



# SCIENCE AND TECHNOLOGY



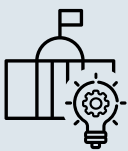
## MARKET SIZE



## SECTOR COMPOSITION



## KEY TRENDS

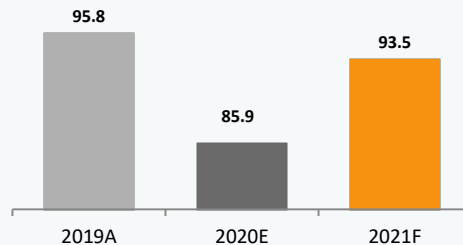


## GOVERNMENT INITIATIVES



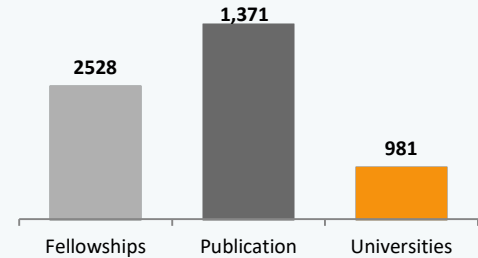
## ADVANTAGE INDIA

R&D Spending In India (US\$ billion)

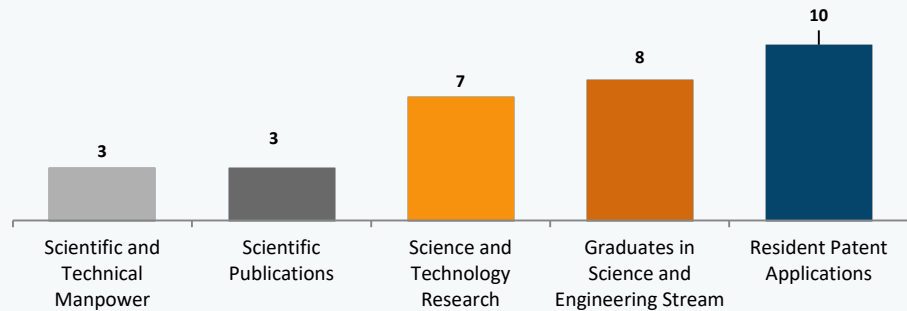


Note: F – Forecast; A – Actual

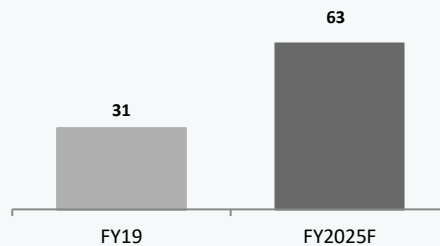
As of FY 20–21



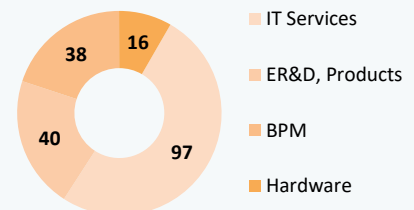
Global Rank (as of FY 18–19)



Engineering R&D and product development (US\$ billion)



Indian Technology Revenue FY20 (US\$ billion)



Indian Institutes of Information Technology Laws (Amendment) Bill, 2020

Scientific Infrastructure Building September 2020

CSIR technologies for rural development

- **Robust demand:** India's gross expenditure on R&D (GERD) has been consistently increasing over the years. As per the Economic Survey 2021, India's GERD as a percentage of GDP stood at 0.65%. Expanding middle-class and increasing affordability are demand drivers for technologically advanced products.
- **Rising Private Activity:** Establishment of CoEs in various areas. NMITLI initiative on PPP basis.
- **Policy support:** In February 2021, production linked incentive scheme for IT Hardware was approved to boost domestic manufacturing of IT Hardware.
- **Attractive opportunities:** India is the top exporter of IT products, has the third largest pharma sector and a fast-growing contract research segment.