

# LAB INFORMATION

## COMPUTER LAB



### **ADINA Institute of Pharmaceutical Sciences, Sagar (M.P)**

An ISO 9001:2000 Certified Institute

Opposite J L Nehru Agricultural Research Center (Bamhori Seed Farm) Bhopal Road Sagar, M. P.  
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## **COMPUTER LAB**

The Institute has its own computer laboratory located at 1st floor of the campus which is equipped with 39 modern and updated PCs. The laboratory has internet and printing facility. The Computer labs with high speed internet connectivity (32 MBPS leased line) with 30 computers connected in one network. All of the PCs have Intel Core 2 Duo processors and CRT/LCD monitors (15"/ 17"). Students could browse from any PC free of charge for unlimited time period. Students use this lab for the purposes of internet based study like searching research articles, reading e-books and doing group assignments etc. This lab is also equipped with a scanner.

Computer Lab room is having 100 sq. meter of area with capacity of 35 students per practical. The lab is well ventilated and equipped with modern hardware and software required to meet academic needs.

### **OBJECTIVE OF COMPUTER LAB**

The use of computer has become inevitable in all the walks of life and so in our College we emphasize the computer training for our students in various ways. We have developed very good computer application laboratory and internet facilities. Our students can use sophisticated facilities such as pharmacology software, computer-aided drug design in their research. Internet facility has been provided to the students in our computer laboratory where the students can online look for jobs/placements in India and abroad. It has also become very convenient way for them to search for admissions abroad or post-graduate research etc. through the internet. This facility helps our research students very much to undertake literature surveys for their dissertations work through the World Wide Web and the different search engines available for this purpose.



**Outside View**



**Inside View**

## FACULTY

Name	Designation	Area of Specialization	Email & Contact
Mr. Naresh Yadav B. Tech. (Computer Sc. & Engg.)	Lab - Incharge	Computer Science	nareshyadavadina@gmail.com 7000745536
Mr. Sonu Yadav	Lab Technician	Computer Operations	Sonuyadav22@gmail.com 7489495536



## **List of Software**

- C Language
- C++ Language
- Microsoft Windows 2007
- Microsoft Office
- NPAV Antivirus
- Dell Driver & Utilities
- E- Language
  - English Deluxe 10
  - Audio Course

## **List of Hardware**

- |                         |   |    |
|-------------------------|---|----|
| • Computer System (PC)  | - | 39 |
| • Laser Jet Printers    | - | 04 |
| • Scanner               | - | 01 |
| • Network Switch        | - | 02 |
| • Headphones (with mic) | - | 25 |
| • Projectors            | - | 02 |
| • UPS                   | - | 01 |

## COMPUTER SYSTEM (PC)



***MODEL: DELL***

**OPERATING SYSTEM : MICROSOFT WINDOWS 2007**

The computer system is a combination of hardware and software device which helps the computer for receiving the data or the information by communicating each other. It is a set of integrated devices that accept the data(input), then process it and finally give us a result (output) this is known as “Computer System. It used from multi-tasking. The computer system work with the help of the main four basic work ‘Input’, ‘Output’, ‘Storage’ , and ‘Processing’. These four works define the meaning of Computer systems.

## CANON LASERJET PRINTER



*MAKE: CANON INDIA*

*MODEL: 2900L*

In computing, a **printer** is a peripheral machine which makes a persistent representation of graphics or text, usually on paper. While most output is human-readable, bar code printers are an example of an expanded use for printers. Different types of printers include 3D printers, inkjet printers, laser printers, and thermal printers.



## **HP LASERJET ALL IN ONE PRINTER (WITH SCANNER)**



***MAKE: Hewlett - Packard***

***MODEL: HP LASER JET M1005MFP***

A laser printer is a printer that uses a focused beam or light to transfer text and images onto paper. When the paper passes through the printer, the drum is given a strong negative charge, which allows the toner to transfer and stick to the paper. The result is a clean copy of the image written on the paper.

### **Scanner**

**Scanner**, also called **optical scanner**, computer input device that uses a light beam to scan codes, text, or graphic images directly into a computer or computer system. Optical scanners are also used in fax machines and to input graphic material directly into personal computers.

## **LIST OF EXPERIMENTS**

1. Design a questionnaire using a word processing package to gather information about a particular disease.
2. Create a HTML web page to show personal information.
3. Retrieve the information of a drug and its adverse effects using online tools.
4. Creating mailing labels Using Label Wizard , generating label in MS WORD.
5. Create a database in MS Access to store the patient information with the required fields Using access.
6. Design a form in MS Access to view, add, delete and modify the patient record in the database.
7. Generating report and printing the report from patient database.
8. Creating invoice table using — MS Access.
9. Drug information storage and retrieval using MS Access.
10. Creating and working with queries in MS Access.
11. Exporting Tables, Queries, Forms and Reports to web pages.
12. Exporting Tables, Queries, Forms and Reports to XML pages.