

LAKIREDDY BALI REDDY
COLLEGE OF ENGINEERING
(AUTONOMOUS)

Mylavaram, Andhra Pradesh

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DIGITAL UDAAN
INTRODUCTION TO COMPUTERS

A Beginner-Friendly Guide to Computer Fundamentals

For School Students • Learn → Try → Understand

A formal reference record of the Digital Udaan computer awareness program conducted on 19 September 2026, documenting the learning content, program details, coordination and photographs.

Organized by

Department of Computer Science and Engineering
Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram

1. ABOUT THE PROGRAM

Digital Udaan – A Computer Awareness Program was organized by the Department of Computer Science and Engineering, Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram, on **19 September 2026** from **01:00 PM to 04:00 PM** at the **Database Innovation Lab**. The session, titled Introduction to Computers, was conducted for 9th, 10th and Intermediate school students and was attended by **75 students**.

The session followed a beginner-friendly Learn → Try → Understand approach. Students were introduced to the fundamentals of computers through demonstrations, classroom activities and an interactive quiz. The session concluded with a recap and felicitation of the best-performing students.

Objectives of the Program

- Introduce school students to the basic concepts and vocabulary of computers.
- Build confidence in using everyday digital devices such as laptops, smartphones and ATMs.
- Provide hands-on exposure to a computer lab environment and interactive tools.
- Encourage interest in coding, emerging technologies and computer science as a career path.
- Promote safe and responsible use of the internet among young learners.

Program Details

Particular	Description
Program Name	Digital Udaan – A Computer Awareness Program
Session	Introduction to Computers
Date & Time	19 September 2026 (Saturday), 01:00 PM – 04:00 PM
Venue	Database Innovation Lab
Organized By	Department of Computer Science and Engineering
Target Audience	9th, 10th & Intermediate Students
Students Attended	75

Topics Covered

- Introduction to computers and everyday devices
- Types of computers and basic computer system
- CPU, RAM, ROM and memory units
- Binary – the digits 0 and 1
- Components inside a computer
- Coding and programming
- Artificial Intelligence
- The future of computing
- Input, Process, Output and Storage
- Input, output and storage devices
- Hardware and software
- Keyboard, mouse and shortcut keys
- Operating systems and basic operations
- Internet and networking
- Cybersecurity and safe online practice
- Interactive quiz, recap and felicitation

2. COORDINATION & ADDITIONAL DETAILS

Coordination Team

Role	Name / Details
Convener	Dr. S. Nagarjuna Reddy, Professor & Head, Department of CSE
Faculty Coordinator	Mr. N. Srinivasa Rao, Sr. Assistant Professor, CSE
Faculty Coordinator	Mr. S. Srinivasa Reddy, Sr. Assistant Professor, CSE
Student Coordinator	Miriyala Harshadu Sri Krishna, III Year, CSE
Student Coordinator	Ambati Jignan, III Year, CSE

Session Highlights

- A classroom activity modeled the Input → CPU → Memory → Output flow of a computer using student volunteers.
- A light-switch activity helped students visualize binary states (0 and 1).
- An interactive quiz tested students on the concepts covered, with live scoring displayed on screen.
- Best-performing students were felicitated at the end of the session.

Resources Used

- Digital Udaan presentation material – Introduction to Computers and Computer Fundamentals
- Computer lab workstations and a projector for demonstrations
- An online quiz platform for live, scored assessment
- Printed program poster and participant name badges

Outcome

Students left the session with a clear, practical understanding of how computers work, greater confidence using common devices, and awareness of safe online practices — supporting the program's goal of building early digital literacy among school students.

Institutional Support

The program was made possible with the support of the Institution's Innovation Council (an initiative of the Ministry of Education) and the Department of Computer Science and Engineering, which provided the venue, equipment and technical resources for the session.

Acknowledgements

The Department of Computer Science and Engineering thanks the accompanying school teachers, the participating students of APSWRs JR College, Kuntamukkala, and all faculty and student volunteers whose efforts made Digital Udaan a successful and enriching experience.

ANNEXURE B: EVENT POSTER AND PHOTOGRAPHS

B.1 Program Poster



Official poster of Digital Udaan – A Computer Awareness Program

B.2 Group Photograph



Group photograph of participating students with faculty members

B.3 Session Photographs



Students in the computer lab as the session begins



Faculty addressing students during the session



Students participating during the interactive session



Students at their workstations during the session

B.4 Felicitation



Felicitation of participating students

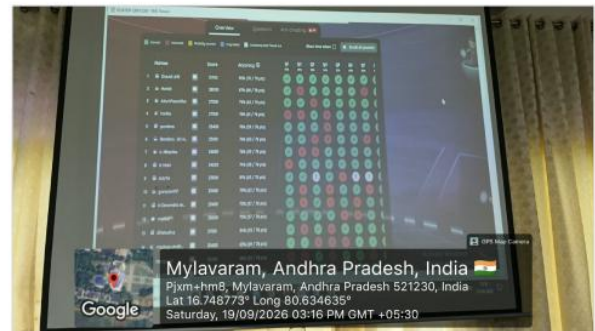


Felicitation of a participating student

B.5 Additional Photographs



Participating school students with faculty members at the college campus



Quiz results displayed on screen during the interactive session



Felicitations of a participating student