

The background is a light gray color. It is decorated with various stylized, light gray elements. On the left and right sides, there are vertical stems with several oval-shaped leaves. Some of these leaves have internal white lines representing veins. Above the main text, there are larger, more complex shapes: some are heart-shaped or rounded with internal white lines forming a grid or star pattern, and others are simple circles. The overall aesthetic is clean and modern, with a focus on geometric and organic forms.

WELCOME TO OUR PRESENTATION



IMPERIAL COLLEGE OF ENGINEERING ,KHULNA
RU AFFILIATED



PRESENTATION ON COMPUTER DEVICE

WELCOME TO OUR PRASENTATION

Computer Maintenance

1. **PRINTER**
2. **SCANNER**



PRESENTED BY



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❖ OVERVIEW

1. Introduction
2. Types of Printers
3. How Printers Work
4. Uses of Printers
5. Applications and Innovations
6. Conclusion
7. Sheet-fed Scanner
8. Sheet-fed Scanner
9. Flatbed Scanner
10. Handheld Scanner
11. Drum Scanner
12. Barcode Scanner



➤ Introduction to Printers

What is a Printer ?

Briefly define its function—transforming digital files into physical outputs.

Visuals: A single, compelling image showing different types of printers (inkjet, laser, 3D).



➤ Types of Printers

Inkjet: High quality, ideal for color photos and home use.

Laser: Efficient for high-volume, office applications.

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➤ How Printers Work

How Printers Work

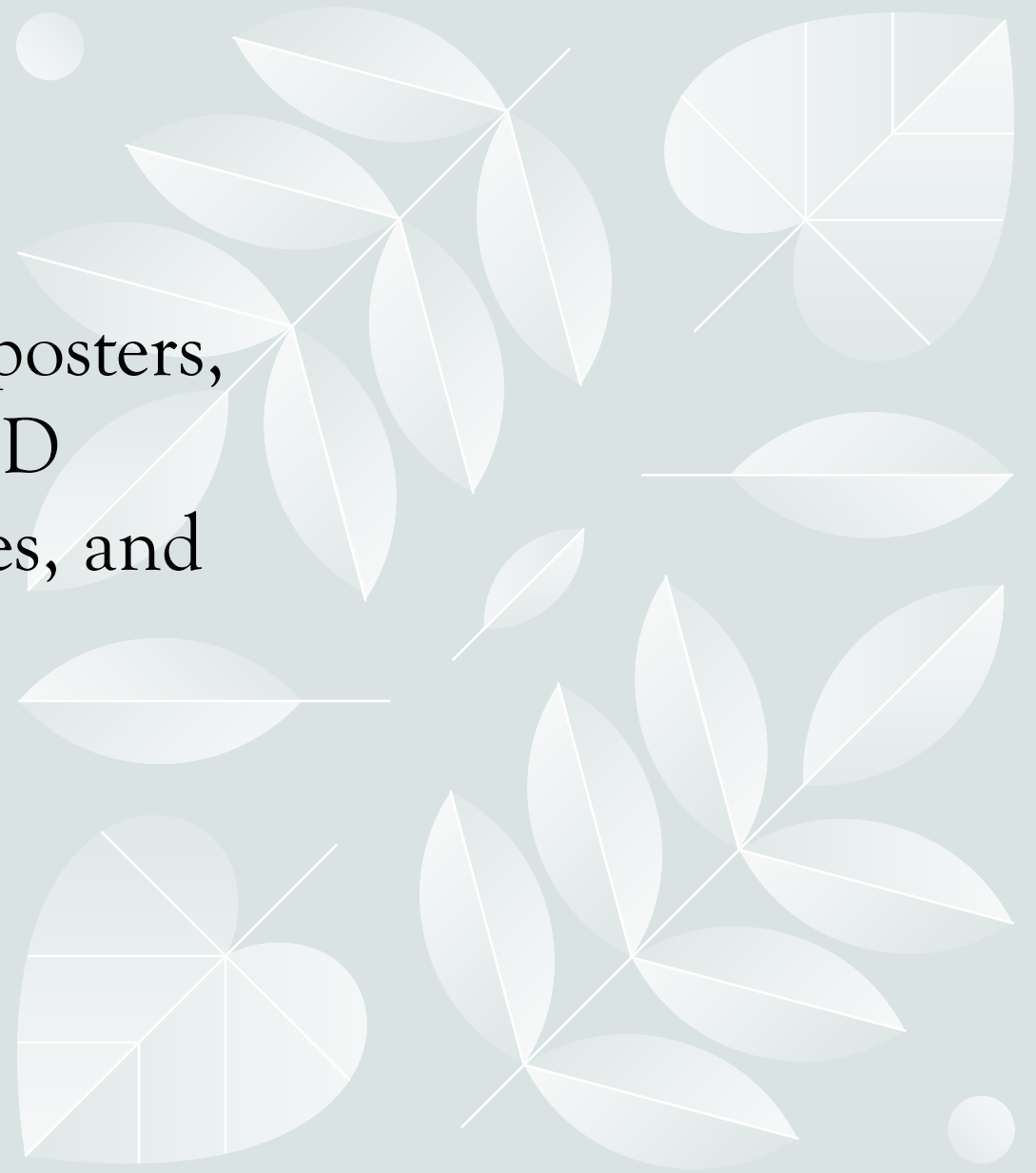
Inkjet: Uses ink cartridges to spray ink onto paper.

Laser: Uses toner powder and a laser beam to create images.---



➤ Uses of Printers

Printing documents, photos, posters, and promotional materials. 3D printing for models, prototypes, and custom items.



➤ Applications and Innovations

Applications: Home (photos, schoolwork), Office (reports, brochures), Industrial (3D prototyping).

Mini Case Study: One example (e.g., how 3D printing is used in medicine).

➤ Future Trends and Conclusion

Future of Printing: Mention sustainable printing materials, AI-driven maintenance.

Printers are essential tools for both personal and professional use.



➤ Sheet-fed Scanner

Feeds individual pages automatically.
Great for scanning multiple pages
quickly but only handles single sheets.



➤ Flatbed Scanner

Used for documents, photos, and various material . Offers high resolution, typically used for detailed scans.



➤ Handheld Scanner

Portable, manual scanning for specific areas. Useful for quick on-the-go scanning of small sections or items.



➤ Drum Scanner

High-quality scans used mainly in professional settings. Uses a photomultiplier tube for detailed and color-accurate scans.



➤ Barcode Scanner

Reads barcodes for product or inventory tracking. Commonly used in retail and warehouses.



THANK YOU

