



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

28.10.2021

CIRCULAR

Ref.: KCET/S & H/VAC/CIRCULAR/2021-22/01.

The following Value Added Course will be conducted during the academic year 2021-2022. The course will be conducted from 05.11.2021 to 11.11.2021. 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 - VAC2101	BASICS OF COMPUTING	I	30	Mr. V.GUNASEELAN AP/ S&H


HOD/S&H

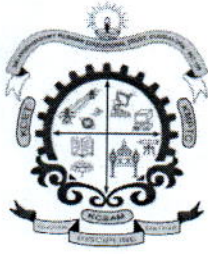
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SYLLABUS

Subject Code/ Subject Name: SH-VAC2101- BASICS OF COMPUTING

Duration: 30 Hours

About the Course:

Today's world is an information – rich world and it has become a necessity for everyone to know about computers. Computers fundamentals is also very useful for undergraduate students of computer science, engineering, business administration, management, science, commerce and arts, where an introductory course on computers is a part of curriculum.

COURSE OBJECTIVE:

Upon completion of the course, the students will be able to:

- Bridge the fundamentals concepts of computers with the present level of knowledge of the students.
- Use standard word, and spreadsheets, graphics generation packages.
- Demonstrate the building up of Sequential and combination logic from basic gates.
- Explain the representation of data and information in computer systems.

COURSE CONTENT

MODULE I

6

Introduction to computer systems, clarification of computers, Computer hardware: computer organization, CPU Structure and functions, Input / Output device, storage device. Computer memory, Computer software: operating system and utility programs, application software.



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MODULE II

Data representation, computer arithmetic and number system. Computer network and communication: data communications, network topology, network software, communication applications. 6

MODULE III

Information system development: information System: components, types and uses, system development lifecycle. 6

MODULE IV

Document Creation in MS – WORD. Table Creation in MS word, MS – Power point, MS Excel, and its uses. 6

MODULE V

Graphs and Charts, Internet and the World Wide Web: history of the internet, internet service providers, Browser, World Wide Web. 6

TOTAL: 30 PERIODS

COURSE OUTCOME

At the end of the course the student will be able to

- a. To bridge the fundamentals concepts of computers with the present level of knowledge of the students.
- b. To explain the representation of data and information in computer systems

B. Anujam
HOD/S&H