

# KRISHNASAMY

College of  
**ENGINEERING & TECHNOLOGY**

Approved by AICTE & Affiliated to Anna University  
Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.  
☎ (04142) 285 601 - 604    🌐 www.kcet.in    ✉ info@kcet.in

## DEPARTMENT OF SCIENCE AND HUMANITIES

15.11.2022

### CIRCULAR

Ref.: KCET/S&H/VAC/CIRCULAR/2022-23/01.

The following Value Added Course will be conducted during the academic year 2022-2023. The course will be conducted from 23.11.2022 to 28.11.2022. Students are instructed to register their names in the course allotted to them.

**Note: Students are instructed to attend the program without fail.**

S.No.	Course Code	Name of the Course	Year	No. of Period	Course Coordinator
1	S&H - VAC2201	HARDWARE BASICS	I	30	Mrs. M. UMALAKSHMI AP/ S&H

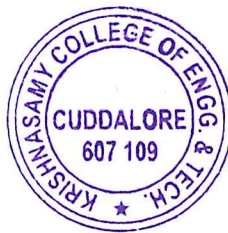
*B. Anipm*  
15/11/22  
HOD/S&H

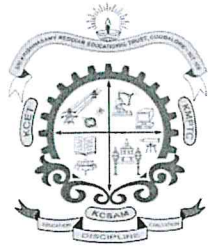
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## **SYLLABUS**

**Subject Code/ Subject Name: S&H-VAC2201-HARDWARE BASICS**

**Duration:** 30 Hours

**About the Course:**

Computer hardware includes the physical parts of a computer, such as the case central processing unit (CPU), monitor, mouse, keyboard, computer data storage, graphics card, sound card, speakers and motherboard.

**COURSE OBJECTIVES:**

Course material and assignments provide opportunities to:

Understand the fundamentals of Hardware

Understand the operations of basic PC hardware

**Module -I**

**6**

Introduction to computer hardware, components of mother boards & its types-ports, slots, connectors, add-on cards.

**Module-II**

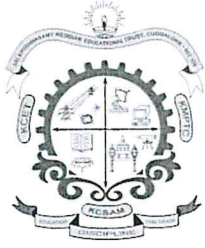
**6**

Power supply units, cabinet types, Storage devices, Primary & secondary storage medium

**Module -III**

**6**

Magnetic disc, RAM, ROM, PROM, EPROM, Floppy, CD Rom, CDRW, DVD, Virtual memory, Cache memory, Linear & Physical memory, video memory.



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## Module -IV

6

Input device- keyboard, mouse, types of mouse, joy stick, how input is taken in & given out, gaming device.

## Module -V

6

Output device -monitor – different types of monitors printers & its types, projectors

**TOTAL: 30 PERIODS**

### COURSE OUTCOMES:

Students are able to know the knowledge after completion of the course:

1. To understand the fundamentals of Hardware
2. To understand the operations of basic PC hardware

*B. S. Anjane*  
HOD/S&H

