

# **SUMMARY SLIDE**

**PIYUSH et al.  
IAEA-FIP/P7-28**

## **KEY CONSIDERATIONS IN THE POWER EXTRACTION FROM FUSION REACTORS**

- Preliminary design of steam generator for ITER like 500 MW power fusion power plant with helium coolant (500<sup>0</sup>C, 8 MPa) in blanket is presented.
- Fusion reactor basic design layout considering two and four steam generators are presented.
- Net thermal efficiency of the plant is estimated and plant layout is presented.