

1. The semiconductor mission can give fillip to sustainable development of chip and display industry. explain?

The Union Government has composed a comprehensive programme for development of sustainable development of chip and display industry.

Semiconductor :-

Semiconductor has unique electric conduction behaviour. lies between conductor and insulators. Majorly made up of silicon and germanium.

Comprehensive programme :-

- Semiconductor and display industry serve as a brain and heart of electronics and communication departments.
- chips are dominated by and integral part of contemporary automobile, household gadgets and medical appliances.
- This programme will give impetus to the sustainable development of chips.
- These industries are high technology intensive, demands high capital, skilled labour etc.
- Thereby this programme is to aid and attract its develop and

explode in these industry.

India's position ::

India is highly dependent on countries for silicon procurement. ~~that~~ As silicon manufacturing is highly dominated by handful of countries like Taiwan, Japan, South Korea, US and China..

→ Through this programme India has offered high incentives for attracting more industries.

Incentives:

→ Semiconductor fabs and display Fabs - This shall extend fiscal support upto 50% of project cost.

Semiconductor laboratories - Ministry of electronics and information technology will take steps for commercialization of laboratory.

Indian Semiconductor mission - It will act as nodal agency for efficient and smooth implementation of schemes.

Fiscal support - The Union government has approved to set aside 76,000 crore to promote semiconductor and display industry.

Thus this programme will make India Strategically sound and will aid to reach 5 trillion dollar by 2025. This programme will pave way for Amanirbar Bharat.