

Analyse the performance of India in innovation and suggest measures to improve its performance on innovation outputs.

India ranked 48th in Global Innovation Index 2020 produced by World Intellectual Property Organisation (WIPO). And 1st time in top 50 countries and 3rd among the Central Asian Nation.

* Performance of India in Innovation:

→ India ranked 48th position in Global Innovation Index, by WIPO.

⇒ India ranked 3rd among the Central Asian and South Asia.

⇒ 3rd among the lowest middle income group economies

→ Expenditure by Govt:

→ Indian Govt spends approx 0.65% of GDP for lowest among top 10 economy.

→ Contribution can be have a large share in total on Gross domestic expenditure on Research & Development (GRED) is approx 56%.

→ Govt spends the highest share of total R&D personnel (36%) and researchers (23%) among top 10 economy.

• 9% is the average for other countries in top 10.

⇒ Pvt Sector Contribution:

→ Always low from the Pvt Sector.

→ Contribution is approx. 37% of total G.R.E.D.,

30% in personnel

34% in research related activities

* Measures to improve performance:

⇒ Govt's Role:

→ to promote R & D activities at all level, (school, college, business and etc)

→ to invest more on R & D sector like ↓

(i) Defence Research & Development Organisation (DRDO) & etc

→ to promote to file patent at high level from college, universities.

⇒ Pvt. Role:

→ Can participate with Govt's activities (through fund and manpower)

→ Can sell Govt the patent for further development

Conclusion:

Innovation is the key for the development of the nation, mankind and all for all other sectors like (agriculture & etc).