

## **EXPERIMENT 08**

### **Assembly Drawings**

#### **Objective:**

In this lab students will be introduced to assemble drawings which refers to the construction of individual parts of the drawing and fit (assemble) them accordingly.

#### **Equipment / Tool:**

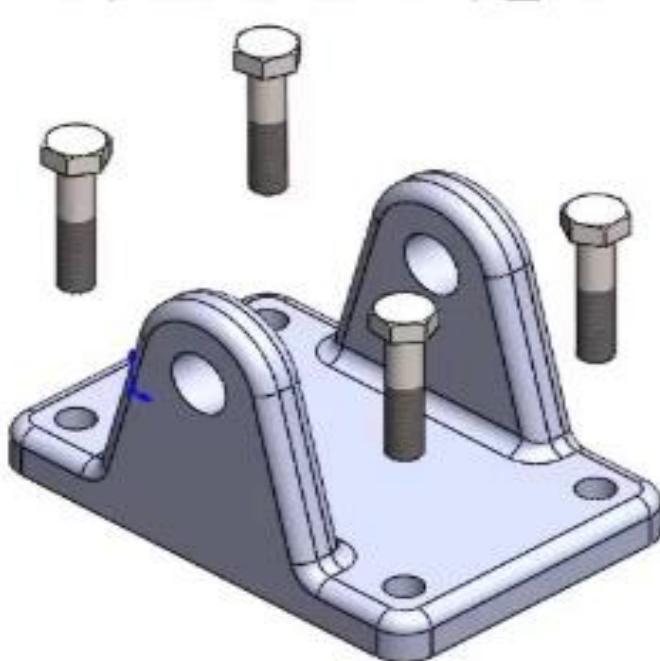
- AutoCAD 2017

#### **Background:**

Assembly drawings are the drawings that includes each and every detail of all parts and sub-assemblies of the product. It includes part details, bills of material, isolated parts drawing and when they are integrated to make a complete product (fully assembled isometric view).

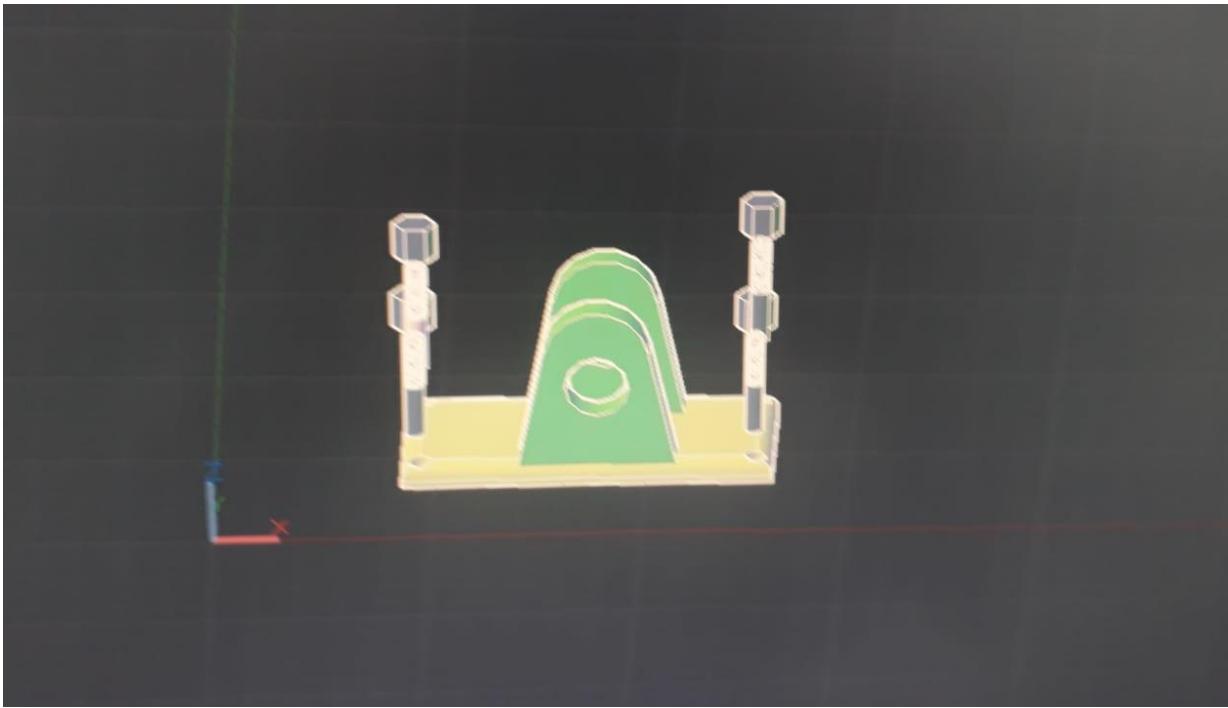
#### **Task:**

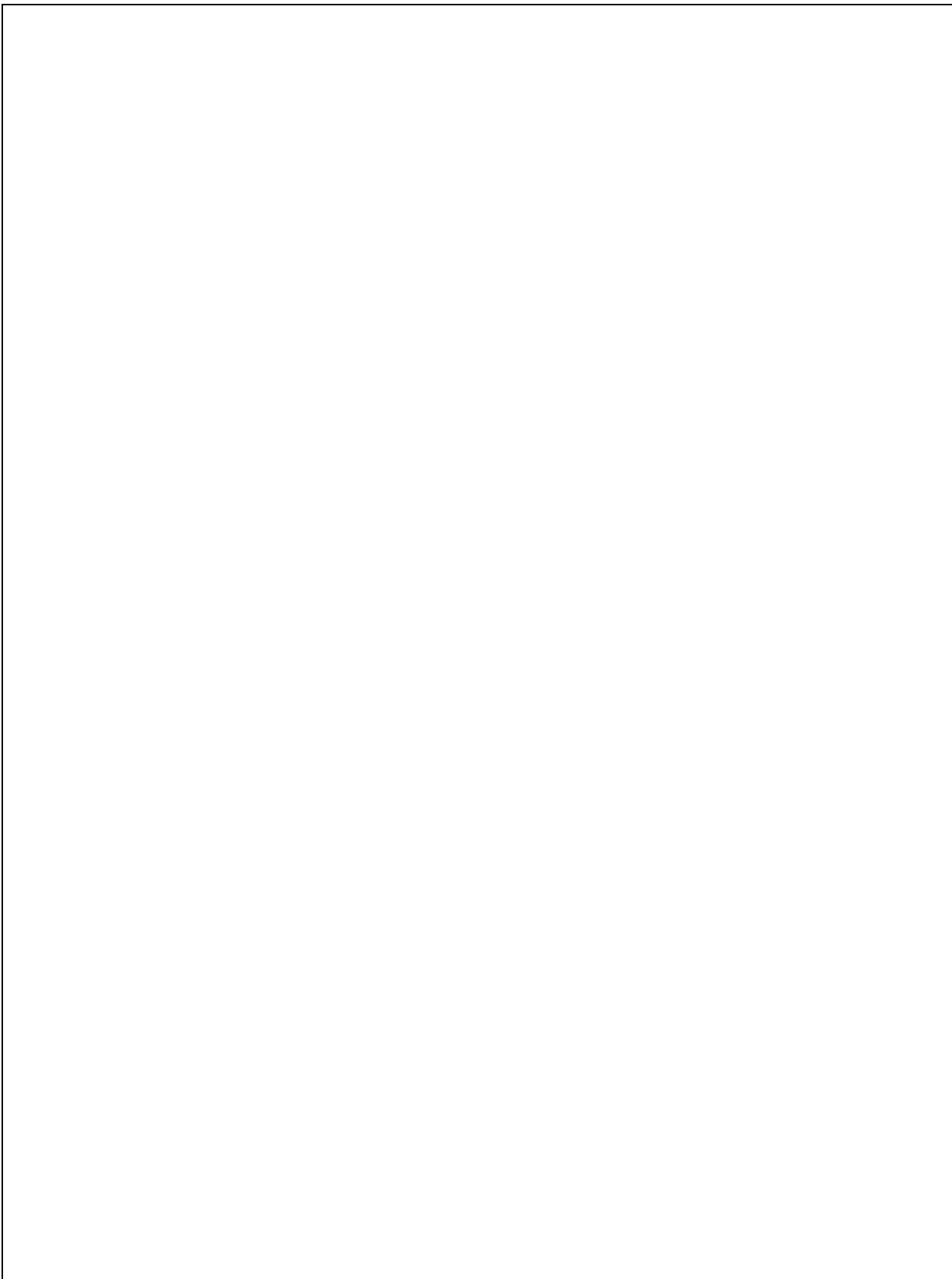
In this lab we will make the assembly drawing of the following object.



**Fig 8.1:Assembled Diagram**

## SOLUTION





**Conclusion:**

In this lab, I learned how to create and assemble individual parts into a complete assembly drawing using AutoCAD . I understood the importance of accuracy and proper alignment while fitting components together. This task improved my understanding of how different parts combine to form a complete product.