ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Recognized by Govt of AP, Affiliated to JNTUK, Kakinada)
An ISO 9001 : 2008 Certified Institution
Govt Polytechnic Post, ITI Road, ALC Campus, Near Ramesh Hospital, Vijayawada-8
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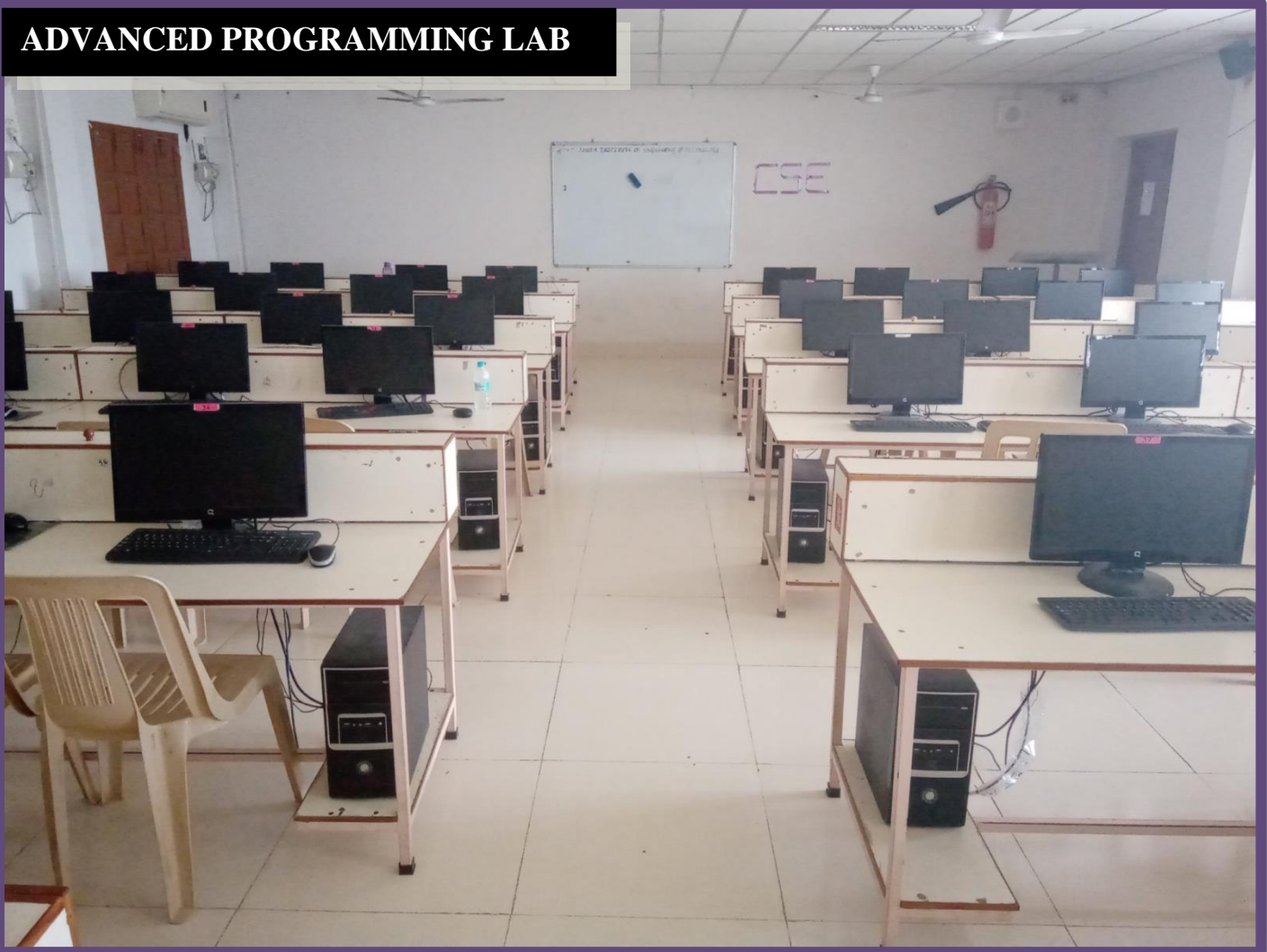
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CSE LABORATORIES

SNO	Name of the Computer Lab	View Laboratory
1	**ADVANCED PROGRAMMING LAB**	**View Laboratory**
2	**OPERATING SYSTEM AND SOFTWARE ENGINEERING LAB**	**View Laboratory**
3	**DATA STRUCUTRES AND DATABASE LAB**	**View Laboratory**
4	**COMPUTER PROGRAMMING and IT WORKSHOP LAB**	**View Laboratory**
5	**TRAINING AND PLACEMENT LAB**	**View Laboratory**
6.	**SKILL EXCELLENCE CENTRE**	**View Laboratory**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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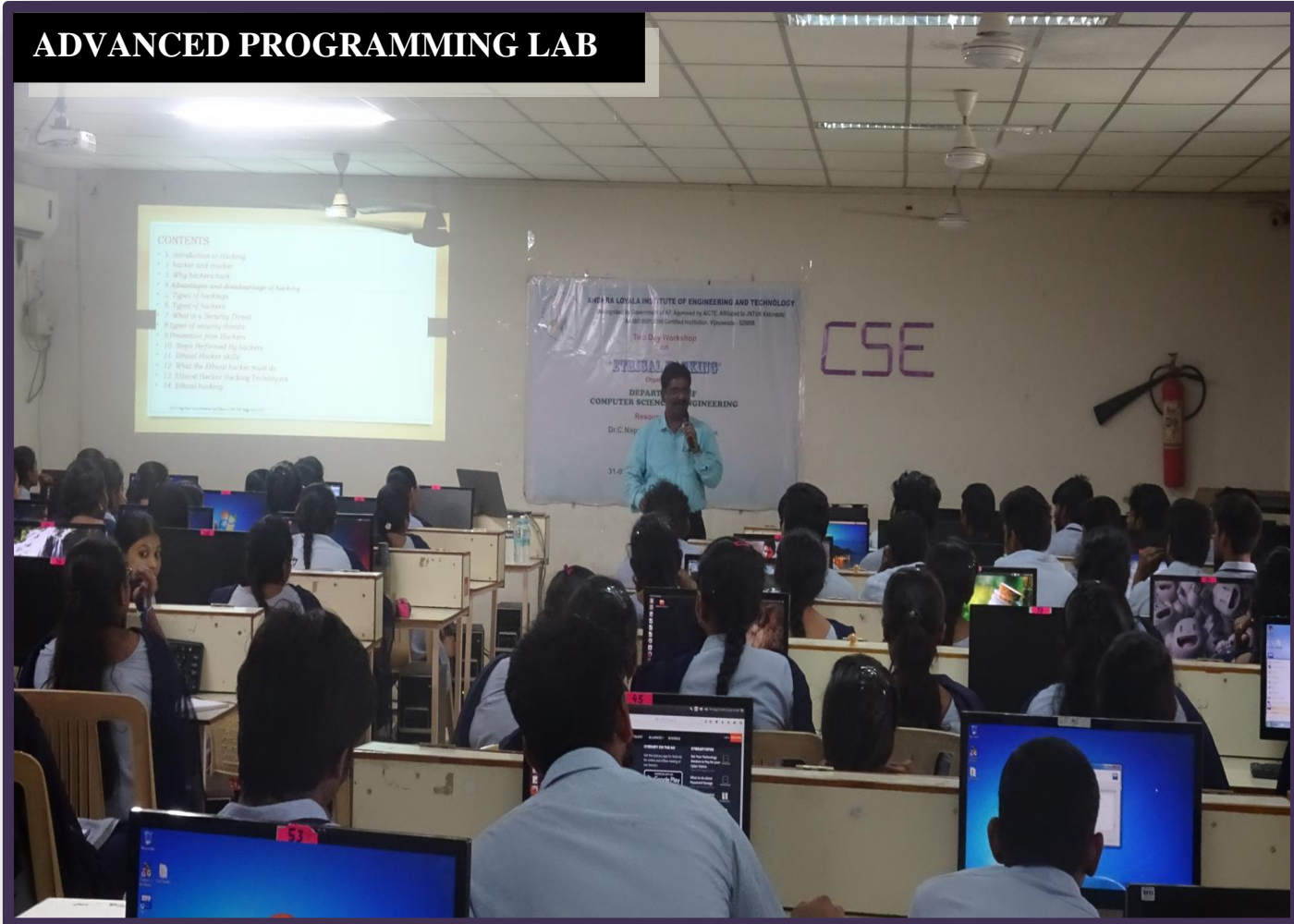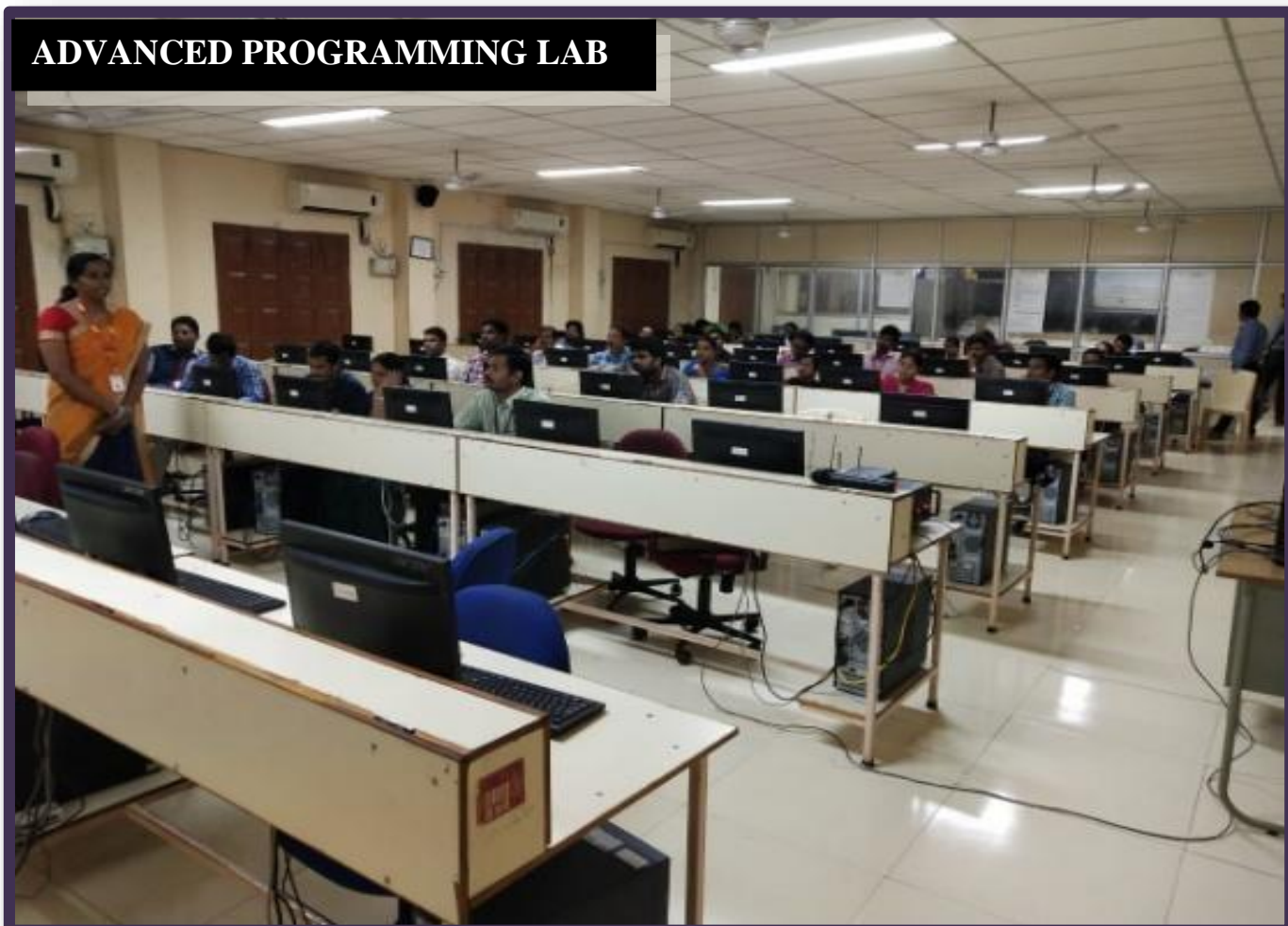

ADVANCED PROGRAMMING LAB

<u>ADVANCED PROGRAMMING LAB</u>

ADVANCED PROGRAMMING LAB is used to introduce and to train the students to some advanced concepts of computer programming such as **"Hadoop and Bigdata", "R-Programming", "Mobile Application Development", "Python Programming", "Advanced data Structures"** etc.This lab is also used to train CSE students on different certification courses like **"Virtualization using VSphere ", "Java Fundamentals", "Oracle Database Design and PL/SQL "**.

ADVANCED PROGRAMMING LAB

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COMPUTER PROGRAMMING and IT WORKSHOP LAB

COMPUTER PROGRAMMING LAB

The **COMPUTER PROGRAMMING LAB** is used to introduce students to the field of programming using C **language**. The students will be able to enhance their analyzing and problem solving skills and use the same for writing programs in C.

COMPUTER PROGRAMMING and IT WORKSHOP LAB

IT WORKSHOP LAB

The IT WORKSHOP LAB is used to impart basic computer usage and maintenance skills and to introduce you to a suite of productivity tools that will aid in your day to day activities.

In this lab we concentrate more on hands-on experience for the students rather theoretical classes. It enables the participant to make the best use of Microsoft Office Suite in their day-to-day requirements. The IT Workshop lab prepares the student to have a hands-on experience in maintaining and troubleshooting a PC by themselves

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DATA STRUCUTRES AND DATABASE LAB

DATA STRUCUTRES AND DATABASE LAB

    DATA STRUCUTRES AND DATABASE LAB is used to practice data structure & algorithm methods that impact the performance of program and to solve problems based upon different data structures .This lab is also used to train students on Database management tools such Oracle, MYSQL, etc. and certification course like **"Oracle Database Design and PL/SQL "**.

DATA STRUCUTRES AND DATABASE LAB

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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OPERATING SYSTEM AND SOFTWARE ENGINEERING LAB

OPERATING SYSTEM AND SOFTWARE ENGINEERING LAB

OPERATING SYSTEM AND SOFTWARE ENGINEERING LAB is used to introduce and to train the students on operating system concepts such as **Linux Programming**, **Network Programming** .The OS & SE Lab is also used to train students on Software Engineering concepts like **Software Testing, Unified Modeling Language and Design Patterns** etc. This lab is also used to train CSE students on different certification courses like **"Virtualization using VSphere ", "Java Fundamentals", "Oracle Database Design and PL/SQL "**.

OPERATING SYSTEM AND SOFTWARE ENGINEERING LAB

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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TRAINING AND PLACEMENT LAB

TRAINING AND PLACEMENT LAB

TRAINING AND PLACEMENT LAB is used to provide employment opportunities and professional training to the computer science students. We use this lab to prepare students to face campus interviews by arranging training in Aptitude tests, Coding, Mock Tests, Group discussions, preparing for Technical and HR interviews through professional trainers both from Internal and external faculties.

TRAINING AND PLACEMENT LAB

TRAINING AND PLACEMENT LAB

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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<u>SKILL EXCELLENCE CENTRE</u>

SKILL EXCELLENCE CENTRE is used to impart vocational education and skill development training for students. The main objective of this lab is to promote, establish, setup, monitor, govern and regulate institutions and academies for skills excellence for development of core employability skills, competency standards and for promoting technology that meets the demands of various industries globally.

SKILL EXCELLENCE CENTRE

SKILL EXCELLENCE CENTRE