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 Ex:109

DEPARTMENT OF INFORMATION TECHNOLOGY

One day workshop on "**My Smart Phone Kit for IOT: A Practical Approach**" on 27-02-2016 organized by Dept. of IT.

Department of Information Technology in association with **Indira Gandhi Institute of Technology, Guru Gobind Singh Indraprastha University, Delhi** by Dr. S. R. N Reddy , Professor conducted One day workshop on "**My Smart Phone Kit for IOT: A Practical Approach**" " on 27-02-2016
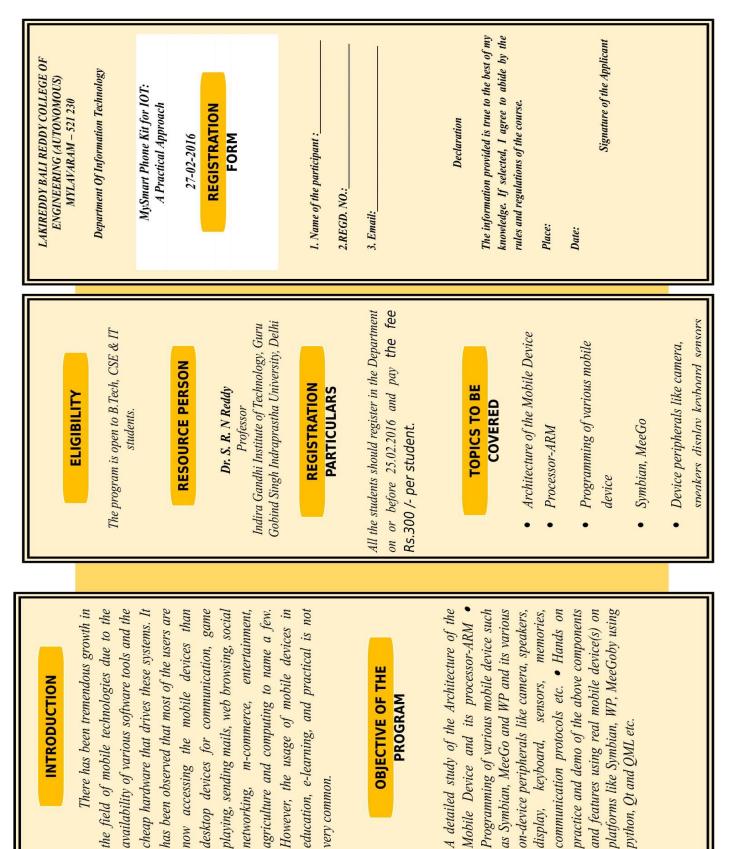
Principal of the College Dr. N.R.M Reddy gave the importance of the mobile applications & IOT(Internet of things). Dean School of Computing Dr.R.Chandrasekharam deliver The Internet of Things is ground zero for a new phase of global transformation powered by technology innovation, generating significant economic opportunities and reshaping industries. And department if information Technology HOD,Dr. D. Naga Raju and CSE Department HOD Dr. Ravi Shankar has said that the Students' competitive world should be made aware of this. B.Tech third year & final year students participated in this workshop. The participants were from diverse fields like electronics, computer engineering and information technology.

The resource person Dr. S. R. N Reddy says that there has been tremendous growth in the field of mobile technologies due to the availability of various software tools and the cheap hardware that drives these systems. It has been observed that most of the users are now accessing the mobile devices than desktop devices for communication, game playing, sending mails, web browsing, social networking, m-commerce, entertainment, agriculture and computing to name a few. However, the usage of mobile devices in education, e-learning, and practical is not very common.

A detailed study of the Architecture of the Mobile Device and its processor-ARM

• Programming of various mobile device such as Symbian, MeeGo and WP and its various on-device peripherals like camera, speakers, display, keyboard, sensors, memories, communication protocols etc.

• Hands on practice and demo of the above components and features using real mobile device(s) on platforms like Symbian, WP, MeeGoby using python, Qt and QML etc.

The brochure for the workshop is given below:

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

Department Of Information Technology

MySmart Phone Kit for IOT:
A Practical Approach

27-02-2016

REGISTRATION FORM

1. Name of the participant : _____

2.REGD. NO.: _____

3. Email: _____

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

ELIGIBILITY

The program is open to B.Tech, CSE & IT students.

RESOURCE PERSON

Dr. S. R. N Reddy
Professor
Indira Gandhi Institute of Technology, Guru Gobind Singh Indraprastha University, Delhi

REGISTRATION PARTICULARS

All the students should register in the Department on or before 25.02.2016 and pay the fee Rs.300 /- per student.

TOPICS TO BE COVERED

- Architecture of the Mobile Device
- Processor-ARM
- Programming of various mobile device
- Symbian, MeeGo
- Device peripherals like camera, speakers, display, keyboard, sensors

---

INTRODUCTION

There has been tremendous growth in the field of mobile technologies due to the availability of various software tools and the cheap hardware that drives these systems. It has been observed that most of the users are now accessing the mobile devices than desktop devices for communication, game playing, sending mails, web browsing, social networking, m-commerce, entertainment, agriculture and computing to name a few. However, the usage of mobile devices in education, e-learning, and practical is not very common.

OBJECTIVE OF THE PROGRAM

A detailed study of the Architecture of the Mobile Device and its processor-ARM • Programming of various mobile device such as Symbian, MeeGo and WP and its various on-device peripherals like camera, speakers, display, keyboard, sensors, memories, communication protocols etc. • Hands on practice and demo of the above components and features using real mobile device(s) on platforms like Symbian, WP, MeeGoby using python, Qt and QML etc.

Department Of Information Technology

MySmart Phone Kit for IOT: A Practical Approach

Chief Patrons
Er. Lakireddy Bali Reddy, Chairman
Sri LJaya Prakash Reddy, Co-Chairman
Sri LRNK.Prasad Reddy, Vice Chairman

Patrons
Sri G. Srinivasa Reddy, President, LBRCT
Er.K.Timma Reddy,Director ,Infrastructure
Dr. E V Prasad, Director
Dr. N. R. M Reddy, Principal

Convener
Dr. D. Naga Raju
Professor & HOD Dept. of IT.

Coordinators
Dr.S. Naganjaneyulu. Professor
Mr. T. Suresh, Assistant Professor

Organized by
Department of Information Technology
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

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** and Accredited by NAAC with **'A' Grade**. EEE, ECE and MECH undergraduate programmes are accredited by **NBA** (as per 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, IT & 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 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 **54,500** books spanning **15,600** 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 **270Mbps** dedicated internet line and also to DELNET to supplement

---

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.

Address for Correspondence:
Dr.S. Naganjaneyulu.
Professor
Mr. T. Suresh, Assistant Professor
Department of IT
Lakireddy Bali Reddy College of Engineering (Autonomous)
Mylavaram- 521 230, Krishna (Dt) A.P.
E-mail: svna2198@gmail.com
Mobile: +91 9392714705

TOPICS TO BE COVERED

- •   Architecture of the Mobile Device

- •   Processor-ARM

- •   Programming of various mobile device

- •   Symbian, MeeGo

- •   Device peripherals like camera, speakers, display, keyboard, sensors, and memories.

Memorable Event Photos from Workshop:

Lightening lamp & Dr.Ravi Shankar sir addressing

Resource person lecture talk & participants.

Finally the program concluded with vote of thanks to the resource person and to the management, guests, student members, press and media.