

Advancement in Science and technology is the Gateway to the Economic Prosperity of a Country

Outline

- Introduction:

Thesis statement: Stagnation in science and technology hinders economic growth, while advancements drive agricultural and industrial revolutions, enhance human capital skills and open up new development opportunities, ultimately steering a country toward prosperity.

- How can advancement in Science and technology help a country achieve economic prosperity?

(a) Technology increases yield production in the agriculture sector,

(Case study of India; Bt Cotton production)

(b) Technological advancements enhances the economies of the countries.

(Rise of Japan after experiencing a nuclear attack by USA)

- (c) Advancements in transportation with the help of technology increase trade and business.
- (d) Advancements in medical science increase the economies of the country
(Case study of India)
- (e) Helps in the implementation of e-governance models, reducing corruption, facilitating a country achieving economic prosperity
(Case study of Scandinavian countries)
- (f) Nurtures better human resources, leading to employment opportunities and an increase in remittances
- (g) Provides stability in the energy sector by using renewable source of energy, lessens imports of oil, boost the economy
(Denmark produces 67 per cent of its energy from renewable source of energy and saves billion of dollars)
- 3- Case studies of countries that reach their zenith through technology
- (a) European countries transformed after industrial revolution.

(b) Rise of China from quagmire of poverty to a rising power rests on its technology.

4- Countries lag due to their archaic society

(a) Pakistan - An under-debt country due to medieval technology

(b) Senegal - A depreciating economy due to red-tapism issues and orthodox technology.

5- Conclusion