**Development of Virtual lab :Round 1 (R1) Pedagogy - Template (Worksheet)**

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**1.1 FOCUS AREA:**

Reinforcement of theoretical concepts and experimentation.

**1.2 About the Experiment:**

The objective of this experiment is to study the axial distribution of pressure and velocity of a fluid flowing through a Venturimeter and to measure the discharge through the pipe by using lab view.

**1.3 Learning Objectives:** (write in the table below)

Write Learning Objectives that can be achieved using virtual labs and the respective cognitive level, & action verbs.

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| **S.No.** | **Learning Objective** | **Cognitive Level** | **Action Verb** |
| 1 | The objective of this experiment is to study the axial distribution of pressure and velocity of a fluid flowing through a Venturimeter and to measure the discharge through the pipe by using lab view. | Thinking | Evaluvate |
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**2. Task & Assessment Questions**

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| **SrNo.** | **Learning Objective to be met** | **Tasks to be performed by the students** | **Assessment questions aligned to the task** |
| **1** | To find coefficient of disharge | enter all the required values | how to calculate coefficient of dscharge |
| **2** |  |  |  |

**3. Simulator Interaction:**

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| **What students will do?** | **What simulator will do?** | **Purpose of the task** |
| Student have to fill all the required values asked. | Simulator will calculate the required values and display it. | To find coefficient of discharge throuh Venturimeter tube. |
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