

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, TIRUPATI (AUTONOMUS).

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2017-2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ABSTRACT "E-LEARNING "

BY

K.VINEETHA	17AK1A05D7
N.VASAVI	17AK1A05C9
P.SIREESHA	17AK1A05A3
T.SANJANAPRIYA	17AK1A0598

Under the Guidance of

Ms.D.Dhanya
(Asst.Professor)

Signature of
Project guide

Signature of
Coordinator

Signature of
H.O.D

E-LEARNING

ABSTRACT:

Learning is a core activity that must be mastered by students. Research has shown that E-learning is considered more effective compared to other learning processes. Education can be obtained in many different ways, from the traditional system to the E- learning method to a hybrid of them both.

Many a times, the older learning processes follow a strict process that includes teaching in class and then giving assignments to work on afterwards regardless of the level of understanding of students. E-learning is considered more effective as it provides the same thing, however, with the option of learning at the pace of the student.

AIM AND OBJECTIVES:

- The aim of the project is to make the use of sophisticated computer technologies to aid the studying of students in the university by the creation of a tutorial application.
- Conduct a review on existing E-learning platforms.
- Develop an E-learning platform that will allow the upload of PowerPoint slides and PDF material.
- Offer assistance to students in need of extra help outside of on-site classes via a meeting place on the application for both students and tutors.

SCOPE AND SIGNIFICANCE:

- This E-learning platform is aimed at students who struggle with grasping the concept of basic programming languages and have little to no knowledge of programming languages.
- It is not limited to just them however and students outside of the department with interest in learning are also given such opportunity.
- A cut down of cost of learning materials.
- A wider expanse of knowledge for students.
- Helping teachers do their work better.
- Others include gauging the type of information a student gets on a particular topic to avoid consumption of wrong information etc.

SYSTEM REQUIREMENTS:

RAM	:	3 GB (minimum), 8 GB (recommended).
Hard disk	:	2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator
System image.		
Processor	:	Intel i3 5 th gen (minimum), i5 (recommended)

SOFTWARE REQUIREMENTS:

Operating System	:	Windows 8 and above
Front end language	:	XML
Back end language	:	Java, SQL
Tools Used	:	Android studio