

**Development of Virtual laboratories**  
**Round 1 - Template (Hard Copy Worksheet)**

**Name of Developer:** \_\_\_\_\_

**Institute** \_\_\_\_\_

**Email id :**

**Department** \_\_\_\_\_

**Lab Submission Number** \_\_\_\_\_

**Discipline:** \_\_\_\_\_

**Name of the Lab:**

\_\_\_\_\_  
\_\_\_\_\_

**Name of experiment:** \_\_\_\_\_

\_\_\_\_\_

**Experiment Number:** \_\_\_\_\_

**FOCUS AREA :** \_\_\_\_\_

**About the Experiment :** (brief description of this experiment)

## 1. Learning Objectives

Write Learning Objectives that can be achieved using virtual labs and the respective cognitive level

S.No	Learning Objectives	Cognitive level
1.		
2.		
3.		
4.		
5.		
6.		
	Add more rows as per required	

## **2. Instructional Strategy**

**Write the Instructional Strategy you will use for the virtual lab experiment you wish to design and develop. Also describe in brief the various sections in your design aligned to the strategy.**

**Instructional Strategy:**\_\_\_\_\_

**Description of sections:**

### 3. Task & Assessment Questions

Complete the following table with details of the various tasks and assessment questions you will give to the students.

S.No.	Tasks to be performed by the students	Assessment questions aligned to the task

#### 4. Simulator Interactions

Complete the following table giving the details of the Simulator interactions.

What Simulator will do?	What students will do?	Purpose of the task