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The country needs to make swift intervention in order to revamp its patent ecosystem. Examine.

India is home to ~~third~~ third largest startup ecosystem - 12,000 technology startups are there and are expanding to tier 2 and tier 3 cities indicating the robust intellectual property regime.

Concerns in patent ecosystem

There is long pending of processing of patent applications. In 2020 India filed 56,000 patents whereas China 15 lakh and USA - 6 Lakh.

It takes 58 months to dispose patent applications in India whereas it takes 20 months in China. As per controller general of patents the number of abandoned patents

increased by 350% from 2010-11 to 2019-20.

Industries - academia collaboration is limited only to niche sectors and the rate of commercialisation is also low. India is still in priority watch list in US' special 301 report

## Right interventions

① Increasing the human resource in Indian patent office from 860 to 2500 in next two years can increase technical manpower.

② The National Institute of Intellectual Property management must be adequately funded.

③ Granting utility patents to startups can increase patent adoption as basic requirements are less stringent and cheaper to acquire.

④ Top universities - patent filing increased from 800 to 2500 in four-years. Collaborating universities and industries can promote a win-win situation to both.

The domestic patent filing has increased than foreigners and it is bound to increase further. Patent-interventions can bring FDI, cutting edge technologies across all fronts.