**20-02-2024**

**Exp 3:**

1.Define fin efficiency (1 m)

2. Plot temperature as a function of length for natural convection (or forced) for copper fin and aluminum / SS fin (note – both fins use the same mode of cooling) (2 m)

3. Which case (Cu or Al/SS) have higher efficiency? Why? (2 m)

**EXP 9:**

1.Draw the pool boiling curve and identify the different regimes. (2 m)

2.Is CHF a unique number for a given material? Give reasons (1 m)

3. Will CHF change with (a) diameter of the wire, (b) subcooling (2 m)