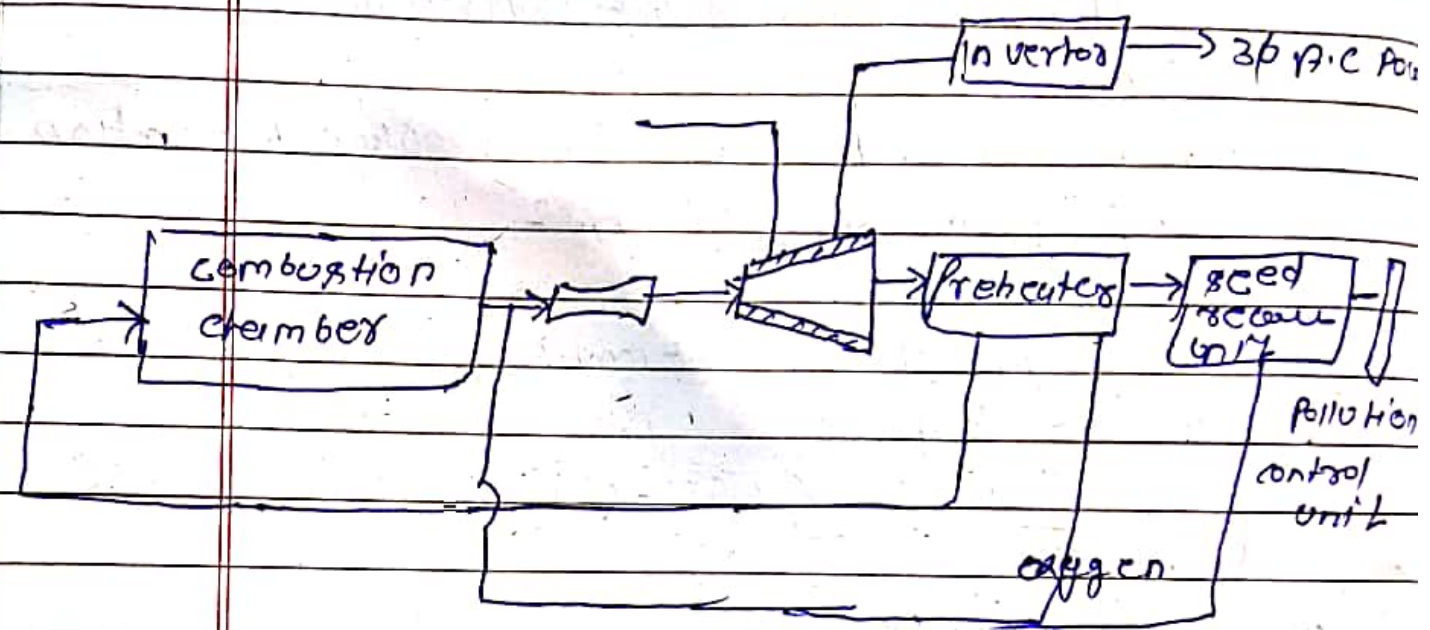
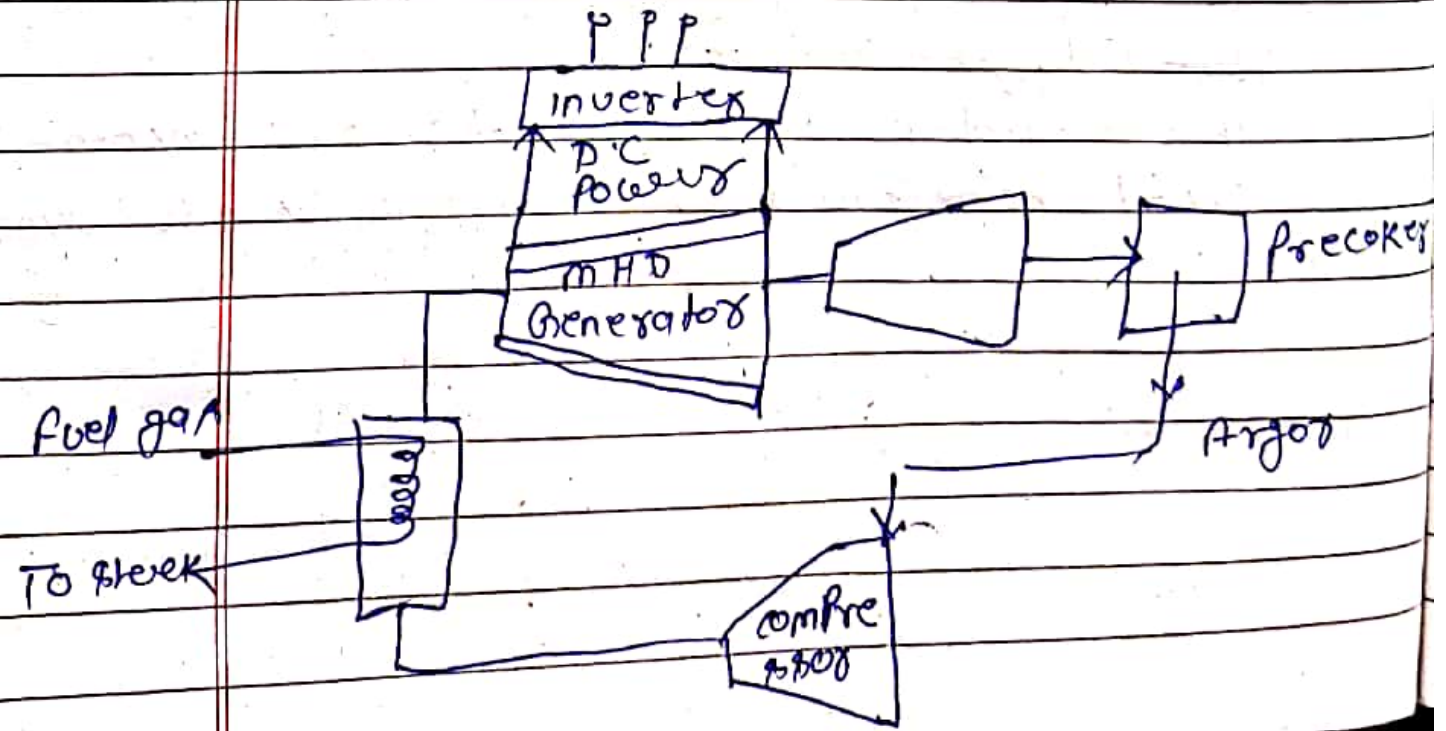


Q. open cycle MDH system

The MDH cycle system use coal as a fuel as it produces more conductive plasma.



(ii) close cycle MDH system



① Dry steam, wet steam & hot water. Geothermal Systems

- Hot Water flow: Hot water field containing a water reservoir at temp ranging $50-100^{\circ}\text{C}$
 - Such field without direct steam contact can be useful for house heating & agricultural purposes. The deepest gradient in the field is less.
 - The reservoir contain water in the liquid phase below the boiling point of water under pressure.
- The Geysers Plant of USA is the largest plant in the world today.

② Wet steam fields - The wet steam field contain pressurized water in reservoir at temp. higher than 100°C .

- When hot water at high pressure is brought to the surface, its pressure is sufficiently reduced & some water will get flashed into steam & remain in the form of boiling water.
- The resulting mixture of water & steam, such fields are said.

= Dry steam field. These fields are similar to wet, steam fields but transfer from the depth is very higher.

- These reservoir produce superheated steam directly above atm.
- The permeability of these fields is lower than wet fields.