**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
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015
http://www.lbrce.ac.in, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109
**DEPARTMENT OF INFORMATION TECHNOLOGY**

# REPORT
# on
# *Cloud Computing and Code Security in Agile Methodology*
# 12h – 14th June, 2022

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Lakireddy Bali Reddy College of Engineering (A) has organized three-day workshop on cloud computing and code security in agile methodology from **12h – 14th June, 2022**. The program conducted by Dept. of IT. The III year students of LBRCE participated in this workshop.

**Resource Person**: Mrs. P. Revan Datta, Senior Associate, Blackbuck Insights Ind Pvt

**Day 1 (12/06/2022):**

FDP was inaugurated on 12th June,2022 by all the IT department Staff Members

The day started with the welcome speech given by the III year student and continued the workshop.

Topics Covered:

- Code Vulnerability in Real Time Projects
- Different Security Tools
- Code Injection
- Cross-Site Scripting (XSS)
- Buffer Overflow
- Broken Authentication

**Day 2 (13/06/2022):**

Following topic are covered on the second day

Topics Covered:

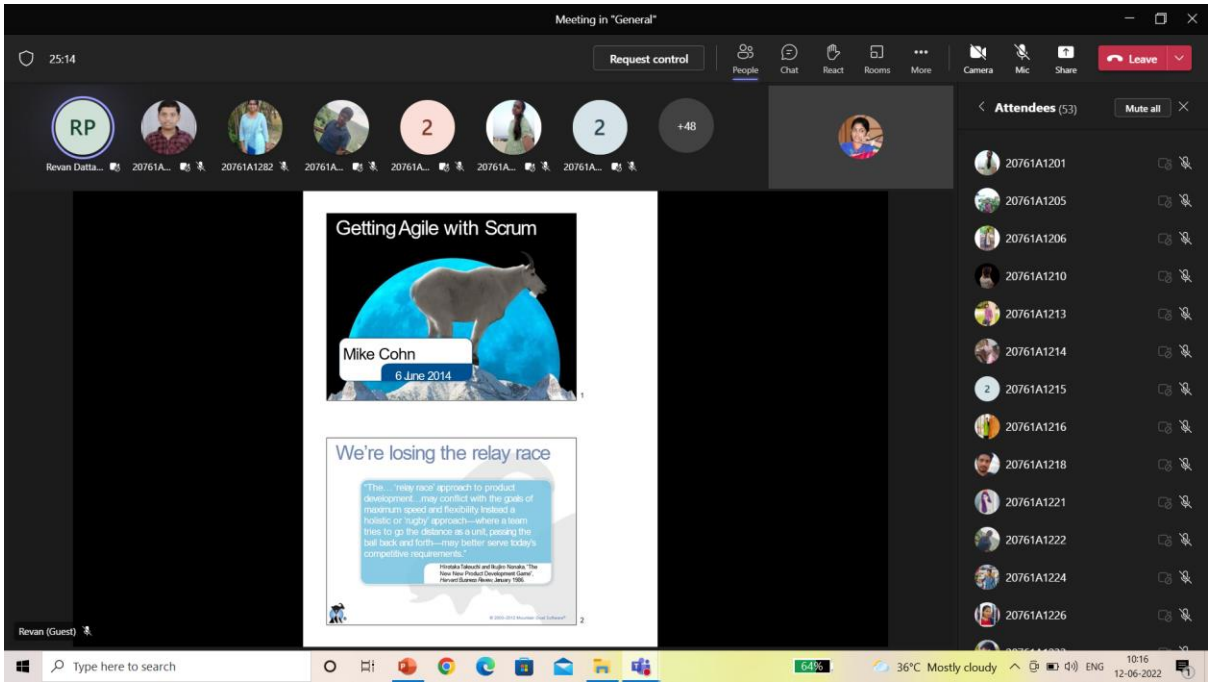
- What is Cloud Computing?
- Datacenter
- Distributed servers
- Service Models
- Deployment of Cloud Service

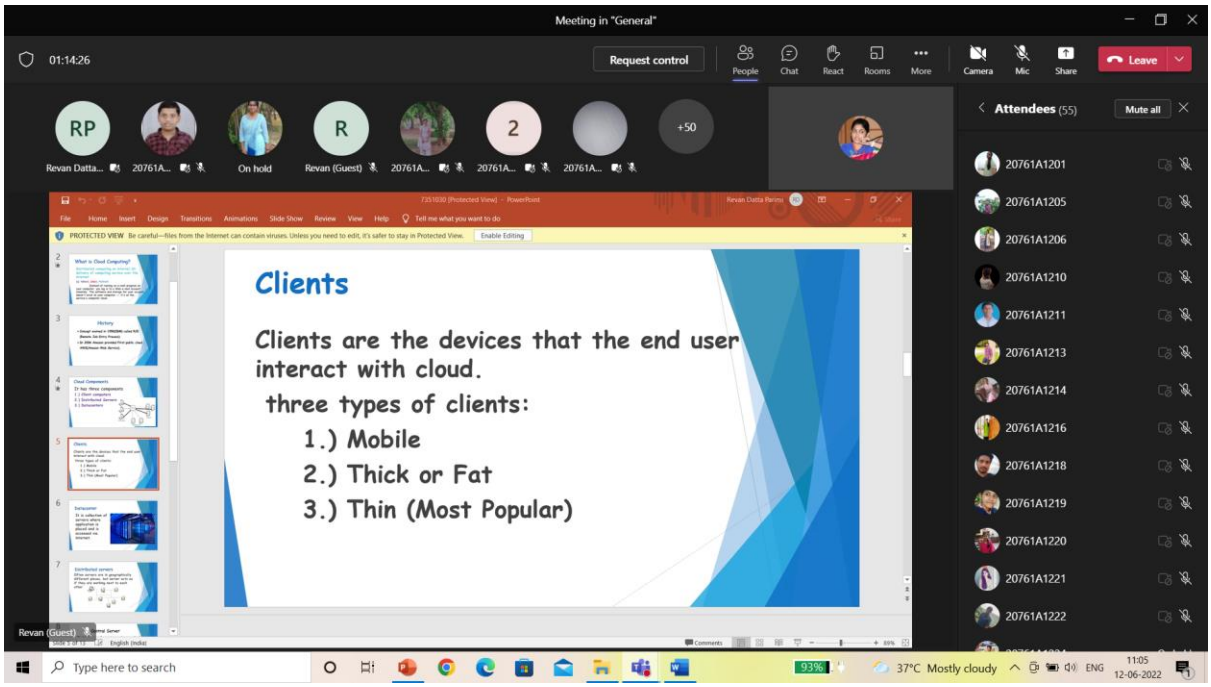
**Day 3 (14/06/2022):**

Topics Covered:

- Agile with Scrum
- Applications of Scrum
- Project noise level
- No changes during a sprint
- The Scrum Master

The third day session ended with the vote of thanks by a III year student and quiz for the students.




Meeting in "General"
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Clients
Clients are the devices that the end user interact with cloud.
three types of clients:
1.) Mobile
2.) Thick or Fat
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37°C Mostly cloudy
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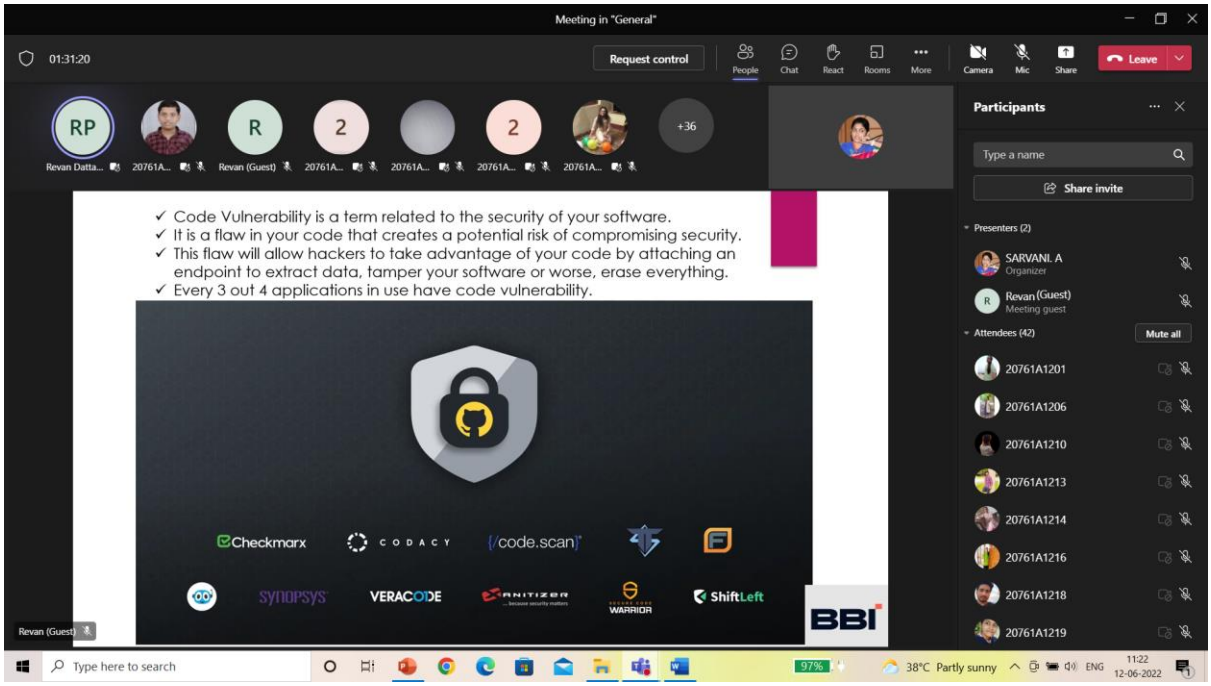
12-06-2022


Meeting in "General"
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Presenters (2)
SARVANI. A
Organizer
Revan (Guest)
Meeting guest
Attendees (42)
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Code Vulnerability is a term related to the security of your software.
It is a flaw in your code that creates a potential risk of compromising security.
This flaw will allow hackers to take advantage of your code by attaching an endpoint to extract data, tamper your software or worse, erase everything.
Every 3 out 4 applications in use have code vulnerability.
Checkmarx
CODACY
{/code.scan}
synopsys
VERACODE
ShiftLeft
BBI
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38°C Partly sunny
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11:22
12-06-2022

# Brochure

## INTRODUCTION

In software development, agile methodology is an approach usually used for the efficient management of project. Through iterative and incremental work cadences, known as sprints, the agile methodology helps teams to respond to the unpredictability of building software. The answer to the drawbacks of traditional methods is the light weight software scheme, the agile methodology, and it aims to accept the changes in business ambiance which is tempestuous in nature and that demands a software to meet its needs quickly. Throughout the lifecycle of development, the agile development methodology tries to give various chances to assess the direction of a project. Most of the knowledgeable people who have realized the various problems associated with the traditional software management process are using agile methodology in the development of softwares. Different kinds of agile methodologies are adopted by many organizations all over the word to get benefitted from them.

This workshop planned by the Information Technology Department for students. In the subsequent events, advanced skills will be dealt. The workshop is planned to impart both theoretical aspects and practical knowledge to the participants.

**Course Contents:**

- Code Vulnerability in Real Time Projects
- Different Security Tools
- Agile with Scrum
- Applications of Scrum
- No changes during a sprint

## ELIGIBILITY

The program is open to all UG & PG students

## ABOUT THE DEPARTMENT

The Department of IT is established in the year 1999 and offers an undergraduate program in Information Technology with intake of 120. 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 departments for the budding engineers, aspiring to be successful IT professionals.

**Department Mission:**

- To inculcate team skills and leadership qualities in the student though 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.

**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.

**Program Specific Outcomes (PSOs):**

Graduate of the Information Technology will have the ability to

- Organize, Analyze and Interpret the data to extract meaningful conclusions.
- Design, Implement and Evaluate a computer-based system to meet desired needs.
- Develop IT application services with the help of different current engineering tools.

**THREE DAY WORKSHOP**
**ON**
**"Cloud Computing and Code Security in Agile Methodology"**
**(12th – 14th June, 2022)**

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Organized by
Department of Information Technology

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**
**Accredited by NAAC & NBA (CSE,IT,ECE,EEE & ME) under Tier-1**
**Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada**
**MYLAVARAM – 521 230**
**KRISHNA (DT), A.P.**
**Ph : 08659 222933 Fax : 08659 222931**
http://www.lbrce.ac.in

## 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. One of the good achievements of the LBRCE is Autonomous status from the academic 2013-14.

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, AI&DS, 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.

**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.


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**ONLINE THREE DAY WORKSHOP**
**ON**
**"Cloud Computing and Code Security in Agile Methodology"**
**(12th – 14th June, 2022)**

***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. Harinadha Reddy, Vice-Principal**

***Organizing Committee***

**All the IT department Staff Members.**

**Convener**
**Dr .B. Srinivasa Rao.**
**Professor & HOD,**
Department of Information Technology
Lakireddy Bali Reddy College of Engineering

**Coordinator**
**A.Sarvani,**
**Assistant Professor,**
Department of Information Technology
Lakireddy Bali Reddy College of Engineering

**Co-Coordinator**
**S.Jyothi, S.Praveen, K.Ravi Teja**
*Assistant Professor,*
Department of Information Technology
Lakireddy Bali Reddy College of Engineering

**Resource Person**
**Mrs. P. Revan Datta**
**Senior Associate, BlackBuck Insights Ind Pvt**

ESTD : 1998

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI, Affiliated to JNTU-K, Accredited by NAAC (A) & ISO 9001:2015 Certified Institution
Mylavaram-521 230, Krishna Dist., A.P. India. Tel: 08659-222933,934, 223936 Fax:222931
Recognized by UGC " College with Potential for Excellence"

## 3 day Workshop on

## Cloud Computing and Code Security in Agile Methodology

by

## *P . Parimi Datta*

Senior Associate, BlackBuck Insights Ind Pvt

12-14 June, 2022

Co-Ordinators,
A.Sarvani,S.Jyoth,
S.Praveen,K.Raviteja

## DEPARTMENT OF INFORMATION TECHNOLOGY