

## **BASCULE BRIDGE:**

### **ABOUT:**

An event of mechanized innovation technique that holds the design, construction and load testing of bascule bridge build with ice-cream sticks and mechanized by pulley, motor or hydraulic pumping.

### **DESCRIPTION:**

A bascule bridge is an extensive engineering design that holds the capability of allowing the passage of movement of object through the bridge median. The name comes from the French term for balance scale, which employs the same principle. Bascule bridges are the most common type of movable span because they open quickly and require relatively little energy to operate, while providing the possibility for unlimited vertical clearance for marine traffic.

### **RULES:**

Competition proceeds with team wise evaluation with 2 members in each team.

Only ice-cream sticks are to be used as the building material.

Mechanism of lift is kept in comfort and innovation of the teams.

Width of span/leaf- 15 cm, Length of each span/leaf-30cm

Height of bridge-15cm from the centre of bridge.

Bridge must bear loads, else disqualified.

