analysis of CPW RF MEMS (Series Configuration)
Day 3	<ul style="list-style-type: none"> • Solution Process in ANSYS Q3D Extractor Analysis Setup - Solution Selection (CG/DC RL/ AC RL) Frequency Sweep • Post Processing & Solution Data Extracting DC RL & CG (Beam in Up/Down Position) • Equivalent Circuit Model • Solution Process in ANSYS Maxwell • Forces on the Beam at different beam heights & Voltages 	<ul style="list-style-type: none"> • Analysis of CPW RF MEMS (Shunt Configuration) • Analysis of CPW RF MEMS (Series Configuration)
Day 4	<ul style="list-style-type: none"> • ANSYS Multiphysics for MEMS Applications 	<ul style="list-style-type: none"> • Modelling & Analysis of MEMS (HFSS + Maxwell + Mechanical (Stress))
Day 5	<ul style="list-style-type: none"> • Piezo MEMS Module – Introduction • Electromechanical Transducer • Capacitance Extraction 	<ul style="list-style-type: none"> • Introduction to MEMS Accelerometers & Piezo MEMS

T. Srinivas
(Coordinator)


 Head
 Department of Electronics & Instrumentation Engg
 Lakshmi Bai Reddy College of Engg. (Autonomous)
 Mylavaram - 521 230 - Krishna Dt. A.P.

REGISTRATION FORM

Name _____
Regd. Number: _____
Year of Study: _____
Department: _____
Address for Communication: _____

E-mail: _____
Phone Number: _____

Signature of the Participant

This is to certify that Mr./Ms. _____ is a student of our department. He/she is permitted to attend the programme, if SELECTED. He/she will abide by the rules and regulations of the host institution.

Date: _____ Signature of the Head of the Department with Date and Seal

ADDRESS FOR CORRESPONDENCE:

Dr. D. Veeraiah,
Coordinator,
Professor, Department of CSE,
Lakireddy Bali Reddy College of Engineering (Autonomous),
Mylavaram - 521230.
Mobile: +91-8333905834, +91-8919810599
Mail ID: veeraiahdvc@gmail.com

COMMITTEE MEMBERS

Chief Patrons:

- 1) Er. Lakireddy Bali Reddy, Chairman
- 2) Sri L. Jaya Prakash Reddy, Co-Chairman
- 3) Sri L.R.N.K. Prasad Reddy, Vice-Chairman

Patrons:

- 1) Sri G. Srinivasa Reddy, President
- 2) Er. K. Thimma Reddy, Director Infra
- 3) Dr. K. Appa Rao, Professor & Principal
- 4) Dr. R. Chandrasekharam, Dean, School of Computing

Convener:

Dr. Ch. Venkata Narayana, Professor & HOD,
Department of CSE

Coordinators:

- 1) Dr. D. Veeraiah, Professor, Department of CSE
- 2) Dr. D. Jagan Mohan Reddy, Assoc. Professor, Department of CSE

Co-ordinators:

- 1) Mr. T.N.V.S. Praveen, Asst. Prof., CSE Dept.
- 2) Mr. P. Vamsi Naidu, Asst. Prof., CSE Dept.

Organizing Committee:

All faculty of department of CSE

Objective of the Program:

This program is designed to train and develop III Year Students of CSE Department by equipping them to be able to use Python Programming for solving Data Science problems. The main objective of this training program is to provide hands-on familiarity with Python Programming in an on-going process of Data Science.

Topics to be Covered:

Given topics will be covered in this training program, but not limited to:

- Basics, Expressions & Control Statements
- IO Operations and Modules
- Troubleshooting and Error Handling
- NumPy and NumPy Arrays
- Data Frames
- Visualization using Matplotlib
- Pandas Built-In Data Visualization
- Plotly, Cufflinks and Geo Mapping with Choropleth Maps
- Decision Trees, Logistic Regression, Linear Regression and Unsupervised Learning

ONE WEEK

MICROSOFT CERTIFICATION PROGRAM

on



Data Science with Python

DATA SCIENCE WITH PYTHON

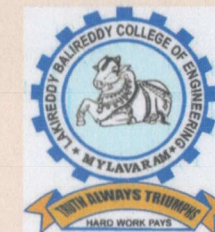
(26th to 31st August, 2019)

IN ASSOCIATION WITH



Organized By:

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
Accredited by NAAC & NBA (CSE, IT, ECE, EEE, MECH)
An ISO 9001:2015 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 10/06/2019

Circular

Sub: Dassault systemes 3D Experience Training reg.

Dassault Systemes 3D Experience training will be offered for B.Tech III, V and VII semester Mechanical Engineering & Aerospace Engineering students from 17-06-2019 to 30-11-2019. All the interested students are informed to utilize this facility. After successful completion of the training, a Global certification exam will be conducted preferably in the month of December 2019. Interested students are informed to enroll their name with the class teacher. Last date to enroll to the program is 15-06-2019.

HOD

Training Delivery Content

SESSIONS	Deliverables	
TOOL : CATIA		SESSION : 2 HRS /DAY
Session -1	<ul style="list-style-type: none"> • About 3D Experience Lab • About Industries / Design & R&D • CATIA /Delmia / Simulia 	Give and introduction about 3D Experience Platform and give a brief about the Project (APPSSDC DASSAULT CoE)
SKETCHER		Duration – 10 Hrs
SESSION - 2	<ul style="list-style-type: none"> • Workbench Introductions • Types of sketches • Creation Profiles • Practice of Profile Toll bar with 3-4 basic Sketches 	Brief about sketcher and Geometry. Explain about positioned sketch and sliding sketch. Explain how to create profiles using profile bar allow them to practice profiles without constraints
SESSION - 3	<ul style="list-style-type: none"> • Sketcher Constraints • Sketcher Operations • Practice 5 sketches with different constraints 	Explain how to draw profiles with remaining commands like line, circle etc available in profile bar Explain how to iso constraint a profile. Explain the commands like trim, quick trim etc, allow them to practice 5 profiles with constraints
SESSION - 4	<ul style="list-style-type: none"> • Transformation of profiles • Projection from 3 D elements • Practice of transform tools with suitable sketches • 	Explain the commands in transformation bar, develop one 3D shape and explain what is 3D Projection command. Allow them to practice. Practice files for this session will be allotted by the trainer.
SESSION - 5	<ul style="list-style-type: none"> • Sketch analysis • Sketch modifications • Create 5 to 10n Sketches with ISO Constraint 	Explain how to analyse sketch using sketch solving status like whether the sketch is ISO constrained or not. Allow them to practice 5 profiles.
SESSION - 6	<ul style="list-style-type: none"> • Practice and Evaluation session 	Conducting Practice session and evaluation students.

PART DESIGN		DURATION – 22 HRS
Session -7	<ul style="list-style-type: none"> • Workbench Introduction • Reference Elements • Practice of types of Point, line and planes 	<p>Explain what part design is for and importance of the module.</p> <p>Explain how to create planes and points in Reference bar.</p> <p>Allow them to practice creation of points and planes, trainer must allot for practice.</p>
SESSION - 8	<ul style="list-style-type: none"> • Basic solid features • Practice of basic 2D to 3D Parts • 	<p>Explain commands like PAD and POCKET.</p> <p>Allow them to convert 2D to 3D by using above commands.</p>
SESSION – 9	<ul style="list-style-type: none"> • Advanced solid features • Practice of Ribs, Slots & Multi-sections 	<p>Explained the commands like shaft , Groove, Rib, Slot, Multi-sections and Hole.</p> <p>Ask them to practice on command base taught by trainer, no need of special practice files.</p>
SESSION – 10	<ul style="list-style-type: none"> • Dress up features • Practice of fillets, chamfers, shell 	<p>Explained the commands like fillets, chamfers, shell and Draft.</p> <p>Allow them to practice by combining session -8 and Session-9</p>
SESSION –11	<ul style="list-style-type: none"> • Transformation of solids • Practice of pattern, Mirror and scaling 	<p>Explained the commands like Translation, Rotation, Symmetry, Circular Patter and Rectangular Pattern.</p> <p>Trainer should allot profile and make them to practice the above commands.</p>
SESSION – 12	<ul style="list-style-type: none"> • Surface based features • Practice of Splitting solids with surfaces • Maintenance of specification tree 	<p>Just give a brief about surface based features and inform them this commands will be used when we start GSD.</p> <p>Explain the importance of tree and tell them to maintain like keeping bodies and geometrical sets in an ORDER and etc.</p>
SESSION – 13	<ul style="list-style-type: none"> • Introduction to Body concept • Explain the needs of Body concepts • Boolean operations • Practice 3D models using Booleans 	<p>Explain the about bodies in part design and give a brief above body concept</p> <p>Explain why we use body concept in part design, and explain why we use body concept in part design, and explain about hybrid design and non hybrid design.</p> <p>Explain about command like ADD, REMOVE ASSEMBLE, UNIFORM.</p> <p>Allow them to practice for two profiles using Boolean operations.</p>
SESSION – 14	<ul style="list-style-type: none"> • Creation of complex parts using body concept • Practice of 3 to 5 complex solids using body concept 	<p>Once the basic practice for Boolean is over allow them to practice 2 profiles of complex shapes using Boolean by combining remaining operations previous sessions.</p>
SESSION – 15	<ul style="list-style-type: none"> • Power copy • Practice of power copy tool 	<p>Just explain and make aware of power and show them how it works</p>
SESSION – 16	<ul style="list-style-type: none"> • Practice and Evaluation session 1 	<p>Conducting Practice session and evaluating students</p>
SESSION – 17	<ul style="list-style-type: none"> • Practice and Evaluation session 2 	<p>Conducting Practice session and evaluating students</p>

ASSEMBLY DESIGN		DURATION -12 HRS
Session -18	<ul style="list-style-type: none"> • Introduction Workbench • Importing of parts & Products • Practice of Product structure tools with basic Assembly 	<p>Explain about the module and what the usage assembly modules.</p> <p>Just show how to import parts and don a basic assembly.</p> <p>Allow them to practice a basic one, which will be allotted by trainer.</p>
SESSION - 19	<ul style="list-style-type: none"> • Types of Assembly –approach • Top Sown Assembly • 	<p>Explain the detail about top down assembly and bottom up assembly.</p> <p>Just create a small example and show them and allow them to practice with basic one.</p>
SESSION - 20	<ul style="list-style-type: none"> • Training on work with Top Down Assembly and Bottom Up Assembly approaches 	<p>Explain and create a model and assembling a product in top and bottom assembly</p>
SESSION - 21	<ul style="list-style-type: none"> • Assembly constraints • Practice of various constraints tools 	<p>Explain detail about the constraints in the assembly.</p> <p>Allow them to practice base upon that constraints</p>
SESSION - 22	<ul style="list-style-type: none"> • Bottom Up Assembly • Creating assembles by importing parts 	<p>Explain how to do assembly by importing parts.</p> <p>Allow them to practice for two assemblies.</p>
SESSION - 23	<ul style="list-style-type: none"> • Practice and Evaluation session 1 	<p>Conducting Practice session and evaluating students</p>
	<ul style="list-style-type: none"> • Practice and Evaluation session 2 	<p>Conducting session Practice and evaluating students</p>



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Karnataka

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

Circular

Sub: Dassault Systemes Global Certification Exam reg.

The 3DEXPERIENCE is easy-to-use interface, it powers Industry Solution Experiences-based on 3D design, analysis, simulation, and intelligence software in a collaborative, interactive environment. It is informed to all the mechanical and Aerospace Engineering students who have undergone training on 3D EXPERIENCE that Dassault Certification is going to start from 03/12/2019 to 06/12/2019 in our 3D EXPERIENCE Lab in association with APSSDC. So, all the eligible students should register in APSSDC Portal on or before 2/12/2019 without fail. Please maintain complete certification data without fail. Please use the following registration link for registration:

<http://engineering.apssdc.in/dassault/>

[Signature]
30/12/2019
ME-HOD

INTRODUCTION

Objective of the event: The main objective of this Two- Week Certificate Training Course is to teach everyone the basics of programming computers using Python. This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies learned throughout the Specialization to design and create your own applications for data retrieval, processing, and visualization.

Schedule of the Course:

Day 1: Why We Program? Installing and Using Python, Variables and Expressions, Conditional Code, Functions, Loops and Iterations.

Day 2: Strings, Files, Lists .

Day 3: Dictionaries, Tuples, Regular expressions, Programs, Explanation of coursera

Day 4: Using Databases with Python.

Day 5: Capstone: Retrieving, Processing, and Visualizing Data with Python

Day 6: Python to Access, Web data, Clear doubts, Assignments, LMS and practice session.

Day 7: Databases with Python, Clear doubts, Assignments, LMS and practice session

Day 8: Databases with Python Clear doubts, Assignments, LMS and practice session

Day 9: Capstone: Retrieving, Processing, and Visualizing Data with Python Clear doubts, Assignments, LMS and practice session.

Day 10: Python to Access Web Data Clear doubts, Assignments, LMS and practice session.

Day 11: Databases with Python Clear doubts, Assignments, LMS and practice session.

Day 12: Capstone: Retrieving, Processing, and Visualizing Data with Python Clear doubts, Assignments, LMS and practice session

REGISTRATION PARTICULARS

An Amount of 1300/- need to be paid

Program Educational Objectives (PEOs):

Four to Five years after successful completion of graduation students will be able to:

- Pursue a successful career in the area of Information Technology or its allied fields.
- Exhibit sound knowledge in the fundamentals of Information Technology and apply practical experience with programming techniques to solve real world problems.
- Demonstrate self-learning, life-long learning and work in teams on multidisciplinary projects.
- Understand the professional code of ethics and demonstrate ethical behavior, effective communication, and team work and leadership skills in their job.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)
Accredited NAAC with "A" grade, ISO 9001:2015 Certified Institution,
Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada
L.B. Reddy Nagar, Mylavaram-521 230, Krishna Dist, Andhra Pradesh, INDIA
<http://www.lbrce.ac.in> phone: 08659-222933, 222934 Ext:109
DEPARTMENT OF INFORMATION TECHNOLOGY

**TWO WEEK CERTIFICATE TRAINING PROGRAM
ON
"PYTHON FOR EVERYBODY"
(14th May - 27th May, 2019)**

ABOUT THE DEPARTMENT

The Department of IT is established in the year 1999 and offers an undergraduate program in Information Technology. The Department has well qualified faculty and good laboratory facilities. All the laboratories are well equipped with state of the art experimental sets, both in quality and quantity, which brings the number of students per batch of two. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

Department Vision:

To emerge as one of the most preferred department for the budding engineers, aspiring to be successful IT professionals.

Department Mission:

- To inculcate team skills and leadership qualities in the student through projects, seminars and group activities.
- To impart quality education with a well-designed curriculum, consistent with industry requirements, that equips the student to face the career challenges.
- To cultivate the qualities of social awareness and service to the humanity among students.
- To extend the student's learning beyond the curriculum, through workshops on cutting edge technologies.

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, 40km from Vijayawada on Bhadrachalam highway and is spread over 50 acres of sprawling lush green landscape spotted with orchids and grooves. The place is a hub of leading power plants like VTPS, LANCO Kondapally and Industries like APHMEI, HPCL and Bharath Petroleum.

At LBRCE the focus is on a well balanced approach where most sophisticated infrastructure is supported by a dedicated team of well qualified and experienced faculty. The Management also actively involves in every aspect and career of the faculty and students. LBRCE offers B.Tech Courses in CSE, IT, ECE, EEE, EIE, MECH Engineering and P.G. programmes: M.B.A., M.C.A. & M.Tech Courses in ECE, CSE,IT and Mech. All laboratories are equipped with state of the art facilities backed by advanced computer systems and the latest software. The library has over **30,442 books** spanning **8589 titles**. It subscribes over **100 International Journals**, **74 National journals** and **39 Technical and general magazines**. A digital library is a part of this facility with over **4000 VCD collections** produced from IIT'S, EKALAVYA and SONET with **4.5TB of storage capacity server**. The students have access to internet and also to DELNET to supplement their classrooms teaching.

Institute Vision:

To empower students to become technologically vibrant, innovative and emotionally mature and to train them to face the challenges of the quality-conscious globalized world economy.

Institute Mission:

- To provide an environment most conducive to learning and to create a stimulating intellectual atmosphere on the campus.
- To achieve Academic Excellence.
- To ensure a holistic development of personality.
- To spread education to rural areas.
- To establish partnership between Institution & Industry.

ABOUT MYLAVARAM

It is situated at a distance of 45 Km. from Vijayawada. Mylavaram is well connected by rail and road to various places in the state. Participants are advised to alight either at Vijayawada or Kondapalli depending on their travel conveniences.

IMPORTANT INFORMATION

Last Date of Registration : 10-05-2019

Address for Correspondence:

Mr. V.V. Krishna Reddy,

Mr. K. Rajasekhar

Co-Ordinator,

Department of Information Technology

Lakireddy Bali Reddy College of

Engineering

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

Tel.No.: 08659 222933(Ext-109)

Mobile: 8179990050

TWO WEEK CERTIFICATE TRAINING PROGRAM

ON

“PYTHON FOR EVERYBODY”

(14th May - 27th May, 2019)



Chief Patron

Sri Lakireddy Bali Reddy,
Chairman

Sri Lakireddy Jaya Prakash Reddy,
Co-Chairman

Sri Lakireddy Prasad Reddy,
Vice-Chairman

Patron

Sri G.Srinivasa Reddy, President

Dr. K. Appa Rao, Principal

Dr. K.Srinivasa Reddy, Vice-Principal

Organizing Committee

Coordinator

Mr. V.V. Krishna Reddy,

Mr. K. Rajasekhar , IT Dept.

Organized by

CSI Student Chapter,

DEPARTMENT OF IT

LAKIREDDY BALI REDDY COLLEGE OF

ENGINEERING (Autonomous)

MYLAVARAM – 521 230

KRISHNA (DT) A.P.

Ph : 08659 222933 Fax : 08659 222931

<http://www.lbrce.ac.in>

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING****(AUTONOMOUS)**

Accredited by NAAC with B++ Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

ELECTRONICS & INSTRUMENTATION ENGINEERING

Date: 24-01-2020

This is informing to the students of II & III B.Tech **5-Day Workshop on "PYTHON PROGRAMMING"** organised by Department of EIE in association with APSSDC from 28-01-2020 to 01-02-2020. In this regard students registered their names & fee for this program is Rs.300/-. All the II & III B.Tech students must attend the classes without fail.

Note: Schedule of the **5-Day Workshop on "PYTHON PROGRAMMING"** mentioned below.

	Topic (F.N)	(A.N)
Day-1 (28-01-2020)	Introduction to PYTHON	PYTHON Installation
Day-2 (29-01-2020)	Programming writing	Programming writing
Day-3 (30-01-2020)	Conditional statements & Loops	Lab Session
Day-4 (31-01-2020)	While Loops	Functions in PYTHON
Day-5 (01-02-2020)	While Loops Project in PYTHON	Lab Session

HOD-EIE**Dr.B.Poornaiah**

LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING

INDUSTRY RELATIONS AND PLACEMENTS


Dt. 10-12-2019

TRAINING by EBOX

This is to inform you that T&P Department is going to conduct EBox Training Programme for pre final year students from 13th Dec, 2019 to 13th April, 2020 at our college for Placement Registered students.

3rd Year Placement Regd. Students.

Note: The placement Coordinators are requested to be in the training halls as per the schedule.


Principal

CC to: All HODs and Deans.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

Industry Relations and Placements

E-Box Training Program from 13-12-2019 to 13-04-2020

Schedule of the Training Program

S.No	Branch	Period of Training
1.	CSE & IT	13/12/2019 to 11/01/2020
2.	ECE	20/01/2020 to 15/02/2020
3.	EEE & ME	17/02/2020 to 14/03/2020
4.	ASE, CE & EIE	16/03/2020 to 13/04/2020

Content of Training Program

- Variables and Operators, Decision Constructs, Looping Constructs
- Lists, Arrays, Tuples, Set, Dictionary
- Strings, Regular Expressions
- Modules and Packages, Date and Time Functions, File Handling
- Linked List, Stack, Queue
- Trees and Graphs
- Hash Table, Analysis of Algorithms
- Searching and Sorting Algorithms
- Greedy Strategy and Dynamic Programming
- Backtracking, Branch & Bound

Training and Placement Officer



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I) ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

<http://cse.lbrce.ac.in>, cse.lbreddy@gmail.com, Phone: 08659-222933, Fax: 08659-222931

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dt: 05-05-2020

CIRCULAR

It is to inform to all B. Tech II year CSE students that a Training programme for a certification course on “Programming Essentials of C++” organised in Association with Cisco Netacad Academy from 15-05-2020 to 24-05-2020 in Netacad portal. All the students are requested to attended training without fail.



CSE- HOD

HEAD

Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt., . P.

Copy to:

- 1.G Balu Narshima Rao, CSE Department.
2. II Sem Students



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I) ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

<http://cse.lbrce.ac.in>, cse.lbreddy@gmail.com, Phone: 08659-222933, Fax: 08659-222931

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course Contents of "Programming Essentials for C++"

WEEK-1: (15-05-2020 to 21-05-2020)

Module 1 - Introduction to Computer Programming, Variables, Comments, Basic I/O operations, flow control

Module 2 - Advanced flow control (if, else, switch; loops) and data aggregates

Module 3 - Extending expressive power: pointers, functions, and memory

Module 4 - Accessing data: arrays of pointers, conversions, strings, namespaces, and exceptions

End of the week- SUMMARY TEST-1

WEEK-2: (22-05-2020 to 01-06-2020)

Module 5 - Object-oriented programming essentials (classes, objects, inheritance)

Module 6 - Inheritance

Module 7 - Exceptions

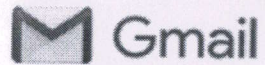
Module 8 - Operators and enumerated types

End of the week- SUMMARY TEST-2

Note: Final Test will be conducted after the completion of Summary TEST-1 & TEST-2

Head of the Department

HEAD
Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt, A.P.



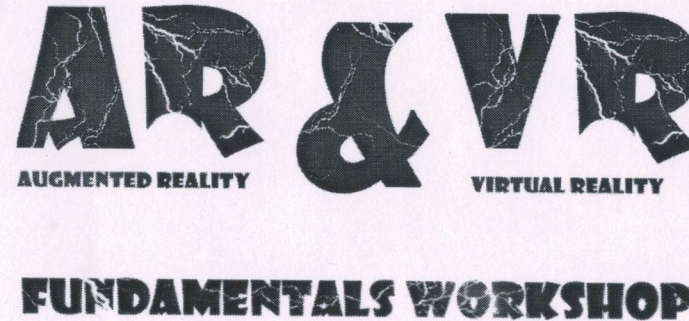
Dr.AshokReddy Pamulapati <pashokreddy29@gmail.com>

Reg: Augmented Reality and Virtual Reality(AR & VR) workshop

7 messages

Haripriya Manne <haripriya_m@apssdc.in>
To: pashokreddy29@gmail.com

Fri, Jan 24, 2020 at 3:05 PM



Dear Sir/Madam,

Greetings!!!

APSSDC initiated to skill the people on *Augmented Reality and Virtual Reality(AR & VR)*. APSSDC has collaborated with **EDURIDGE**

Benefits/Stats:

- Implement your creative thought into an AR & VR Application and publish Applications in the play store, and generate revenue from the play store.

- The current value of the AR market stands at \$3.5 billion.
- By 2020, there should be 1 billion augmented reality users.
- 70% of consumers believe AR can bring them benefits.
- 67% of media planners and buyers want AR/VR ads in digital marketing campaigns.
- Augmented reality users fall into the 16-34 age group.
- The AR / VR industry is on the lookout for young graduates with knowledge on Augmented / Virtual Reality.

Career pathways:

- Internships
- Job Opportunities

Eligibility:

- B.Tech –CSE, IT, ECE, Civil, EEE, Mechanical(2nd and 3rd Year Students)

Level of Courses offered:

SNo	Workshop Name	Duration/Days	Students Count
1	AR & VR Fundamentals workshop	2 Days	70
2	AR & VR Advanced workshop	6 Days	70

** APSSDC paying a fee to Company. so, it is free of cost for students.

Note: Don't collect the fee from the students. In any case, the program will be immediately stopped

Tools used for Workshop:

- Unity 3D (To develop 2D/3D/AR/VR Games) - Windows OS(8,10) (Min 8GB Ram) ,Android Mobile Phone(5.0 lollipop version, Gyroscope sensor) Internet connectivity
- One MSI laptop and Oculus rift/ Oculus quest / Oculus Go to be carried by Eduridge for the workshop

Please find the below attached course content for your reference.

The intention of this program is to guide the students towards **AR & VR** for developing their own Applications.

**** The best students to be selected from every batch of the workshop for an internship to be provided with **Xlenz LLP USA****

****Certificates will be provided by the Eduridge**

****College has to arrange food and accommodation for Trainers.**

For any queries related to the program, please contact 9676235899(Haripriya Manne) you can revert to this mail with your query.

**Regards
Haripriya Manne
Academic Initiatives - Engineering Division**



Andhra Pradesh State Skill Development Corporation



Eduridge AR VR Course Content.docx
343K



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I), ISO 9001:2015 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Workshop on Augmented Reality and Virtual Reality (From 02-03-2020 to 11-03-2020)


Contents to be covered:

Augmented Reality with Unity:

1. Introduction to AR.
2. Types of AR.
3. Industrial Pipeline and Application of AR.
4. Developing Marker Based AR.
5. Marker less AR.
6. Location Based AR Application.
7. Developing AR app with AR Core and AR Kit.
8. Few Case Studies on AR application.

Virtual Reality with Unity:

1. Introduction to VR.
2. Industrial Pipeline and Application of VR.
3. Developing VR application for Google Card Board.
4. Optimization Techniques for VR.
5. Few Case Studies on VR application.


HEAD
Dept. of Computer Science and Engineering
Lakireddy Bali Reddy College of Engg.
MYLAVARAM - 521 230, Krishna Dt., A.P.