



2017-2020
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
(W.e.f. 2016-17 Admitted Batches)

I Semester

CERTIFICATE COURSE SYLLABUS

Paper Title: Operating System & Diagnostics Tools

(for I B.A / I B.Com. / I B.Sc. Programs with Computer subject as Core subject)

Unit-I: Operating System Basics & Installation

Introduction to OS, Types of Operating systems, System files FAT and NTFS, Dos 6.22, Windows XP, Windows Vista, Windows 7 and Windows 8 and Multi Boot Operating System.

Unit-II: Various types of Software Installation

MS-Office2003, Office 2007, Photoshop 7 and CS5, PageMaker 6.5, Corel-Draw X3, Auto-CAD, Tally 7.0 and ERP, Acrobat Reader X, Java, Visual Studio, C & C++, Multimedia Software's, and Internet Browsers like- IE9, Google Chrome, and Mozilla Firefox etc.

Unit-III: Device Installation

Graphics Card, Sound Card, LAN Card, Wireless LAN Card, SCSI Card, External Drive, Flash Cards, Web Camera, CCTV Camera, Mobile Devices, Pen Drive, Firewire Cards, Modem, Plotter, Wireless LAN, Access Point etc.

Unit-IV: Diagnostic Tools & PC Maintenance

Introduction, Virus and its types, Effect of Virus for Computer System, Scanning and Antivirus Remover tools, Antivirus Utilities for Diagnostic, Safety and Preventive Maintenance Tools, Data Recovery, Concept of Fax and E-mail, PC care and Maintenance.

Unit-V: Basic Network Introduction & Installation.

Overview of Networking, Introduction to networks and networking, LAN, VLAN, CAN, MAN, WAN, Internet and Intranet etc. Uses and benefits of Network, Server-client based network, peer to peer networks. Internet Connection, E-Mail, Cloud Networking, Google Drive, SkyDrive, Dropbox etc.

REFERENCE BOOK:

- (1) Windows 98 BPB Publication
- (2) Windows XP Professional edition complete BPB Publication
- (3) Office XP complete BPB publication
- (4) Networking Complete BPB Publication

GUIDELINES TO THE PAPER SETTER
BLUE PRINT

Unit No.	Essay Questions	Short Answer Questions
I.	2 EQ'S	NIL
II.	NIL	3 SAQ'S
III.	NIL	3 SAQ'S
IV.	2 EQ'S	NIL
V.	1 EQ	2 SAQ'S

APPROVED

APPROVED

B. Chinn
01/07/2017

K. R. Rajeswari
11/7/17

Ravi
11/7/17

Ratnala
11/7/17

Ravi
11/7/17

B. Chinn
CHAIRMAN
BOARD OF STUDIES

DEPARTMENT OF COMPUTER SCIENCE
SRI Y.N. COLLEGE (AUTONOMOUS)
(NAAC ACCREDITED 'A' GRADE COLLEGE)
NARSAPUR - 534 275, W.G.D.



2017-2020
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
(W.e.f. 2016-17 Admitted Batches)
I Semester
CERTIFICATE COURSE SYLLABUS
Paper Title: Operating System & Diagnostics Tools

(for I B.A / I B.Com. / I B.Sc. Programs with Computer subject as Core subject)

Time: 2 Hours

Max. Marks: 50

SECTION-A

Note: 1. Answer any Three of the following.

2. Each one carries 10 marks.

3X10=30

1. Explain how to install windows vista?
2. What is Operating system? Explain types of Operating systems?
3. What is Virus? Explain types of viruses?
4. Explain Scanning and Antivirus tools?
5. What is internet? Explain how to create an E-mail account?

SECTION-A

Note: 1. Answer any FOUR of the following.

2. Each one carries 5 marks.

4X5=20

6. How to install the Browsers?
7. How to install the Photoshop?
8. How to install Ms-Office?
9. How to install the sound card?
10. What is Graphics card?
11. What is Modem?
12. Explain LAN, MAN, WAN?
13. What is the difference between internet and intranet? .

Bul
01/07/2017

K. R. Rajuwai
11/7/17

Quell
11/7/17

11/7/17

Rathalew
11/7/17

Ravi
11/7/17

G. Jayaram
11/7/17

APPROVED

B. Chitra Choudhary
CHAIRMAN 11/7/17
BOARD OF STUDIES
DEPARTMENT OF COMPUTER SCIENCE
SRI Y.N. COLLEGE (AUTONOMOUS)
(NAAC ACCREDITED 'A' GRADE COLLEGE)
NARSAPUR - 534 275, W.G.D.I.,

Batch 2017-2020
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
I SEMESTER
CERTIFICATE COURSE
 (For I SEMESTER B.A/B.Com./B.Sc. Courses with no computer subject as core subject w.e.f 2016-17)
PAPER TITLE: PROGRAMMING IN "C"

UNIT-I: Introduction

Definition and Types of Operating System – MS-DOS – MS-Windows-Differences between DOS and Windows; Windows Basics: Desktop, My Computer, My Documents, Pictures, Music, Videos, Recycle Bin, Task Bar, Control Panel.

UNIT-II: "C" Fundamentals

'C' Fundamentals : Structure of a C Program, keywords, Data types, variables, constants, identifiers, Operators: arithmetic, relational, logical, increment/decrement, assignment, conditional operators , Input/output statements, Compiling your first program – Running your program – understanding your first program.

UNIT – III: Control Structures

Decision making: if statement – if else construct – Nested if statements – The else if construct – switch statement. Decision looping: for statement – Nested for loops – while statement – do..While statement – break statement – continue statement.

UNIT-IV: Working with Arrays: Defining an array – Initializing Arrays-entering elements into arrays –One dimensional arrays-two dimensional arrays-character arrays – string handling functions.

Prescribed Book:

1. Programming in "C" by E.Balagurusamy

GUIDELINES TO THE PAPER SETTER
BLUE PRINT

Unit No.	Essay Questions	Short Answer Questions
I.	1	2
II.	1	3
III.	2	1
IV.	1	2

APPROVED

BUR
01/07/2017

[Signature]
11/7/17

[Signature]
11/7/17

K. R. Rajuwar
11/7/17

[Signature]
11/7/17

Ratna
11/7/17

Ravi
11/7/17

B. Chitra
CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF COMPUTER SCIENCE
SRI Y.N. COLLEGE (AUTONOMOUS)
 (NAAC ACCREDITED 'A' GRADE COLLEGE)
 NARSAPUR - 534 275, W.G.Dl.,

Batch 2017-20
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
I SEMESTER

CERTIFICATE COURSE

(For I B.A. / I B.Com./ I B.Sc. Courses with no computer subject as core subject w.e.f 2016-17)

PAPER TITLE: PROGRAMMING IN "C"

MODEL PAPER

Time: 2 Hours

Max.Marks: 50

Note: 1. Answer any Three of the following.
2. Each one carries 10 marks.

3X10=30

SECTION-A

1. Explain MS DOS Internal commands?
2. Explain the structure of 'C' program?
3. Explain different type of control loops in 'C' Language?
4. Write a 'C' program to find the biggest number of given three numbers?
5. Write a 'C' program to find the addition of given two matrices?

SECTION-B

Note: 1. Answer any FOUR of the following.
2. Each one carries 5 marks.

4X5=20

6. What are the differences between MS DOS and Windows Operating systems?
7. Define the following.
a) Desktop b) Recyclebin?
8. Explain Arithmetic operators in 'C' Language?
9. Explain various data types in 'C' Language?
10. Explain Printf () and scanf () functions with examples?
11. Write a 'C' program to print all the Even numbers upto 100?
12. Define an array with examples?
13. Explain string handling functions in 'C' Language?

Ravi
01/07/2017

Ravi
1/7/17

Ravi
1/7/17

K. R. Rajuwar
1/7/17

Ravi
1/7/17

Ratnabala
1/7/17

Ravi
1/7/17

APPROVED

B. Chitra Chakraborty
CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF COMPUTER SCIENCE
SRI Y.N. COLLEGE (AUTONOMOUS)
(NAAC ACCREDITED 'A' GRADE COLLEGE)
NARSAPUR - 534 275, W.G.D.I.,