

24/02/21 - 8 & 9

Scaling up investments in human and physical digital infrastructure, ~~can~~ allow India to shine in the global market for digital information technology services. Discuss.

Approx. 7000 projects are ^{in pipeline} approved ~~decide~~ for the financial year 21. and are under National Infrastructure Project. [Mentioned in Budget 2021]

Investment in human & physical Infrastructure

⇒ In human:

→ Need to Invest in Skill development:

• Govt & Pvt Schools should teach about digital from Class of 8th

→ Engineering degree to be based on research work

• Compulsory research work to be get degree

→ Basic computer skill should be

→ Need to made mandatory for students

→ Need to launche scholarship for doing Masters etc

⇒ In Physical Infrastructure:

⇒ Infrastructure:

• Govt should upgrade its building at all posts and points

• Govt ^{should} spend more on higher buildings

⇒ Research & Development:

• Govt should promote R&D more

- Govt should made mandatory to do R & D in Govt School
- Govt should provide infrastructure details in every Govt Colleges & Universities

* Funds:

- ⇒ Govt should offer funds for Govt School to self-develop
- Pvt players can be involve if they think fit to do so

Way Forward:

→ Need is to upgrade the facilities available like:

- More R & D labs
- More infrastructure
- More data storage area
- More engineers and patents

→ Need is also Increase the funds to Govt. School and Colleges (both State Govt. Schools and College Center Govt. Colleges)

→ Need to bring more Foreign Investment and foreign Scholars and experts to work and train us.

→ Need is also Increase the Minimum Education into Masters

→ Need to promote to gain Post-graduation level degree for jobs to gain