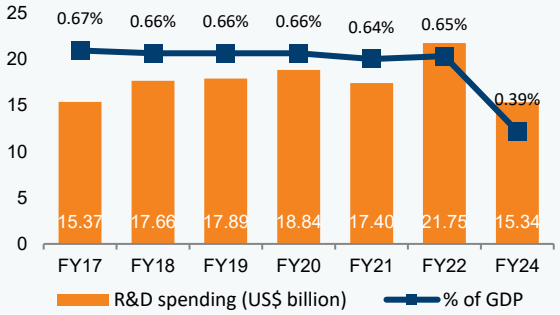
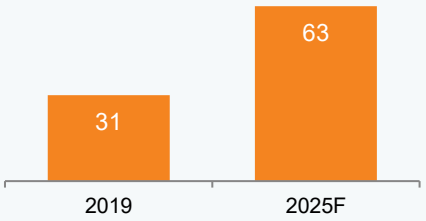
SCIENCE AND TECHNOLOGY

MARKET SIZE

R&D spending In India



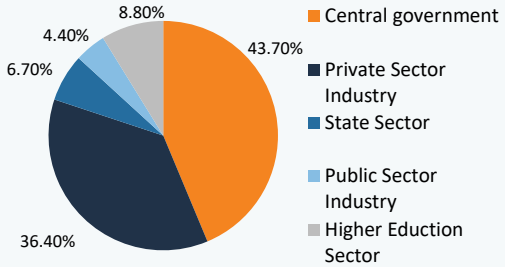
Engineering R&D and product development (US$ billion)



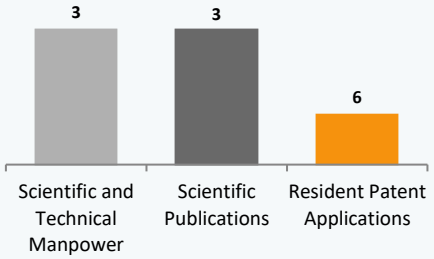
***Note:** F-Forecasted*

SECTOR COMPOSITION

Sector-wise R&D spending, 2020-21

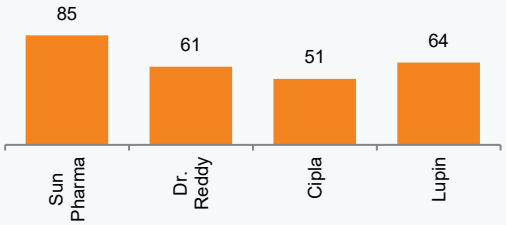


Global Rank (2022)

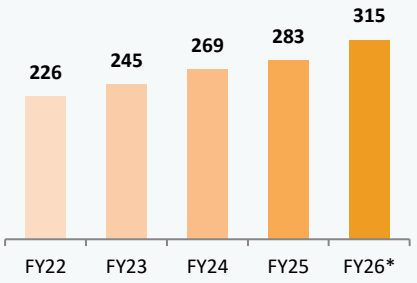


KEY TRENDS

R&D spending by top pharma companies in Q1 FY27 (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 399 as of January 2026, representing an unprecedented 400-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). As of December 2025, 10 ISM projects valued at Rs. 1.60 lakh crore (US$ 18.50 billion) have been approved across six states. Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 has trained 28.17 lakh candidates across 36 sectors in 36 States and 738 districts as on 30th June 2026.
- **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. India's cloud industry is projected to create around 14 million jobs by 2026, nearly tripling employment over a five-year period.

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