



KRISHNASAMY COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University

Anand Nagar, Nellikuppam Main Road, Kumarapuram, Cuddalore – 607 109.

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info@kcet.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Academic Year 2019 -2020)

02.12.2019

CIRCULAR

It is planned to conduct a value added course for III & IV year Computer Science & Engineering students on the subject given below. Each module is scheduled from 13.12.2019 to 19.12.2019. The course plan, test procedure, attendance are followed as per regulation 2013. It is highly advised that the students should attend all the sessions and get benefited of the course.

The syllabus for the same has been formulated and will be circulated to students. The eminent staff from our department is invited to give lectures on topics from syllabus.

S.No	Year	Code/Name of the subject	Duration in Hours	Subject Incharge
1	IV	CS-VAC1901- Loader and Linker	30	Er.S.Ramesh AP/CSE
2	III	CS-VAC1902 – Visual Programming	30	Er.R.Shenbagavalli AP/CSE

C. R. Ramesh
4/12/19
HOD

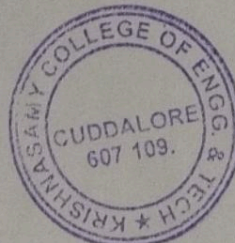
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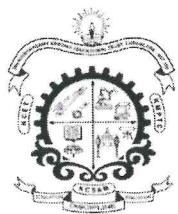
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Class Room

Class In charge





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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Academic Year 2019-2020)

SYLLABUS

Subject Code/ Subject Name: CS-VAC1902- Visual Programming

Duration: 30 Hours

OBJECTIVES:

- To understand the basics of Window programming
- To understand the data types
- To understand the event procedures and tool bars
- To learn the database connectivity with other application

MODULE I INTRODUCTION

7

Introduction to Windows Programming – Event Driven Programming – Data Types – Resources – Window Message – Device Context – Document Interfaces – Dynamic Linking Libraries – Software Development Kit (SDK) Tools – Context Help.

MODULE II VISUAL BASICS

8

Visual Basic Programming – Form Design – VBX Controls – Properties – Event Procedures – Menus and Toolbars – Using Dialog Boxes – Working with Control Arrays – Active X Controls – Multiple Documents Interface (MDI) – File System Controls – Data Control – Database Applications.

MODULE III DATABASE CONNECTIVITY

8

Database Connectivity – Mini Database Applications – Embedding Controls in View – Creating user defined DLL's – Dialog Based Applications – Dynamic Data Transfer Functions – Database Management with ODBC – Communicating with other applications – Object Linking and Embedding.

MODULE V GUI DESIGN

7

Basics of GUI Design – Visual Interface Design – File System – Storage and Retrieval System – Simultaneous Multi Platform Development

TOTAL: 30 Periods

COURSE OUTCOMES:

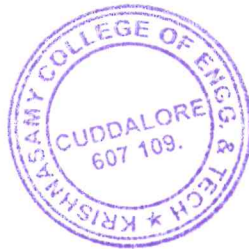
- Understand the fundamentals of tools and event driven procedure.
- Learn the advanced window interface
- Able to apply the ODBC for real time applications
- Understand the COM fundamentals.

TEXT BOOKS

1. Petzold, “Windows Programming”, Microsoft Press, 1995.
2. Marion Cottingham, “Visual Basic”, Peachpit Press, 1999.
3. Kate Gregory, “Using Visual C++”, Prentice Hall of India Pvt. Ltd. 199.

REFERENCES

1. Pappas and Murray, “Visual C++ : The Complete Reference”, Tata McGraw Hill, 2000.
2. Brian Siler and Jeff Spotts, “Using Visual Basic 6”, Prentice Hall India, 2002.



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