

Passive Air Rejuvenating System (PARS)

- The device basically works on the principle of passive removal of pollutants.
- Air is passed through different layers of media beds with air purifying plants.
- The media adsorbs gaseous pollutants and also helps in arresting particulate matter.
- Air purifying plants tested by many scientists have can remove 70-80% of gaseous pollutants.
- Finally clean air released in the atmosphere

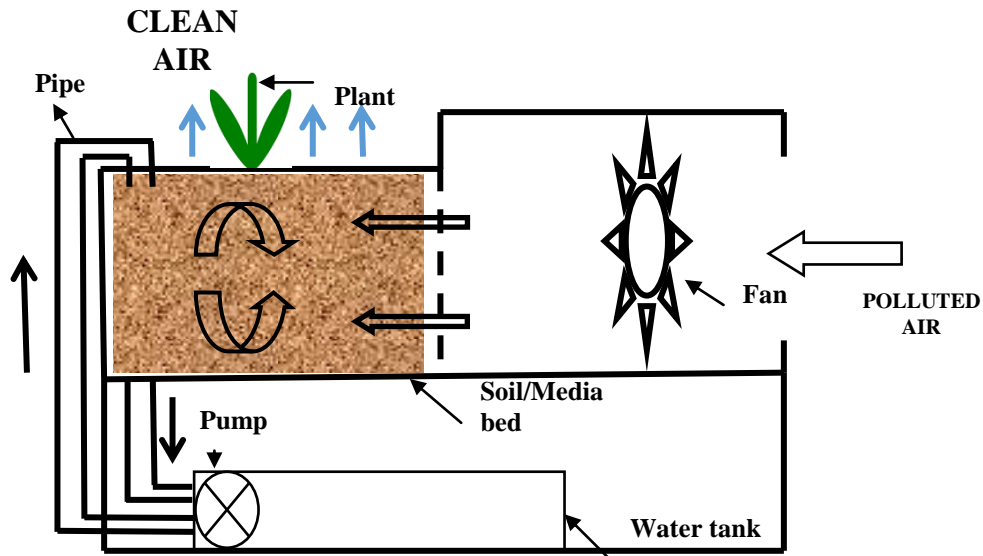
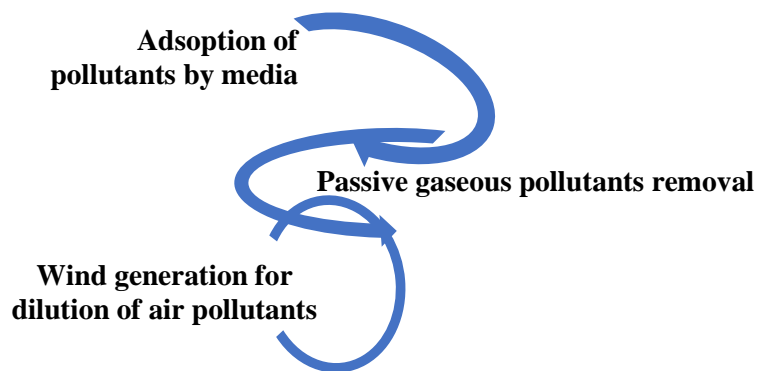


Figure: Schematic of PARS



Mechanism of PARS



Estimated Cost of Technology:

Rs. 5 lakhs license fee with 3.5% of purchase value as royalty

IPR Status: Patent applied

Salient Features

- Purifies air indoor (households, offices, industries) and outdoor (kerbside, parks, divider)
- Combination of physical, chemical and biological systems giving good efficiency at faster rate

Awards/Recognition