

## NOTICE

This is to inform all the students that the Department of Computer Science and Application, Pandu College is going to start One Add-on Certificate course from 12-02-2024. Therefore all the students of B.A./B.Sc./B.Com/B.C.A./Bio-Tech of different semesters and the ones who are interested are invited to join the courses for their academic benefits. Details of the courses are given below:

- 1) Course Name : Hardware and Networking  
Duration : 30 hours  
Course Co-ordinator : Bhaskar Singha, 8638215243

Interested students can contact the course Co-ordinator of respective courses of the Computer Science and Application department on or before 10<sup>th</sup> February, 2024.

HoD



Dept of Computer Sc & Application  
Pandu College.



### Add –On Course

1. Name of the Course :- Certificate course in Computer Hardware and Networking
2. Duration :- 30 hours ( 15 Theory, 15 Practical) credit : 3
3. Course objective :- The goal of this certificate course in Computer Hardware and Network is to aware the students with the components of computer hardware and networking and its functions. It also imparts knowledge of installation, identification, repairing and upgrading all hardware equipments. The aim is to impart detailed knowledge on the setup and maintain of LAN with internet connection.
4. Course outcome :- After completing the course
  - a. Students will understand the basics of computer systems along with peripherals.
  - b. Students will be able to do installation, updation of computer operating system.
  - c. Students will be able to troubleshoot and repair of different computer related issues.
  - d. Students will be able to installation and configuration of Local Area Network.

#### 5. Syllabus :-

##### Unit 1: Hardware (8 hour Theory, 7 hour Practical )

Components of Motherboard: Random Access Memory , Read Only Memory , Cache Memory, Basic Input Output System , Hard Disk, Solid State Drive , Processor, DVD Drive, Switch Mode Power Supply, Different types of ports, Peripheral devices, Printer set-up, Scanner, Uninterruptible Power Supply.

Operating System installation.

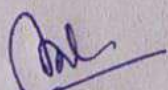
##### Unit 2: Networking, Basics of Internet

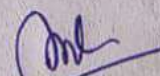
Concept of Computer Networks, Local Area Network (LANs), Wide Area Network (WAN), Intranet, Internet, Transmission media, Different types of Network cables, Network Interface Card, RJ45, I/O Box, Network devices: switch, hub, router etc. Internet Protocol address, MAC address, to set-up a small LAN, Email account creation, Google meet.



Name of the Add on Course : COMPUTER HARDWARE AND NETWORKING  
 Department : COMPUTER SCIENCE AND APPLICATION  
 Session : 2023-24  
 Duration of the course : 30 hours

Sl. No.	Name of Student	Roll No.	Date of Enrollment	Signature of Student
1)	Rohit Sharma	1011	12-02-24	Donil
2)	Uttam Sharma	1012	12-02-2024	Uttam
3)	Anirban Dutta	1020	12-02-24.	Anirban
4)	Klimbar Timung	1010	12-02-24.	Klimbar
5)	Suraj Chand Daimary	1033	12-02-2024	Suraj
6)	Iswan Chetri	1031	12-02-24.	Iswan
7)	Moinmay Nath	1014	12-02-24	Moinmay
8)	Avilash Ghosh	1002	12-02-2024	Avilash
9)	Kaniskajit Mallick	1005	12-02-24.	Kaniskajit
10)	Karshik Medhi	1029	12-02-24	Karshik
11)	Aditi Roy	1003	12-02-2024	Aditi Roy
12)	Gourav Dutta	1028	12-02-24.	Goutta
13)	Abhishek Marzumbdar	1030	12-02-24.	Abhishek
14)	Hrishika Chakraborty	1022	12-02-2024	Hrishika
15)	Priya Sinha	1021	12-02-24.	Priya
16)	Banashree Bhuyan	1035	12-02-24.	Banashree
17)	Amit Debnath	1026	12-02-24	Amit Debnath
18)	Bishal Dewri	1009	12-02-2024	Bishal Dewri
19)	Jyotirmoy Das	1004	12-02-24.	Jyotirmoy Das
20)	Nitumoni Thakuria	1006	12-02-2024	Nitumoni Thakuria
21)	Aminur Islam	1013	12-02-24	Aminur
22)	Pranjal R Marak	1023	12-02-24	Pranjal Marak
23)	Dibyajyoti Rabha	1008	12-02-24	Dibyajyoti

  
 Course Coordinator

  
 Head of the Department



## PANDU COLLEGE :

COORDINATOR- BHASKAR SINGHA STUDENT'S ATTENDANCE

Semester.....

Class.....

ATTEN

Roll Numbers	Name of Students																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Deepjyoti Dasgupta	b	b	b	.	b	b	.	.	b	b	b	b	b	b	b		
	Bishal Dewshi	b	b	.	.	b	b	p	p	.	p	b	b	b	p			
	Mrunmoy Nath	b	b	b	p	.	.	b	b	p	.	p	.	.	p			
	Kankam Boro	.	.	.	p	p	b	b	b	.	.	.	p	b	.			
	Anirban Dutta.	b	b	b	.	.	.	.	p	p	.	.	b	b	p			
	Pritya Singha.	.	b	b	b	p	b	b	.	p	b	.	.	.	b			
	Ganraj Dutta.	b	b	b	b	b	.	p	.	.	p	p	.	p	.			
	Jyotirmoy Das	b	b	.	.	b	p	.	p	.	p	b	b	.	.			
	Aditi Roy	p	.	.	b	p	p	.	b	.	.	p	.	p	.			
	Monodev Dasgupta	b	b	.	.	.	p	.	p	p	.	p	b	b	p			
	Anirban Islam	b	b	p	p	b	.	p	p	p	.	.	p	.	p			
	Avirash Ghosh.	.	.	b	b	b	p	.	.	b	p	.	b	b	.			
	Uttam Sharma	b	b	b	.	.	.	p	.	p	p	.	.	p	.			
	Hrushika Chakraborty	.	b	b	b	.	p	b	b	.	b	b	.	p	b			
	Nityamoni Thakuria.	.	.	.	p	p	p	b	p	p	.	p	.	p	p			
	Kanishkajit Malakar	.	.	.	p	.	b	b	p	b	.	p	p	b	p			
	Pranjal R Marak	.	.	.	.	p	.	p	p	.	p	b	p	p	.			
	Anyan Ghosh.	b	p	.	.	.	p	.	b	p	p	.	p	b	.			
	Debajyoti Dasgupta	b	b	b	.	b	.	p	.	b	b	.	p	b	b			
	Klimber Timung	b	b	b	p	.	p	p	.	b	b	p	.	p	b			
	Bohit Sharma.	b	b	b	b	.	.	b	p	.	p	b	.	.	p			
	Iswan Chelari	.	b	p	.	b	.	.	p	.	.	b	b	b	.			
	Glory Tigga.	.	.	.	p	b	.	b	p	p	.	.	p	.	b			
	Anrit Debmaik	b	b	b	.	b	b	.	.	p	p	p	p	b	.			
	Ringkheng Boro	b	.	.	p	p	p	.	p	.	p	b	b	b	.			
	Kartick Medhi	.	.	b	p	.	b	p	.	b	p	p	.	b	.			
	Abhishek Mazumder	b	b	b	.	p	.	b	.	p	.	p	p	.	b			
	Barnashree Bhuyan	b	b	b	p	.	.	b	b	b	.	.	p	p	b			
	Swraj Chand Baimary	.	.	.	b	b	p	.	p	b	p	p	.	p	b			
	Anny Das	.	b	b	b	.	b	.	.	.	.	.	.	.	b			



Name of the student : Aminur Islam

Full Marks : 10

Time : 30 minutes

1. A computer has \_\_\_\_\_.

- (a) input unit (b) Central Processing Unit (CPU)  
(c) output unit ~~(d) all of them~~

2. All the processing work of computer takes place in \_\_\_\_\_.

- (a) input unit ~~(b) Central Processing Unit (CPU)~~  
(c) output unit (d) all of them

3. Most PCs give a single beep on bootup to indicate they are ok hardware wise. You boot your PC and don't get a beep. What should you check first?

- a) system board b) RAM c) microprocessor ~~d) speaker~~

4. A device which converts handwriting to computer input is called \_\_\_\_\_.

- ~~(a) scanner~~ (b) digital tablet ~~(c) light pen~~ (d) printer

5. The device that produces hard copies on paper is called \_\_\_\_\_.

- (a) monitor (b) scanner (c) tablet ~~(d) printer~~

6. External devices/ peripherals like keyboard and mouse can be connected to a computer using \_\_\_\_\_ ports.

- (a) PS/2 ~~(b) USB~~ (c) both a & b (d) neither a nor b

7. Monitor is connected to a computer using \_\_\_\_\_ port.

- (a) RS232/ serial (b) PS/2 ~~(c) VGA (Video Graphics Array)~~ (d) LPT (Line printer Terminal)

8. Audio input, microphone and speaker output can be connected to computer using \_\_\_\_\_.

- ~~(a) 3.5mm jack~~ (b) RJ11 (c) RJ45 (d) LPT

9. A light sensitive device that converts drawing, printed text or other images into digital form is

- a) keyboard b) Plotter ~~c) Scanner~~ d) OMR

10. Which of the following is not an example of hardware?

- a) Scanner b) Printer c) Monitor ~~d) Interpreter~~



## REPORT ON ADD-ON COURSE

NAME OF EVENT: - ADD-ON COURSE

NAME OF THE COURSE: - Computer Hardware and Networking

DATE OF NOTICE: - 05-02-2024

Duration: 30 hrs

Total students : 25

COURSE COORDINATOR: - Bhaskar Singha, HoD, Dept. of Computer Science and Application

The IQAC team and the Department of Computer Science and Application of Pandu College jointly published a notice on 5th February 2024 to provide a 30 hours course on Computer Hardware and Networking. The course was open for all students. BCA 2nd Semester students actively enrolled in this course. Learning Hardware and Networking is very important for the students who are aspiring to enter the field of information technology. The enrolled students are now aware of the different components of computer hardware and networking and its functions along with installation, identification, and maintenance of hardware equipments.



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