



# S.A.ENGINEERING COLLEGE

Autonomous Institution Affiliated to Anna University, Chennai  
Accredited by NBA, NAAC 'A' Grade & ISO 9001:2015 Certified Institution

## DEPARTMENT OF INFORMATION TECHNOLOGY

### VIRTUAL LABS

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**Virtual Labs** An Initiative of **Ministry of Education**  
Under the National Mission on Education through ICT

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### Computer Science & Engineering

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<b>Artificial Neural Networks Lab</b> Reference Books ▾ Syllabus Mapping ▾	IIT HYDERABAD
<b>Computational Linguistics Lab</b> Reference Books ▾ Syllabus Mapping ▾	IIT HYDERABAD
<b>Computer Architecture &amp; Organization Lab</b> Reference Books ▾ Syllabus Mapping ▾	IIT KHARAGPUR

#### Announcements

for more details.

\* Please click here to see the tutorial for using the **Flash-based Labs** through **Virtual Box**.

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## Computer Science and Engineering

### Introduction

### Objective

### List of experiments


### Target Audience

### Course Alignment

### Feedback

# Cryptography

Welcome to the Cryptography lab. In this lab, we will do virtual experiments to understand the basic mathematical foundations of cryptography, to gain insightful experience by working with fundamental cryptographic applications and to train in the art of design and analysis of information security protocols.



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## Computer programming

1. Numerical Approximation
2. Functions
3. Advanced Control Flow
4. Arrays
5. Structures
6. Basic Control Flow
7. Pointers
8. Recursion
9. Expression Evaluation



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## Creative Design, Prototyping & Experiential Lab

1. Serial Position Effect
2. Weber's Law
3. Fitts Law
4. Hick Hyman's Law
5. GOMS Model
6. Consistency and Inconsistency in Interaction
7. Prototyping of TV Remote Control Panel