

**Product Name :**  
Operational Amplifier Trainer**Product Code :**  
ALABS-A3-006**Description :****Operational Amplifier Trainer**

Practical experience on this board carries great educative value for Science and Engineering Students.

**List of experiments**

Following experiments can be performed :

**1. Basic operational amplifier circuit**

1. Inverting amplifier
2. Non-inverting amplifier
3. Inverting A.C. amplifier
4. Non-inverting A.C. amplifier

5. High input impedance inverting amplifier
6. High input impedance non-inverting amplifier

## **2. Source Followers**

1. Voltage Follower (Unit gain buffer amplifier)
2. A.C. Voltage follower

## **3. Op- Amps As Analogue Computer Elements**

1. Inverting summing amplifier
2. Non-inverting summing amplifier
3. Subtractor
4. Differential amplifier
5. A.C. differential amplifier
6. Adder subtractor
7. Multiplication by a constant
8. Division by a constant
9. Integrating amplifier for DC input signals
10. Integrating amplifier for AC input signals
11. Differentiator amplifier
12. Non-inverting differentiator

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