LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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ISO 21001:2018,14001:2015,50001:2018 Certified Institution
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

"Cyber security Essentials Bootcamp"

Event Type : Workshop

Date : 13th August– 14th August 2026

Venue : 1F02.

Resource Person(s) : **Mr. D. Sai Satish**,
Founder & CEO, Indian Servers, President, AIMER Society

Name of the Convener : **Dr. S. Nagarjuna Reddy**, Professor & HoD, Department of CSE

Name of the Co-ordinators(s) : **Mr. T N V S Praveen,** Sr. Asst. Prof, Dept of CSE
Mr. Ch. Srinivasa Rao, Sr. Asst. Prof, Dept of CSE

Name of the Co-Coordinators(s): **Mrs. M. Swathi**, Sr. Asst. Prof, Dept of CSE
Mrs. G. Kavya Pavani, Asst. Prof, Dept of CSE

In Association With : **Code Crackers Club in association with ACM Student Chapter**

Targeted Audience : B. Tech V Sem Honor Students

Total No. of Students : 1 0 0 Students

1. Objective of the Event

The primary objective of the **"Cyber Security Essentials Bootcamp – A Two-Day Hands-on Workshop"** was to provide B. Tech Honors students with practical knowledge and awareness of cybersecurity concepts, ethical hacking, common cyber threats, and modern security practices. The event aimed to bridge the gap between theoretical learning and practical application by exposing students to industry-standard cybersecurity tools and techniques.

2. Learning Objectives of the Event

By the end of the workshop, students were expected to:

- Understand the fundamental concepts and principles of **Cyber Security and Ethical Hacking**.
- Identify common cybersecurity threats, vulnerabilities, and attack techniques.
- Understand basic methods for detecting, preventing, and mitigating cyber attacks.
- Gain hands-on experience with **industry-standard cybersecurity tools and techniques**.
- Develop practical skills in analyzing security threats and implementing appropriate countermeasures.
- Understand the importance of secure computing practices and responsible ethical hacking.

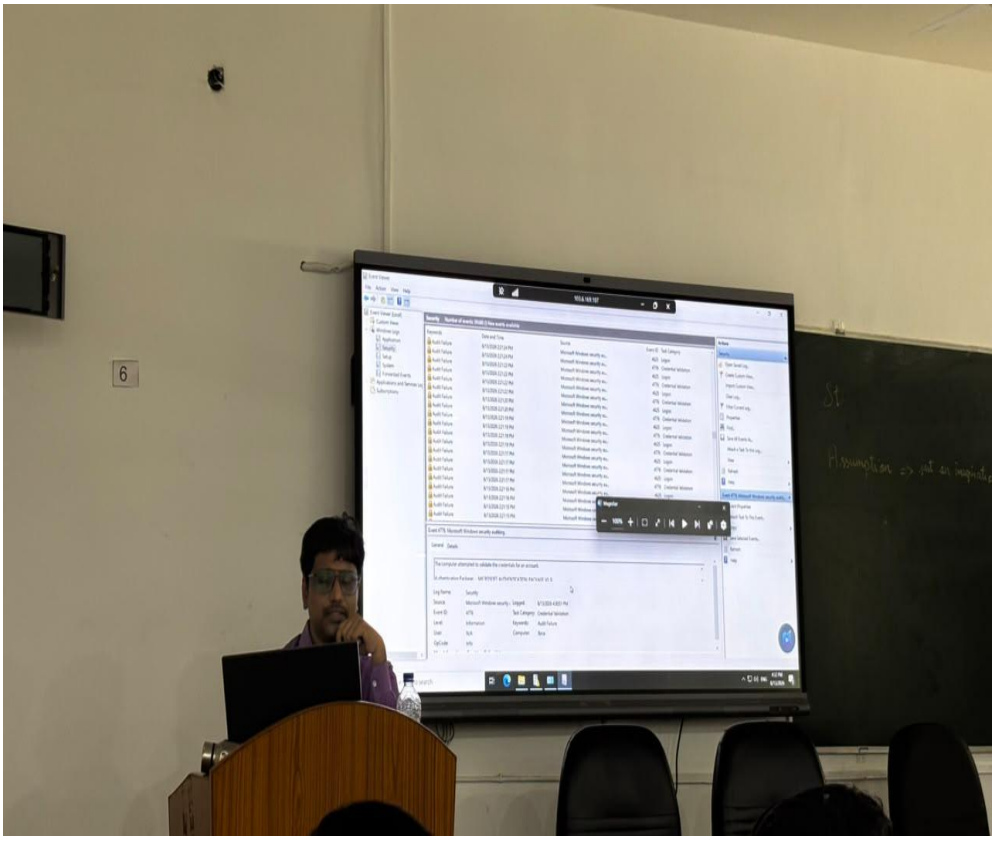
- Enhance their problem-solving and analytical skills in cybersecurity-related scenarios.
- Develop awareness of current trends and challenges in the field of cybersecurity.

Description of the event :

Day 1: 13-08-2026

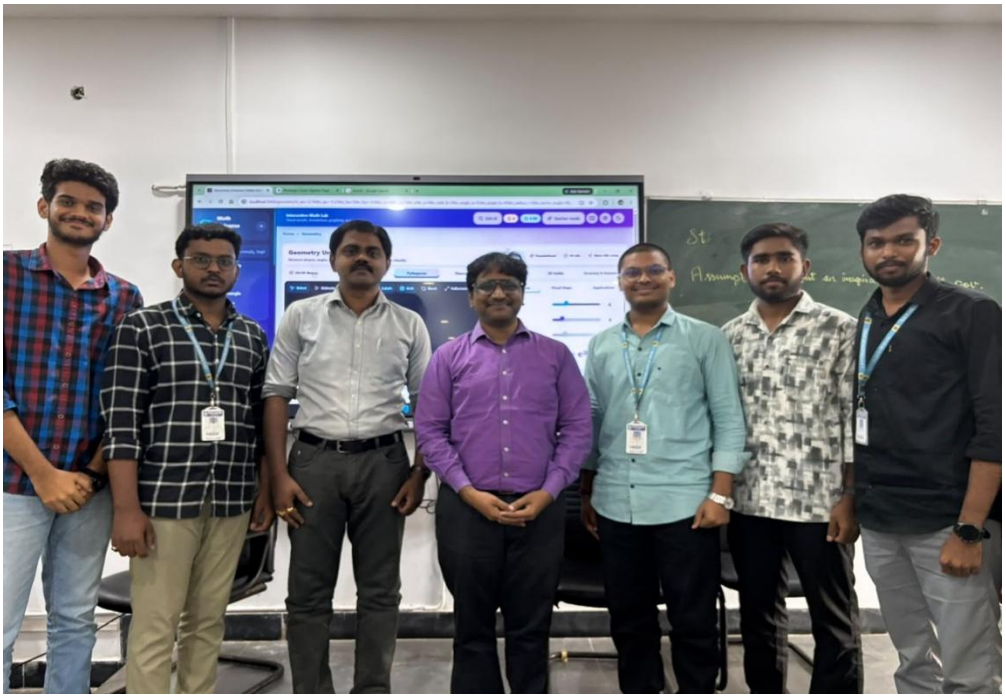
- Workshop was inaugurated on 13/08/2026 by Dr S.Nagarjuna Reddy, HOD – CSE, Convener(s) of the workshop, along with Dr. M. Srinivasa Rao, Dean of Academics & Dr.D.Sai Satish Resource Person, Indian Servers, Vijayawada.
- Coordinators of the Workshop, **Mr.T.N.V.S Praveen**,and **Mr.Ch. Srinivasa Rao** welcomed all the dignitaries and delegates. In his welcome speech, he highlighted the importance and objectives of organizing this Workshop. The convener of the Workshop, **Dr. S. Nagarjuna Reddy** started the speech by thanking LBRCE Management and congratulating all the participants who registered for this workshop. Then they thanked the Resource Person **Dr D. Sai Satish** for accepting our request irrespective of his busy schedule. They added the importance of Cyber Security. They encouraged all the students to utilize this opportunity, which will help them in identifying/doing projects in Cyber Security.
- Resource Person **Dr. D. Sai Satish** started this workshop and explained overview of Cyber Security applications and its importance in day-to-day life.
- Resource Person explained the importance of secure computing practices and responsible ethical hacking.

LAKIREDDY BALI REDDY
COLLEGE OF ENGINEERING
CYBER SECURITY
ESSENTIALS BOOTCAMP
CODE CRACKERS CLUB
GPS Map Camera
Mylavaram, Andhra Pradesh, India
Pjxm+cp7, Mylavaram, Andhra Pradesh 521230, India
Lat 16.748488° Long 80.63483°
Thursday, 13/08/2026 09:42 AM GMT +05:30
Google



Day2: 14-08-2026

- Explore practical ethical hacking techniques through guided demonstrations and real-world cybersecurity scenarios.
- Perform network reconnaissance and vulnerability assessment to understand how attackers identify and exploit security weaknesses.
- Analyse network traffic using industry-standard security tools and learn to detect suspicious activities and potential threats.
- Understand common web application vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), and insecure authentication.
- Gain hands-on experience with cybersecurity tools and techniques used for identifying, analysing, and mitigating security threats.
- Participate in a Capture the Flag (CTF) challenge designed to test problem-solving skills and practical cybersecurity knowledge.
- Learn the fundamentals of incident detection and response and understand how organizations defend against cyber-attacks.
- Apply defensive security practices to strengthen systems, protect sensitive information, and minimize potential cyber risks.



Impact Analysis:

- Enhanced students' understanding of cybersecurity concepts beyond classroom-based theoretical knowledge.
- Provided hands-on exposure to security tools, threat identification, vulnerability analysis, and ethical hacking techniques.
- Helped students understand real-world cybersecurity challenges and practical security practices.
- Interaction with Dr. Sai Satish, Founder & CEO, Indian Servers and President, AIMER Society, provided valuable industry-oriented insights and practical perspectives.
- Increased students' awareness of the importance of cybersecurity in personal, academic, organizational, and professional environments.
- Improved students' technical confidence and practical cybersecurity skills through interactive sessions and hands-on activities.
- Developed students' analytical thinking, problem-solving abilities, and interest in cybersecurity.
- Encouraged students to explore advanced learning opportunities and career prospects in the cybersecurity domain.
- Overall, the workshop helped students become more aware, skilled, and prepared to face emerging cybersecurity challenges**.**

Feedback & Suggestions:

- Students expressed positive feedback regarding the practical and interactive nature of the workshop.
- The hands-on sessions helped students understand cybersecurity concepts more effectively and relate theoretical knowledge to real-world applications.
- Students suggested conducting more practical sessions, live demonstrations, and hands-on activities in future workshops.
- Participants recommended including advanced cybersecurity tools, ethical hacking techniques, and real-world case studies in upcoming sessions.
- Students showed interest in participating in Capture the Flag (CTF) challenges and cybersecurity competitions to improve their practical skills.
- It was suggested to organize similar workshops regularly to keep students updated with emerging cybersecurity technologies and threats.
- Participants expressed interest in industry-oriented training, certifications, internships, and career guidance in the cybersecurity domain.
- Overall, the workshop received encouraging feedback from the students, with participants appreciating the valuable insights and practical exposure provided.

Suggestions:

- Conduct more hands-on cybersecurity workshops to strengthen students' practical knowledge and technical skills.
- Include advanced ethical hacking, penetration testing, and vulnerability assessment techniques in future sessions.
- Organize regular CTF challenges, cybersecurity competitions, and practical lab activities to improve students' problem-solving abilities.
- Provide exposure to industry-standard cybersecurity tools and real-world case studies.
- Encourage students to pursue cybersecurity certifications, internships, and industry-based training programs.
- Invite more industry experts and cybersecurity professionals to share practical knowledge and career guidance.
- Conduct follow-up sessions on emerging cybersecurity threats, technologies, and security trends.
- Establish cybersecurity clubs and awareness programs to encourage continuous learning and participation among students.

OUTCOME OF THE EVENT:

- Enhanced students' awareness and understanding of cybersecurity concepts and their importance in today's digital environment.
- Provided students with practical exposure to cybersecurity tools, ethical hacking techniques, vulnerability identification, and threat analysis.
- Improved students' ability to identify common cybersecurity threats and understand basic preventive and defensive measures.
- Developed students' technical skills, analytical thinking, problem-solving abilities, and confid**ence** through hands-on activities.
- Helped students connect theoretical classroom knowledge with real-world cybersecurity applications and industry practices.
- Provided valuable industry-oriented knowledge and career insights through interaction with the resource person.
- Motivated students to explore cybersecurity certifications, internships, advanced training, and career opportunities.
- Overall, the event successfully contributed to building cybersecurity awareness, practical skills, and professional readiness among the participating students.

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శిక్షణ కార్యక్రమం

ప్రసంగిస్తున్న సాయిసతీష్

మైలవరం(జ.కొండూరు). న్యూస్‌టుడే : స్థానిక లకిరెడ్డి బాలిరెడ్డి ఇంజినీరింగ్ కళాశాలలో బీటెక్ ఆనర్స్ విద్యార్థులకు రెండు రోజుల పాటు నిర్వహించే శిక్షణ కార్యక్రమం గురువారం ప్రారంభించినట్లు ప్రిన్సిపల్ కె.అప్పారావు తెలిపారు. కళాశాలలో కంప్యూటర్ సైన్స్ విభాగం, ఏసీఎం స్టూడెంట్ చాప్టర్, కోడ్ క్రాకర్స్ క్లబ్ ఆధ్వర్యంలో సైబర్ సెక్యూరిటీ ఎసెన్షియల్ బూట్ క్యాంప్‌పై శిక్షణ ఇస్తున్నట్లు చెప్పారు. దీనికి రిసోర్స్‌పర్సన్‌గా ఏపీఎంఈఆర్ సొసైటీ ఫౌండర్ అండ్ సీఈవో డి.సాయిసతీష్ హాజరై పలు అంశాలపై శిక్షణ ఇచ్చారు. కార్యక్రమంలో నాగార్జునరెడ్డి, శ్రీనివాసరావు, అధ్యాపకులు పాల్గొన్నారు.

Date : 14/08/2026 EditionName : ANDHRA PRADESH
(AMARAVATI NTR) PageNo :

Convener