

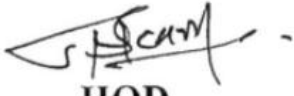
**Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara.
BCA Department**

Notice

Date:- 10th January 2022

All BCA II year students hereby inform that your short term course
“**Computer Hardware and Networking**” has been started on **11 January 2022**
at 10:30 AM. all the students should complete this course and your attendance will
be considered this course.


Co Ordinator


HOD
H. O. D.
Department of B. C. A.


Principal
Principal
Savitribai Phule Mahila Mahavidyalaya
SATARA



Rayat Shikshan Sanstha's

Savitribai Phule Mahila Mahavidyalaya, Satara

BCA Department

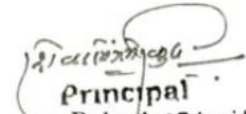
Short Term Course

"Hardware and Networking"

(2021-2022)

Time Table

Day	Monday	Tuesday	Wednesday
Time	10:30 AM to 11 :30 AM	10:30 AM to 11 :30 AM	10:30 AM to 11 :30 AM
Platform	Offline		


Principal
Savitribai Phule Mahila Mahavidyalaya
SATARA

Savitribai Phule Mahila Mahavidyalaya, Satara



Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
Short Term Course
"Hardware & Networking"
BCA II - (2021-2022)
Report

Co-ordinator Name :- Miss Gosavi P.V

Department – BCA

Introduction –

In BCA Course only Computer basic Knowledge of Computer system are not important advance knowledge of computer system are very significant because in these computer field have very competitions are there so that in BCA II year students have allotted Short Term Course Hardware and Networking. to upgrade her Career in Computer as well as to grasp advanced knowledge about Computer Hardware and Networking.

Hardware and Software are Main components of Computer it include Various input devise output devise as well as Central Processing unit.

Hardware, which is abbreviated as HW, refers to all physical components of a computer system, including the devices connected to it. You cannot create a computer or use software without using hardware. The screen on which you are reading this information is also a hardware.

Software, which is abbreviated as SW or S/W, is a set of programs that enables the hardware to perform a specific task. All the programs that run the computer are software. The software can be of three types: system software, application software, and programming software.

A network set up by connecting two or more computers and other supporting hardware devices through communication channels is called a computer network. It enables computers to communicate with each other and to share commands, data, etc., including the hardware and software resources.

After Completed this short term course students was acquired knowledge about Computer Hardware – Internal Parts of Computer as well as Computer Networking Units how to Connect one or more Networks of Computers using LAN (Local Area Network) WAN (Wide Area Network) MAN (Metropolitan Area Network) Networks etc.



Course Statistical Report –


Total Student Participated	Total Students Exam	Total Passed Students with Certificate	No of Project	Remark
22	22	22	-	-

Objectives of the Course -

1. To Understand Computers Hardware as well as Networking
2. To understand computers Memory
3. To know the concept of Networking Slots
4. To know different Data Sources and Data Cables
5. Knowing different Computer Software

Conclusion-

The response of the students found satisfactory and attentive. This course has been successfully completed with the support of **Genesis Tech Pvt Ltd, Satara** under the guidance of **Hon. Prin.Dr.Shivling Menkudale** and **Short-Term Course Committee**.

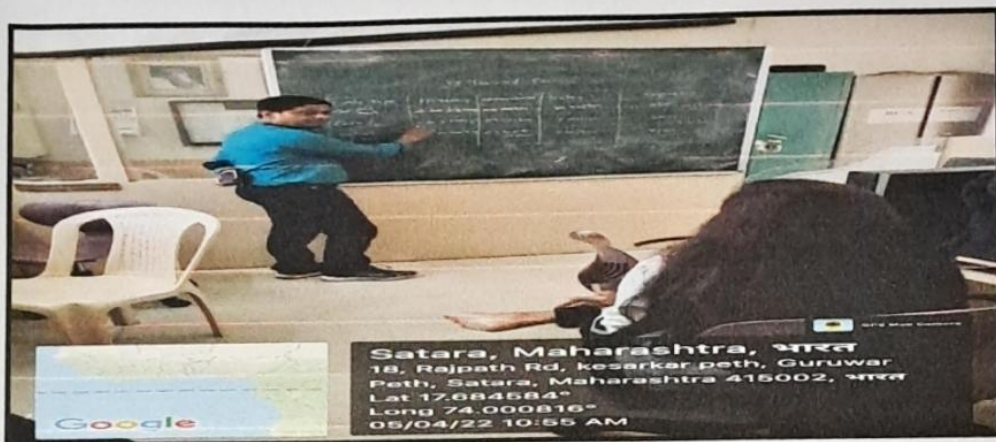

Coordinator
Short Term Course


Chairman
Short Term Course
Committee


Principal
Savitribai Phule Mahila Mahavidyalaya,
SATARA.

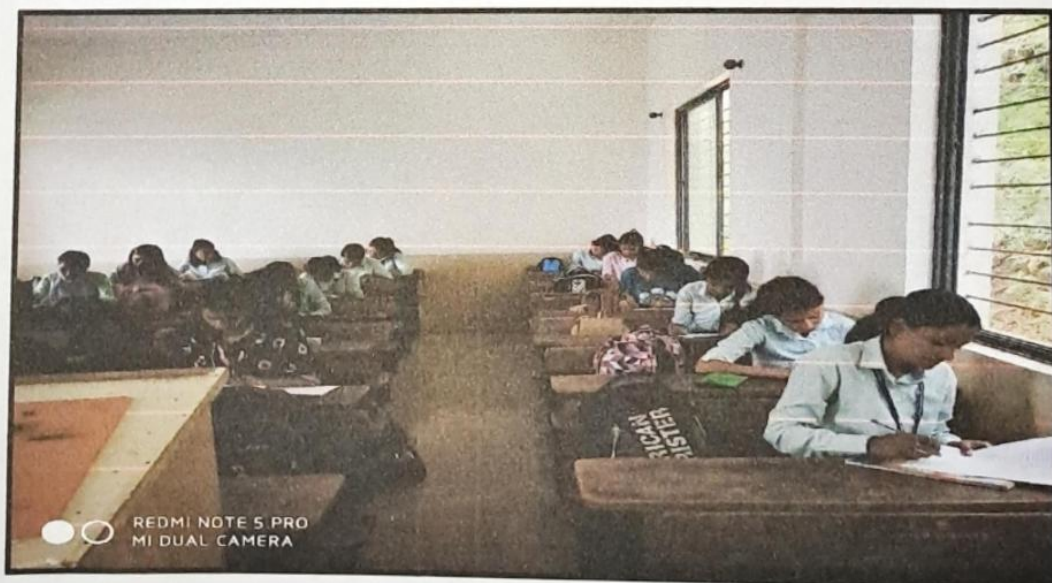


Photo:



Mr. Vivek.C.Mohite
Genesis Tech Pvt Ltd Satara.
Visiting Faculty of Short Term Course
"Hardware and Networking"

Final Examination of Short Term Course



Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
BCA II
Short Term Course Hardware and Networking
List of Students (Admitted)
(2021-22)

SR. No	Name of Student
1.	KAMBLE SIYA DHONDIBA
2.	ATTAR AFSHA NIJAM
3.	CHAVAN SONALI SHASHIKANT
4.	CHAVAN VAISHNAVI AVINASH
5.	DESAI NIKITA SANJAY
6.	DHANAWADE MRUNALI SANJAY
7.	DHUMAL PAYAL SHASHIKANT
8.	JADHAV POONAM RAJENDRA
9.	KARNE ANKITA VILAS
10.	KHANDAIT MEGHA SURESH
11.	KHARAT ANUSHKA YUVRAJ
12.	KHILARE AJIT DHANASHRI
13.	KUSALKAR SAKSHI SANDIP
14.	LOHAR PRANALI APPASAHEB
15.	MORE SUJATA SAHEBRAO
16.	PATIL AKANKSHA VIJAYKUMAR
17.	PAWAR PRATISHTHA NILESH
18.	POL SAKSHI DATTATRAYA
19.	RANBAGLE ASHLESHA DAYANAND
20.	TARADE AKANKSHA ANIL
21.	THORAT VRUNDA VIKAS
22.	TRIMBAKE SHRUTI JAGADISH


Course Coordinator


Principal
Savitribai Phule Mahila Mahavidyalaya
SATARA



Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
Short Term Courses
Affiliated to : karmaveer Vidya Prabodhini, Satara
Computer Hardware and Networking
Year 2021-22

- **Course Duration: 6 Months**
- **Course Co-ordinator : Miss. Gosavi P.V**

Introduction

A computer is a combination of two terms Hardware and Software. The physical components of a computer are called hardware. Pieces of hardware may be categorized according to the functions each performs: input, process, output, and storage. Your PC (Personal Computer) is a system, consisting of many components. Some of those components, like Windows XP, and all your other programs, are software. Software is the source of interaction between the user and the computer. It represents programs, collection of several sets of instructions, which allow the hardware to run properly. The stuff you can actually see and touch, and would likely break if you threw it out a fifth-story window, is hardware. Hardware of a computer is made up of complex electronic circuits. For a user the details of the circuitry are not important. However, the hardware units with which a user has to interact must be clearly understood.

Similarly, computer networking is also most important part to connect two or more computers for faithful communication. Concepts like LAN, MAN & WAN are important in today's world for computer connectivity.



Objectives of the course:

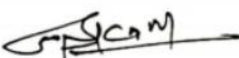
- 1.Introduction to Computer Hardware & Networking
- 2.Learning of Different types CPU components
- 3.Learning of different types Ports & Wires used in PC
- 4.Learning of BIOS & CMOS & Installation of OS & Handling Viruses
- 5.Learning of Network Basics & IP Setting of LAN

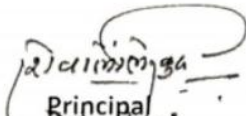
BCA-II A. Y. 2020-21

Unit No.	Topic	T	P	Total
1	Introduction to Hardware and Software <ul style="list-style-type: none">• Computer Hardware• Network System• Computer Software• External Devices	13	5	18
2	CPU Components <ul style="list-style-type: none">• Motherboards• Chipsets• Concept of Microprocessor• Latest Chipsets and Microprocessors available in Market• Basics and Types of Floppy drive/HDD/DVD/RAM etc.• Switching-Mode Power Supply (SMPS)	16	5	21
3	Introduction to Ports & Wires of Computer <ul style="list-style-type: none">• Ports• Computer Wires• PATA & SATA Slots• IDE Slots	10	5	15
4	Introduction to BIOS, CMOS Setup & OS Installation & Dealing with computer Virus <ul style="list-style-type: none">• Concept of BIOS and CMOS• Setting BIOS Configurations• Peripherals Setup• Basic of OS & Types of OS• Installation of Windows OS and Utility software's• Dealing with computer virus	9	7	16

5	Introduction to Networking <ul style="list-style-type: none"> • Networking Cables • Hub, Router, Switches • Types of Connectors • Punching and Crimping tools • I/O Sockets • Creation of Cross Wires and Direct Cables • IP Basics 			
		12	8	20
		60	30	90


Course Co-ordinator


Head of Dept
Department of B. C. A.


Principal
Principal
Savitribai Phule Mahila Mahavidyalaya
SATARA



Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
Short Term Course "Hardware and Networking"
BCA II
2021-22

Attendance Sheet

Date: - 24/05/2022 ~~Tuesday~~ Today

SR No	Name of Student	Sign
1	chavan sonali shashikant	chavan
2	Desai Nikita Santay	Desai
3	Dhonaude Mrunali Santay	Dhonaude
4	Dhumal Payal Shashikant	Dhumal
5	Jadhav Poonam Rajendra	Jadhav
6	Kamble siya dhondiba	siya
7	Karne Ankita vilas	Ankita
8	Patil Akanksha Vijaykumar	Patil
9	more Sujata Sohebrao.	more
10	Lohar Pranali Appasaheb	Pranali
11	Kusalkar Sakshi Sandip	Kusalkar
12	khilore Dhonaohri Ajit	khilore
13	Kharat Anushka Yuvraj	Ay. Kharat
14	Khandait Megha Suresh	Megha
15	Pawar Pratishtha Nilesh	Pawar
16	Pol Sakshi Dattatraya	Pol
17	Ronbagle Ashlesha Dayanand	A. P. Ronbagle
18	Attar Afsha Nijam	Attar
19	Chavan Vaishnavi Avinash	Vaishnavi
20	Tamade Akanksha Anil	Tamade
21	Thorat Vrunda Vikas	Vrunda
22	Trimbake smriti Jagadish	Trimbake

Hard Ware & Networking 2021-22

Attendance sheet (BCA II)

05/04/2022

Name of students

sign

Pol Sakshi Dattateya

Spl.

More Sujata Sahebrao

Smore

Desai Nikita Sanjay

N. Desai

Torade Aakansha Anil

Torade

Dhumal Payal Shashikant

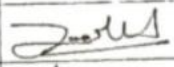
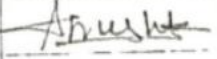

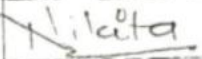
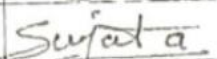
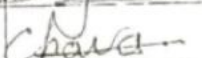
Dhumal

~~Desai~~ chavan vaishnavi Avinash.

Chavan


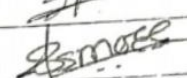
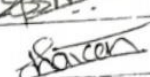

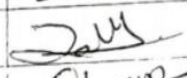
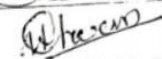
Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
Short Term Course "Hardware and Networking"
BCA II
2021-22
Attendance Sheet

Date 13/04/2022

SR No	Name of Student	Sign
1	Patil Akanksha Vijaykumar	
2	Kharat Anushka Yuvraj	
3	Pat Sakshi Dattatray	
4	Desai Nikita Sanjay	
5	More Sujata Sahebrao	
6	Chavan Vaishnavi Avinash	
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Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
BCA Department
Short Term Course "Hardware and Networking"
BCA II
2021-22
Attendance Sheet

Date 17-05-2022

SR No	Name of Student	Sign
1	Pol Sakshi Dattateya	
2	More Sujata Sahebrao	
3	Chavan Sonali Shashikant	
4	Desai Nikita Sanjay	
5	Patil Akanksha Vijaykumar	
6	Chavan Vaishnavi Avinash	
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