

# **OSCILLATE TECHNICAL INSTITUTE**

**An ISO 9001:2008 Certified Institute**

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## **Printer Repairing Course Details**

**Printer Repairing Batch Timings & Duration, Course Fees, & Special Discounts (Limited Period).**

### **1. Batch Timings & Duration:**

**Daily batch Monday to Friday.**

**Timing: 3 hrs. Morning 8am to 11am.**

**Duration: 1 week for single Printer.**

**: 30 days for 4 Printer (as mention in syllabus below).**

### **2. Single Printer Course Fees:**

**A. Dot Matrix : Rs. 3500/ + free Thermal Printer course.**

**B. Inkjet Printer : Rs. 3500/ + free Thermal Printer course.**

**C. Laser Printer : Rs. 3500/ + free Thermal Printer course.**

**D. Multifunctional : Multifunctional printer course Available only in combine course (Details see below point no: 3**

### **3. Combine Printer Course Fees.**

**Special Discount on combine course (Limited Period).**

**Dot matrix, Inkjet, Laser & Multifunction Printer Course + (Free Thermal Printer Repairing Course)**

**Rs.7,500/-(on one-time payment)**

**(Online and Practical Exam fee extra if applicable).**

## **Important Instruction:**

- **First day practical - No writing work:** Students have to Xerox the printer notes provided by Oscillate Technical Institute to save the time which is wasted in writing notes and drawing diagrams.
- **No Extra fee is applied for extra time (duration) taken to complete the printer repairing course.**
- **Hostels Can be Arranged.**
- **Please read the full printer details including **Printer Repairing Syllabus.****

# Printer Repairing Course Syllabus.

## Types of printers

### A. Dot Matrix

1. 136 columns. 80 columns.

### B. Inkjet Printer.

### C. Laser Printer.

### D. Multifunctional Printer.

## A. Dot Matrix Printer Syllabus.

- a. 136 columns. b. 80 columns.

1. Introduction of Matrix.
2. Assembly Disassembly.
3. Gear assembly setting.
4. Fault finding, trouble shooting.
5. Logic board (partly).



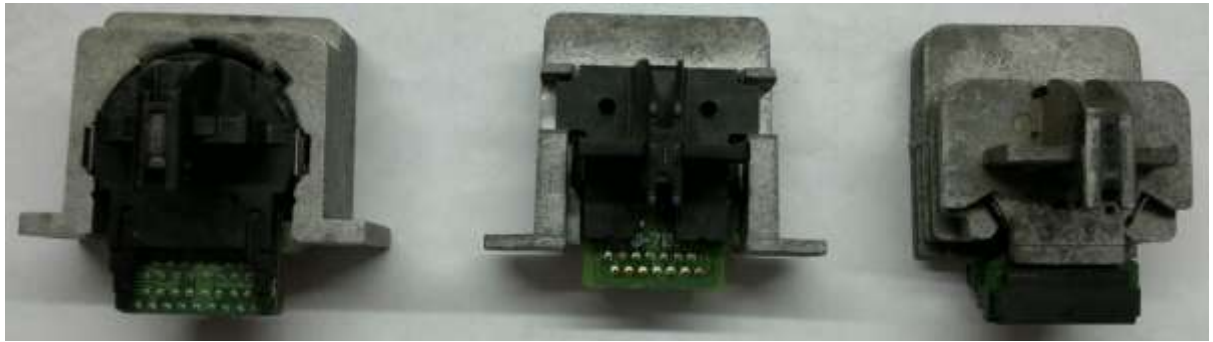
head

6. Paper sensor.

7. Tractor assembly.
8. Service manual reading.
9. Driver installation.
10. Working and fixing of components.
11. Setting of IP, IO card, ETO / Jet direct, Wi-Fi etc.

## **B. Inkjet Printer Syllabus.**

1. Introduction of Inkjet.
2. Assembly Disassembly.
3. Head cleaning unit.

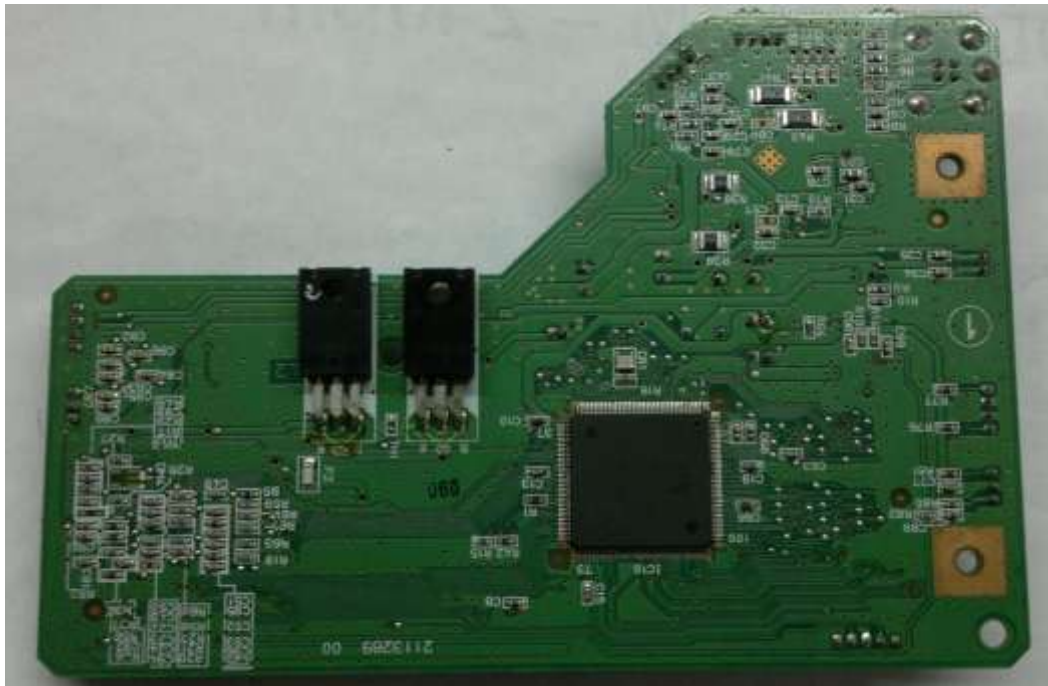


4. Manually cleaning of head using chemical.
5. Fault finding, trouble shooting.
6. Replacing trailing cable.
7. Function of encoder strip. etc..
8. Working and fixing of components.
9. Service level setting.
10. Service manual reading.

## **C. Laser Printer Syllabus.**

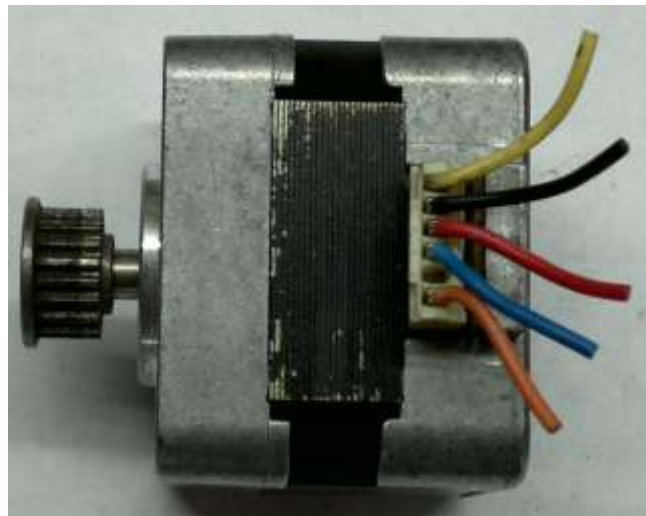
1. Introduction of Laser.
2. Assembly Disassembly.

**3. Function of laser & H.O.T, SMPS, logic board (partly).**



**4. Special Precautions & Prevention for Laser Printers.**

**5. Working and fixing of components, step motors, sensor, toner, fuser.**



**6. Setting of IP, IO card, ETO / Jet direct, Wi-Fi etc.**

**7. Fault finding, trouble shooting.**

**8. Alignment of Laser Printer.**

**9. Code identification, error code solving.**

**10. L.S.U head unit.**

**11. Motion of machine.**

**12. Printer configuration setting etc..**

**13. Testing of cartridge.**



**14. Service level setting.**

**15. Service manual reading.**

**16. Driver installation:**

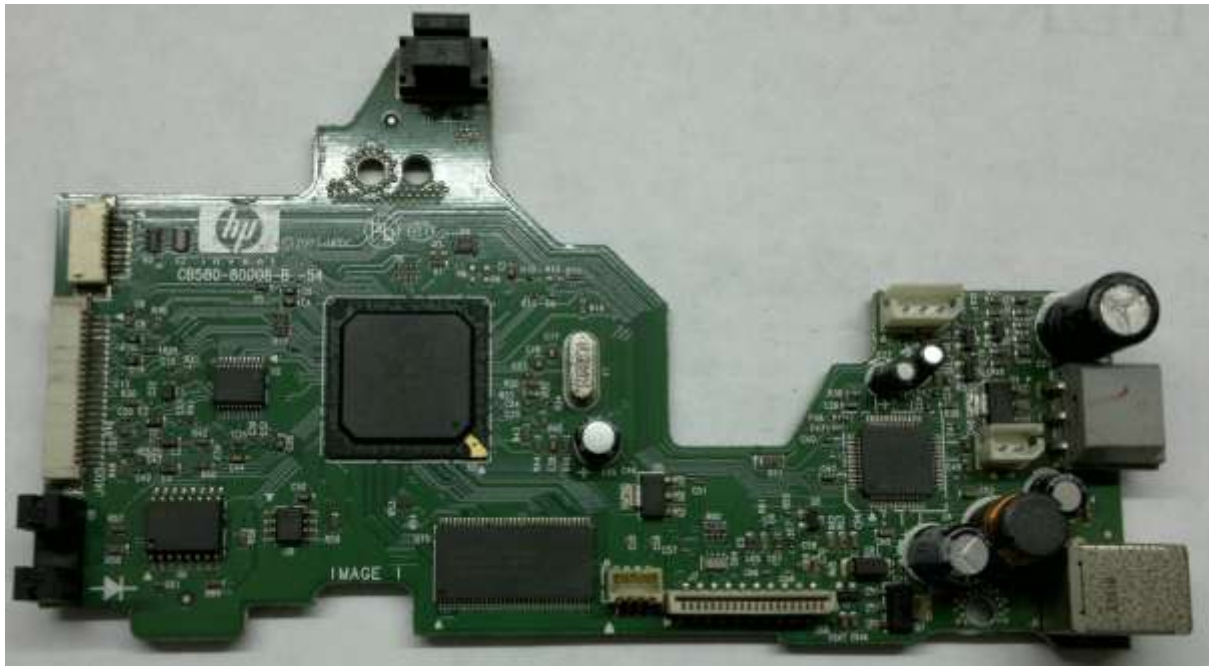
- a. Creating virtual port.
- b. Raw file format.
- c. Common Driver installing.

## **D. Multifunctional Printer Syllabus.**

- 1. Introduction of Laser.
- 2. Assembly Disassembly.
- 3. Sensor.
- 4. A.D.F (Atomic Document Feeder).
- 5. Pick up (for pulling paper.)



**6. Setting of IP, IO card, ETO / Jet direct, Wi-Fi etc.**



- 7. Fault finding, trouble shooting.**
- 8. Alignment of Printer.**
- 9. Precautions & Prevention of Printers.**
- 10. Service level setting.**
- 11. Service manual reading.**
- 12. Driver installation**
  - d. Creating virtual port.**
  - e. Raw file format.**
  - f. Common Driver installing.**

**\* Optional: Thermal Printer.**

**Two types of thermal printer.**

- a. Thermal. b. Dot Matrix thermal printer.**

**Basic tools required for printer repairing.**

**Screw driver set, pipe syringe, I.P Solution, tissue, small blower etc..**

**Thank you for reading this page.**

**Regards,**

**Oscillate Technical Institute**