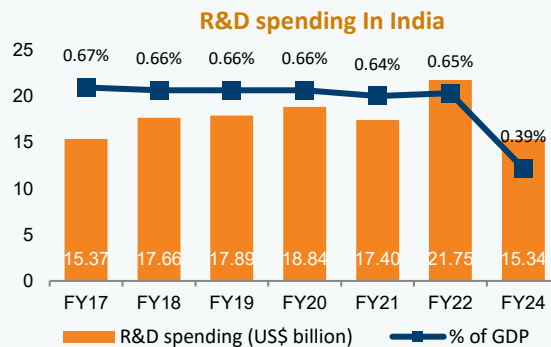




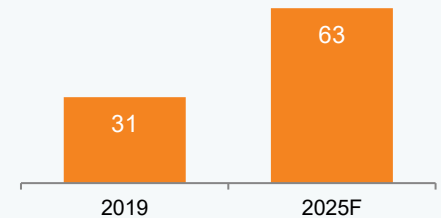
# SCIENCE AND TECHNOLOGY



## MARKET SIZE



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

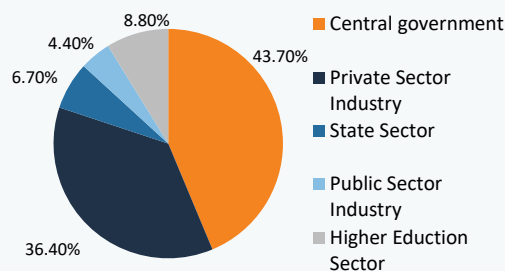


Note: F-Forecasted

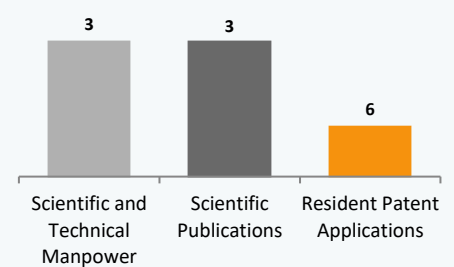


## SECTOR COMPOSITION

### Sector-wise R&D spending, 2020-21

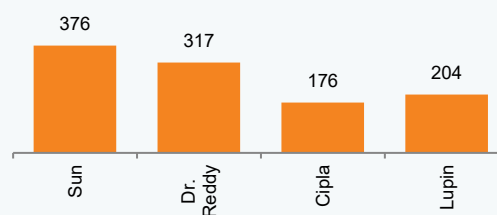


### Global Rank (2022)

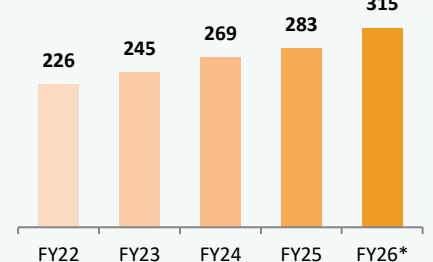


## KEY TRENDS

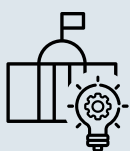
### R&D spending by top pharma companies in FY25 (US\$ million)



### Indian Technology Revenue (US\$ billion)



\*Note: Until February 2026



## GOVERNMENT INITIATIVES

**Strengthening, Upscaling & Nurturing Local Innovations for Livelihood (SUNIL) Programme, 2023**

**Technology Interventions for Disabled and Elderly (TIDE) programme, 2023**

**CSIR technologies for rural development**

**National Quantum Mission (NQM) for scientific and industrial R&D in Quantum Technology**



## ADVANTAGE INDIA

- Robust demand:** The number of space startups in India has surged from just one in 2022 to nearly 200 in 2024, representing an unprecedented 200-fold increase over this period. In 2023 alone, approximately Rs. 1,000 crore (US\$ 127.23 million) was invested in the Indian space sector within a span of about eight months.
- Rising Private Activity:** Google announced an AI hub in Visakhapatnam with investment of about US\$ 15 billion, it's largest in India, focused on AI infrastructure, data, and compute capacity.
- Policy support:** The Union Budget 2026-27 has allocated Rs. 1,000 crore (US\$ 113.69 billion) to the India Semiconductor Mission (ISM) 2.0. As of December 2025, 10 ISM projects valued at Rs. 1.60 lakh crore (US\$ 18.50 billion) have been approved across six states.
- Attractive opportunities:** India is the top exporter of IT products, has the third largest pharma sector and a fast-growing contract research segment. India's drone market could grow from US\$ 0.47 billion in 2025 to US\$ 1.39 billion by 2030 at a CAGR of 24.4%. Between 2010 and 2025, over 86,000 AI-related patents were filed in India, representing more than 25% of all technology patents in the country. The number of AI patents filed from 2021 to 2025 was seven times higher than the filings between 2010 and 2015. Of these, 63% originated in India.