



Education through self-help is our motto- Karmaveer
Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

2025-26

Short Term Course

Course Name: Pc Hardware and Networking



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Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA

Short Term Course - 2025-26

"PC Hardware and Networking"

Faculty Notice

Date: 28/11/2025

The faculty members of the department are kindly informed that the departmental meeting will be held on 29/11/2025 at 11:30 AM in the department staff room. All members are requested to attend.

Agenda for Departmental Meeting

Date: 29/11/2025

Time: 11:30 AM

Venue: Department Computer Lab

1. Discussion on the Short Term Course starting from December.
2. Discussion regarding the notice to be issued to students.
3. Discussion on the intake capacity of the course.
4. Preparation of 90 hours timetable.
5. Distribution of syllabus.

Member:-

Prof Borade N.S.

Prof. Kadam A.P

Prof. Satape A.A

Prof. Shinde M.V

Kadam
Satape
Shinde

Kadam

Chairman
(Miss Kadam A.P.)

Borade

Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)



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Department of BCA

Short Term Course - 2025-26

“PC Hardware and Networking”

Notice

Date: 29/11/2025

All the students are hereby informed that the **BCA Department** is organizing a **Best Practice on “PC Hardware and networking”** from **01/12/2025** to **01/02/2026**. This course aims to enhance students' knowledge and practical skills in the emerging field of Artificial Intelligence.

All BCA students are advised to attend and make the most of this valuable opportunity.

Head of Dept.
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Department of BCA

Short Term Course – 2025-26

“PC Hardware and Networking”

❖ **Learning Outcomes:-**

Student will learn following topic with PC Hardware and Network:

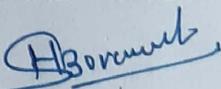
1. Lists the hardware components such as processor, memory, disk, main board, etc.
2. Explains the features (speed, capacity, etc.)Of the hardware components of a computer.
3. Explains the relationships between the components of a computer and how data are transferred among the components.
4. Identify the peripheral devices outside computer.
5. Uses computer using input devices, such as keyboard and mouse.
6. Transfers data outside the computer using output devices, such as screen and printer.
7. Saves files to removable devices and loads files from removable devices.

❖ **Program Outcome:-**

1. Students will understand the basics of computer systems along with peripherals.
2. Students will be able to do troubleshooting of different computer related issues.
3. Students will learn to determine and installing appropriate security measures.
4. Students will be able provide the technical support on-site.
5. Students will be able to troubleshoot software and hardware problems related to internet applications.

❖ **Course Outcomes:-**

1. Students will be able to identify the essential components of a computer.
2. Students will be able to describe the function of the essential components of a computer.
3. Students will be able to recommend hardware.
4. Students will be able to develop a computer system proposal/presentation for a client.
5. Students will be able to troubleshoot hardware components; 6. Students will be able to assemble a computer with essential components.


Head of Dept.

Department of BCA

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Ramanandnagar (Burli)**



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Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Short Term Course 2025-26
"PC Hardware and Networking"

Duration: 90 hrs.

Syllabus

Unit 1: Introduction to Computer Hardware

- Basics of computer systems
- Types of computers
- Boot process (POST – Power On Self Test)
- Computer firmware: BIOS / UEFI
- Hardware components overview
 - Input devices
 - Output devices
 - Storage devices

Unit 2: Motherboard and CPU

- Types of motherboards
- Chipsets, buses and ports
- CPU components and working
- CPU socket types
- Heat sinks, cooling systems
- CMOS battery and settings

Unit 3: Memory and Storage Devices

- RAM: SDRAM, DDR, DDR2/3/4/5
- ROM: EEPROM, Flash ROM
- Hard Disk Drive (HDD) – structure & working
- SSD – working and types
- Partitions, file systems (NTFS, FAT, EXT)

Unit 4: Power Supply and SMPS

- Types of power supply
- SMPS working
- Connectors (ATX, SATA, PCIe)
- UPS – types and working

Unit 5: Assembling & Troubleshooting

- Steps to assemble a PC
- Installing OS (Windows / Linux)
- Driver installation
- Common hardware issues and troubleshooting
- POST error codes and beep codes

Networking Syllabus

Unit 6: Basics of Networking

- Introduction to networks
- Types of networks: LAN, MAN, WAN, PAN
- Topologies: Bus, Star, Ring, Mesh, Hybrid
- Network devices: Hub, Switch, Router, Bridge, Repeater, Gateway

Unit 7: Network Cabling & Media

- UTP, STP cables
- Coaxial, Fiber Optic
- Crimping RJ45 connectors
- Straight-through & Cross-over cable
- Wi-Fi basics

Unit 8: IP Addressing

- IPv4, IPv6
- Classes of IP
- Private vs Public IP
- Subnetting (basic)
- DHCP, DNS, NAT concepts

Unit 9: Protocols and OSI Model

- OSI 7-layer model
- TCP/IP model
- Protocols: HTTP, FTP, SMTP, TCP, UDP, ARP, ICMP
- MAC address concept

Unit 10: Network Configuration

- LAN setup & configuration
- Router configuration basics
- Sharing files and printers
- Creating subnets


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Ramchandranagar (Burl)

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Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
2025-26
BCA - I
Short Term Course
PC Hardware and Networking

Day and Date: Tuesday, 04/03/2025

Total Marks: 50

Time: 11.00 am to 1:00 pm

Instruction:

1. Q1 and Q7 are compulsory and attempt any three questions from Q2 to Q6
2. Figures to right indicate marks

Q.1) Multiple Choice Questions (10 questions for 1 mark for each.)

10M

1. Which of the following is an input device?

- A. Monitor B. Printer C. Keyboard D. Speaker

2. Which device is used to control the movement of the cursor on the screen?

- A. Mouse B. Plotter C. Scanner D. Monitor

3. A scanner is used to:

- A. Display information B. Convert hard copy to digital form C. Print documents D. Produce sound

4. Which of the following is a pointing device?

- A. Keyboard B. Mouse C. Webcam
D. Barcode reader

5. A barcode reader works on which technology?

- A. Sound waves B. Magnetic fields C. Laser light D. Infrared heat

6. Which input device is used for biometric authentication?

- A. Laser printer B. Fingerprint scanner C. Plotter D. Projector

7. What type of device is a webcam?

- A. Video output device B. Audio input device C. Visual input device D. Storage device

8. Which device captures handwritten text and drawings?

- A. Printer B. Light pen C. Joystick D. Modem

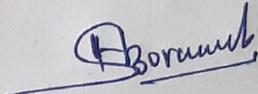
9. A joystick is mainly used for:

- A. Drawing graphics B. Gaming and simulation controls C. Printing documents D. Displaying images

10. OCR stands for:

- A. Optical Character Recognition B. Operational Code Reader C. Optical Control Recorder D. Output Character Reading

- Q.2 Explain the Constructor and destructors with example? 10M
- Q.3 What is a pointing device? Explain different pointing devices used in computers. 10M
- Q.4 Describe the working of a mouse. Explain different types of mouse technologies with examples. 10M
- Q.5 What is a keyboard? Explain its layout, types, functions, and working mechanism 10M
- Q.6 Explain in detail what input devices are. Describe the working principles of any four input devices with diagrams 10M
- Q.7 Write short notes on (Any two out of three). 10M
- 1) Types of motherboards
 - 2) Layer model
 - 3) Types of networks


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Ranchhimgar (Burlil)

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Department of BCA
Short Term Course
2025-26
"PC Hardware and Networking"
Students Mark sheet

Sr.No	Roll No	Students Name	Marks Out of 50
1.	2351	BABAR ADINATH SANDIP	40
2.	2352	BHOSALE ADITYA SATISH	42
3.	2353	GEJGE VISHAL ARUN	44
4.	2354	GURAV AKSHAY MARUTI	39
5.	2355	GURAV PRANAV VITTHAL	38
6.	2356	KADAM PARIT ADITYA RAJENDRA	45
7.	2357	KADAM VAISHNAVI SACHIN	47
8.	2358	KARKE SANKET NIWAS	39
9.	2359	MALI VISHWAJEET VIJAY	38
10.	2360	MANGSULE SAMARTH DILIP	40
11.	2361	MUJAWAR REHAN FIROJ	42
12.	2362	PATIL PRAJAKTA NAMDEV	45
13.	2363	PATIL SARTHAK SANDIP	47
14.	2364	PAWAR RAJ RAMDAS	43
15.	2365	PAWAR SATYAJEET GANESH	42
16.	2366	PHALKE ADARSHA RAJENDRA	44
17.	2367	SADAMATE GAURAV JALINDAR	42
18.	2368	SUTAR ANKUR BABAN	45
19.	2369	WAGHMODE SAMIR SAYAJI	40

H. Borumb.
Head of Dept.
Department of BCA
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Department of BCA

Short Term Course - 2025-26

"PC Hardware and Networking"

Students List

Sr.No	Roll No	Students Name	Signature
1.	2351	BABAR ADINATH SANDIP	A.B. Babbar
2.	2352	BHOSALE ADITYA SATISH	A.S. Bhosale
3.	2353	GEJGE VISHAL ARUN	Gejge
4.	2354	GURAV AKSHAY MARUTI	A. Gurav
5.	2355	GURAV PRANAV VITTHAL	P.V. Gurav
6.	2356	KADAM PARIT ADITYA RAJENDRA	A.R. Kadam
7.	2357	KADAM VAISHNAVI SACHIN	Kadam
8.	2358	KARKE SANKET NIWAS	Karke
9.	2359	MALI VISHWAJEET VIJAY	Mal
10.	2360	MANGSULE SAMARTH DILIP	S.D. Mangsule
11.	2361	MUJAWAR REHAN FIROJ	R.F.M
12.	2362	PATIL PRAJAKTA NAMDEV	Patil
13.	2363	PATIL SARTHAK SANDIP	Patil
14.	2364	PAWAR RAJ RAMDAS	Pawar
15.	2365	PAWAR SATYAJEET GANESH	Pawar
16.	2366	PHALKE ADARSHA RAJENDRA	A.R. Phalke
17.	2367	SADAMATE GAURAV JALINDAR	Sadamate
18.	2368	SUTAR ANKUR BABAN	Sutar
19.	2369	WAGHMODE SAMIR SAYAJI	Waghmode

A. Boramud,
Head of Dept.
Department of BCA
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Department of BCA

Best Practice – 2025-26

“PC Hardware and Networking”

Month: 01/12/2025 to 01/02/2025

Attendance Sheet

Course Duration 90 Hours

Time: 9.00 am to 11.00 am

Sr. NO	Name of Student	Date											
1	BABAR ADINATH SANDIP	01/12/25	21/12/25	31/12/25	4/12/25	5/12/25	5/12/25	6/12/25	8/12/25	9/12/25	10/12/25	11/12/25	12/12/25
2	BHOSALE ADITYA SATISH	A.S. Bhosale											
3	GEJGE VISHAL ARUN	AB											
4	GURAV AKSHAY MARUTI	A. Akshay	A. Akshay	A. Akshay	A. Akshay	AB	A. Akshay	A. Akshay	A. Akshay	A. Akshay	AB	A. Akshay	A. Akshay
5	GURAV PRANAV VITTHAL	P.V. Gurav	AB	P.V. Gurav	AB	P.V. Gurav	P.V. Gurav						
6	KADAM PARIT ADITYA RAJENDRA	A.R. Kadam											
7	KADAM VAISHNAVI SACHIN	Kadam											
8	KARKE SANKET NIWAS	A. Karke	A. Karke	A. Karke	AB	A. Karke							
9	MALI VISHWAJEET VIJAY	AB											

11	MUJAWAR REHAN FIROJ	R.f.m	R.f.m	AB	R.f.m	R.f.m	R.f.m	R.f.m	R.f.m	R.f.m	R.f.m	R.f.m	R.f.m
12	PATIL PRAJAKTA NAMDEV	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.
13	PATIL SARTHAK SANDIP	Fatil	Fatil	Fatil	Fatil	AB	Fatil	Fatil	Fatil	Fatil	Fatil	AB	AB
14	PAWAR RAJ RAMDAS	RB	RB	RB	RB	RB	RB	RB	RB	AB	RB	RB	RB
15	PAWAR SATYAJEET GANESH	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw	Spaw
16	PHALKE ADARSHA RAJENDRA	A.R.P	A.R.P	AB	A.R.P	A.R.P	A.R.P	AB	A.R.P	A.R.P	A.R.P	A.R.P	A.R.P
17	SADAMATE GAURAV JALINDAR	Spadmate	Spadmate	Spadmate	Spadmate	Spadmate	AB	Spadmate	Spadmate	Spadmate	Spadmate	Spadmate	Spadmate
18	SUTAR ANKUR BABAN	BS	BS	AB	BS	BS	BS	BS	BS	AB	BS	BS	BS
19	WAGHMODE SAMIR SAYAJI	Stwaght	Stwaght	Stwaght	AB	AB	Stwaght	Stwaght	Stwaght	Stwaght	Stwaght	Stwaght	Stwaght



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Best Practice – 2025-26

“PC Hardware and Networking”

Month: 01/12/2025 to 01/03/2025

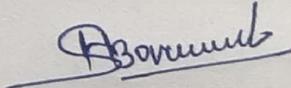
Attendance Sheet

Course Duration 90 Hours

Time: 9.00 am to 11.00 am

Sr. NO	Name of Student	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	
		13/12/25	15/12/25	16/12/25	17/12/25	18/12/25	19/12/25	20/12/25	22/12/25	23/12/25	24/12/25	26/12/25	27/12/25
1	BABAR ADINATH SANDIP	<i>AB</i>	<i>A.B. Babar</i>	<i>AB. Babar</i>	<i>AB. Babar</i>	<i>AB</i>	<i>A.B. Babar</i>	<i>AB. Babar</i>	<i>A.B. Babar</i>	<i>AB. Babar</i>	<i>A.B. Babar</i>	<i>A.B. Babar</i>	<i>A.B. Babar</i>
2	BHOSALE ADITYA SATISH	<i>AS. Bhosale</i>	<i>AS. Bhosale</i>	<i>AB</i>	<i>AS. Bhosale</i>	<i>AS. Bhosale</i>	<i>AB</i>	<i>AS. Bhosale</i>					
3	GEJGE VISHAL ARUN	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
4	GURAV AKSHAY MARUTI	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
5	GURAV PRANAV VITTHAL	<i>P.V. Gurav</i>	<i>P.V. Gurav</i>	<i>P.V. Gurav</i>	<i>P.V. Gurav</i>	<i>P.V. Gurav</i>	<i>AB</i>	<i>P.V. Gurav</i>	<i>AB</i>	<i>P.V. Gurav</i>	<i>AB</i>	<i>P.V. Gurav</i>	<i>P.V. Gurav</i>
6	KADAM PARIT ADITYA RAJENDRA	<i>A.R. Kadam</i>	<i>A.R. Kadam</i>	<i>A.R. Kadam</i>	<i>A.R. Kadam</i>	<i>A.R. Kadam</i>	<i>AB</i>	<i>A.R. Kadam</i>					
7	KADAM VAISHNAVI SACHIN	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>	<i>Kadam</i>
8	KARKE SANKET NIWAS	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>AB</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>	<i>Karke</i>
9	MALI VISHWAJEET VIJAY	<i>Om</i>	<i>Om</i>	<i>AB</i>	<i>Om</i>	<i>Om</i>	<i>Om</i>	<i>Om</i>	<i>Om</i>	<i>Om</i>	<i>AB</i>	<i>Om</i>	<i>Om</i>

10	MANGSULE SAMARTH DILIP				AB								
11	MUJAWAR REHAN FIROJ	R.f.m	AB	R.f.m	R.f.m	R.f.m							
12	PATIL PRAJAKTA NAMDEV	Patil											
13	PATIL SARTHAK SANDIP	Fatih	Fatih	Fatih	Fatih	Fatih	AB	Fatih	Fatih	Fatih	AB	AB	Fatih
14	PAWAR RAJ RAMDAS	Raj	Raj	Raj	Raj	Raj		Raj		Raj	Raj	Raj	Raj
15	PAWAR SATYAJEET GANESH	Spawar	AB	Spawar									
16	PHALKE ADARSHA RAJENDRA	A.R.P	A.R.P	A.R.P	AB	A.R.P							
17	SADAMATE GAURAV JALINDAR	Sadk	AB	Sadk	Sadk								
18	SUTAR ANKUR BABAN	As	AB	As	As	As	As						
19	WAGHMODE SAMIR SAYAJI	Swaghe	Swaghe	Swaghe	Swaghe	Swaghe	AB	Swaghe	Swaghe	AB	Swaghe	Swaghe	Swaghe


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Department of BCA

Best Practice – 2025-26

“PC Hardware and Networking”

Month: 01/12/2025 to 01/03/2025

Attendance Sheet

Course Duration 90 Hours

Time: 10.00 am to 11.00 am

Sr. NO	Name of Student	Date											
1	BABAR ADINATH SANDIP	29/12/25	30/12/25	31/12/25	1/1/26	2/1/26	3/1/26	5/1/26	6/1/26	7/1/26	8/1/26	9/1/26	10/1/26
2	BHOSALE ADITYA SATISH	A.S. Babar											
3	GEJGE VISHAL ARUN	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	AB	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	AB	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale
4	GURAV AKSHAY MARUTI	A.S. Babar											
5	GURAV PRANAV VITTHAL	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	AB	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale	AB	A.S. Bhosale	A.S. Bhosale	A.S. Bhosale
6	KADAM PARIT ADITYA RAJENDRA	P.V. Gurav											
7	KADAM VAISHNAVI SACHIN	A.R. Kadam											
8	KARKE SANKET NIWAS	K.K. Karke											

9	MALI VISHWAJEET VIJAY	Dom											
10	MANGSULE SAMARTH DILIP												
11	MUJAWAR REHAN FIROJ	R.F.M											
12	PATIL PRAJAKTA NAMDEV	Patil											
13	PATIL SARTHAK SANDIP	Patil	Patil	AB	Patil	Patil	Patil	Patil	Patil	Patil	AB	Patil	Patil
14	PAWAR RAJ RAMDAS	Raj	Raj	AB	Raj	Raj	Raj	Raj	AB	Raj	Raj	Raj	Raj
15	PAWAR SATYAJEET GANESH	Grace											
16	PHALKE ADARSHA RAJENDRA	A.R.P											
17	SADAMATE GAURAV JALINDAR	Jack											
18	SUTAR ANKUR BABAN	Be											
19	WAGHMODE SAMIR SAYAJI	St. wagh	AB	St. wagh	St. wagh								

Abhimukh

Head of Dept.
Department of BCA
Dr. Patangrao Madam Mahavidyalaya,
Ramanathnagar (Burl)

Attendance Sheet

Sr. NO	Name of Student	Date											
1	BABAR ADINATH SANDIP	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
2	BHOSALE ADITYA SATISH	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
3	GEJGE VISHAL ARUN	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
4	GURAV AKSHAY MARUTI	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
5	GURAV PRANAV VITTHAL	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
6	KADAM PARIT ADITYA RAJENDRA	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
7	KADAM VAISHNAVI SACHIN	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
8	KARKE SANKET NIWAS	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
9	MALI VISHWAJEET VIJAY	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
10	MANGSULE SAMARTH DILIP	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
11	MUJAWAR REHAN FIROJ	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
12	PATIL PRAJAKTA NAMDEV	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
13	PATIL SARTHAK SANDIP	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
14	PAWAR RAJ RAMDAS	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
15	PAWAR SATYAJEET GANESH	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
16	PHALKE ADARSHA RAJENDRA	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
17	SADAMATE GAURAV JALINDAR	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
18	SUTAR ANKUR BABAN	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25
19	WAGHMODE SAMIR SAYAJI	11/1/25	12/1/25	13/1/25	14/1/25	16/1/25	19/1/25	21/1/25	24/1/25	28/1/25	29/1/25	30/1/25	31/1/25

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

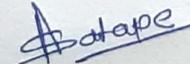
Department of BCA

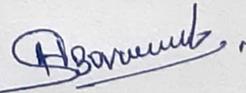
Value Added Course 2025-2026

“Short Term Course-PC Hardware and Networking”

CERTIFICATE

This is to certify that Shri. / Smt. Vaishnavi Sachin Kadam of Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli) Participated Three Month's "Short Term Course-PC Hardware and Networking" Organized by Department of BCA, from 01.12.2025 To 01.02.2026.


(Ms. Satape A. A.)
Chairman


(Prof. Borade N.S.)
Head of Dept.


Principal
(Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli))