

INTELLECTUAL PROPERTY: Powerhouse for Business Growth

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People, knowledge, Innovation and Growth

- India has taken steps to increase Intellectual Property (IP) knowledge, particularly among youth.
- The National IP Awareness Mission has delivered IP training to over a million students in almost 4,000 educational institutions.
- India is also the largest single user of the WIPO Academy, our global center for IP education, training and skills building.
- Policies such as Startup India, Digital India and the Atal Innovation Mission, underscore the high priority that Prime Minister Modi, the Government of India and other key stakeholders place on creating a culture of innovation across India's business community.



IP: The Powerhouse of Business Innovation

- India is among the few economies to have established a Domestic Innovation Index. The India Innovation Index, is a powerful tool for boosting innovation performance across Indian states and union territories.
- Over the past five years, the Indian government has taken positive steps to strengthen its IPR regime as a powerhouse for innovation, such as efforts to:
 - modernize its IP offices;
 - increase manpower;
 - use IT and technology in e-filing of applications; deliver certificates of grant and registration of patents, trademarks and designs in a digital format;
 - reduce the number of trademarks forms;
 - use video conferencing for hearing of IP applications; create expedited examination procedures; and spread awareness on IP issues.



IP is Competitive Advantage



Identifying Intellectual Property: The First Step

Recognizing what can be considered intellectual property is the primary step in IP management.



Ensuring Legal Protection: Safeguarding Your Assets

This can mean filing patents for your inventions, registering trademarks for your brand identifiers, or enforcing strict confidentiality measures to protect trade secrets.





Monitoring for Infringements: Vigilance is Key

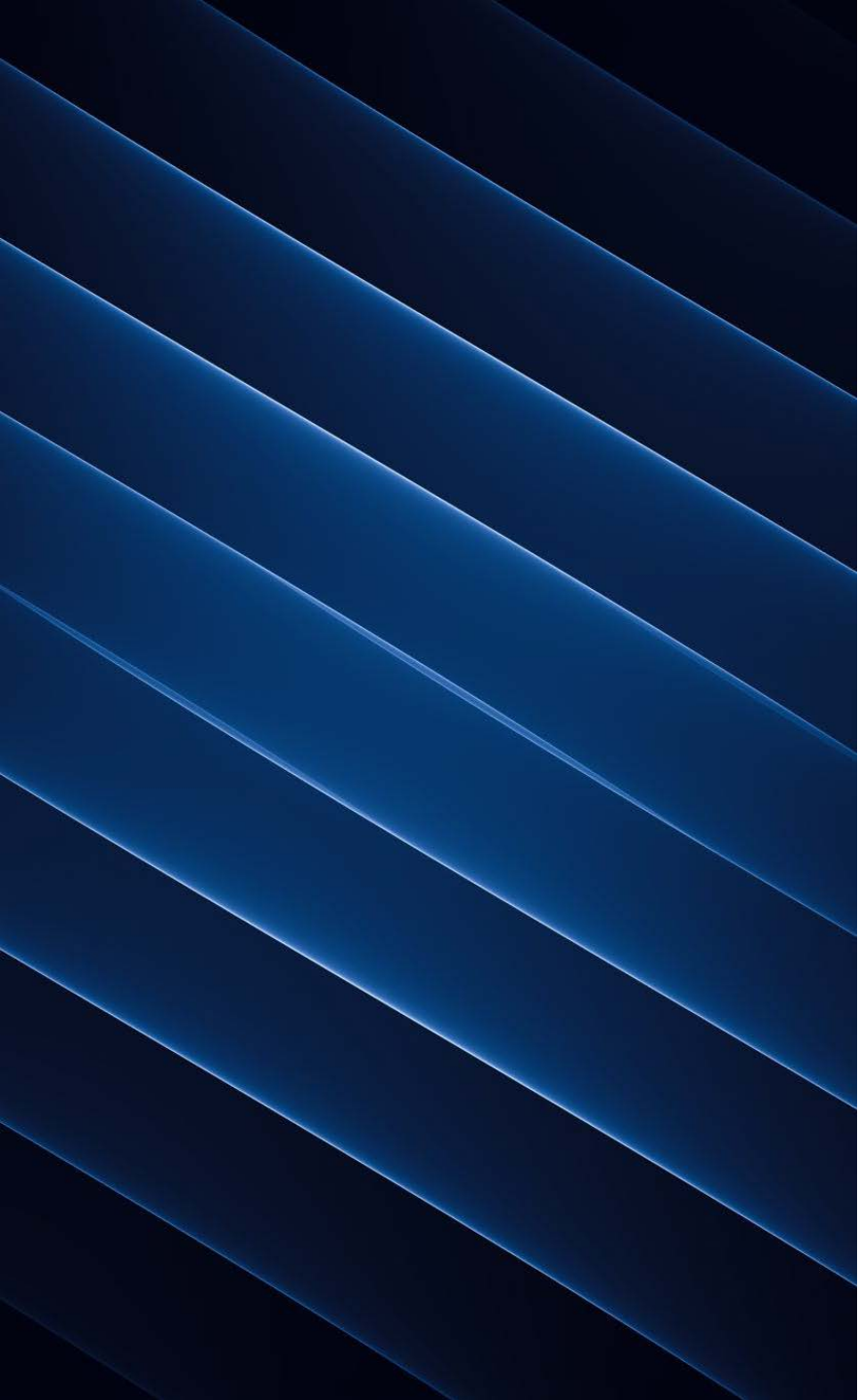
Legal protection doesn't conclude the process of IP management. Companies must actively oversee the market to detect potential infringements of their intellectual property.



Licensing and Monetization: Generating Revenue Streams

Effective intellectual property management extends to exploring avenues for licensing or monetizing IP. Licensing involves allowing another entity to use your IP in return for payment, usually in royalties.





One can protect your competitive edge and steer your business toward sustained growth by identifying, legally protecting, vigilantly monitoring, and intelligently monetizing your IP.

Intellectual property is more than just a business asset - it is a testament to your innovation, creativity, and entrepreneurial spirit. It's the silent engine powering your business towards new horizons.



Powerhouse of various Business Growth

- Developing technologies and IP's have been a key factor resulting in growth of Industries among all sectors.
- Resultantly, a constant growth in the graph of filing of IP trends can be observed across the sectors.
- Traditional businesses and practices has also adopted new technological advances in its practice to its development.



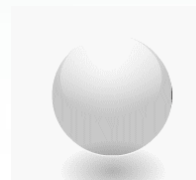
Advances in the field of Agriculture

- **Farm Automation**
- **Blockchain**
- **Geographic Information Systems (GIS) in Agriculture**
- **Regenerative Agriculture**
- **Drones**
- **Agricultural Biotechnology**
- **AI/ML & Data Science in Agriculture Technology**



Advances in field of Renewable Energy

- India is 4th globally for total renewable power capacity additions
- Proposed Solar cities and Parks
- National Green Hydrogen Mission
- Wind Solar hybrid Policy
- IPO is offering expediting examination on Green Technology.



Advances in Automobile Technology

- Car manufacturers in India have started to offer advanced driver assistance systems (ADAS) on their vehicles.
- Internet of Things (IoT) technology allows vehicles to be connected to the internet and exchange data with other devices,
- The Indian government has set a target of achieving 30% EV penetration by 2030, which has prompted car manufacturers to invest in EV technology.



Advances in E-Commerce

- **Artificial Intelligence (AI) & Machine Learning (ML)**
- **Augmented Reality (AR) & Virtual Reality (VR)**
- **Live-Stream Commerce**
- **Multiple Payment & Collection Options**
- **Enterprise Resource Planning Solutions (ERP)**

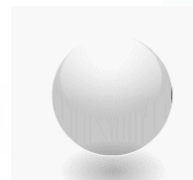


IP- is it the Powerhouse?

APPENDIX-F

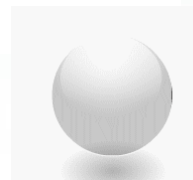
NUMBER OF PATENTS GRANTED FROM 2017-18 TO 2021-22 UNDER MAJOR FIELDS OF INVENTIONS

Field of Invention/ Year	Chemical	Pharmaceuticals	Polymer Science & Technology	Computer Science & Electronics	Communication	Electrical	Physics	Bio-Medical	Mechanical Engineering	Other Fields See Appendix-EI	Total
2017-18	3376	733	747	1028	1031	818	568	150	2514	2080	13045
2018-19	4242	761	701	1074	1414	1253	703	290	2857	1988	15283
2019-20	4848	1930	923	2141	2692	2451	1349	565	5301	2736	24936
2020-21	6074	1264	1745	2049	2857	2637	1396	703	6348	3312	28385
2021-22	4279	3317	893	2459	3238	3084	1609	982	6832	3380	30073

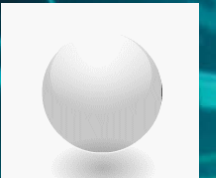


APPENDIX-F1**NUMBER OF PATENT APPLICATIONS GRANTED FROM 2017-18 TO 2021-22
UNDER VARIOUS OTHER FIELDS OF INVENTIONS**

Field of Invention/ Year	Bio- technology	Bio- Chemistry	Food	Micro- Biology	Metallurgy & Material Science	Textile	Civil	General Engineering	Agro- chemicals	Agriculture Engineering
2017-18	546	142	106	108	429	179	124	297	125	24
2018-19	457	161	76	104	272	212	155	303	215	33
2019-20	357	188	114	152	363	493	280	446	289	54
2020-21	574	236	169	151	634	443	412	378	236	79
2021-22	611	232	234	140	571	430	464	420	170	108



- IP rights serve as a catalyst for turning intellectual assets into valuable resources.
- They attract international and local investments and pave the way for a growing economy.
- Given their immense significance, IP rights should be a priority in economic development plans for the government of India as well other key governments and business leaders.



Global growth is projected at 3.1 percent in 2024 and 3.2 percent in 2025, with the 2024 forecast 0.2 percentage point higher than that in the October 2023 World Economic Outlook (WEO) on account of greater-than-expected resilience in the several large emerging market and developing economies.

World Economic Outlook Growth Projections

	ESTIMATE	PROJECTIONS	
	2023	2024	2025
<i>(Real GDP, annual percent change)</i>			
World Output	3.1	3.1	3.2
Advanced Economies	1.6	1.5	1.8
United States	2.5	2.1	1.7
Euro Area	0.5	0.9	1.7
Germany	-0.3	0.5	1.6
France	0.8	1.0	1.7
Italy	0.7	0.7	1.1
Spain	2.4	1.5	2.1
Japan	1.9	0.9	0.8
United Kingdom	0.5	0.6	1.6
Canada	1.1	1.4	2.3
Other Advanced Economies	1.7	2.1	2.5
Emerging Market and Developing Economies	4.1	4.1	4.2
Emerging and Developing Asia	5.4	5.2	4.8
China	5.2	4.6	4.1
India	6.7	6.5	6.5
Emerging and Developing Europe	2.7	2.8	2.5
Russia	3.0	2.6	1.1
Latin America and the Caribbean	2.5	1.9	2.5
Brazil	3.1	1.7	1.9
Mexico	3.4	2.7	1.5
Middle East and Central Asia	2.0	2.9	4.2
Saudi Arabia	-1.1	2.7	5.5
Sub-Saharan Africa	3.3	3.8	4.1
Nigeria	2.8	3.0	3.1
South Africa	0.6	1.0	1.3
Memorandum			
Emerging Market and Middle-Income Economies	4.2	4.0	4.0
Low-Income Developing Countries	4.0	5.0	5.6

Source: IMF, *World Economic Outlook Update*, January 2024

Note: For India, data and forecasts are presented on a fiscal year basis, with FY 2023/2024 (starting in April 2023) shown in the 2023 column. India's growth projections are 5.7 percent in 2024 and 6.8 percent in 2025 based on calendar year.



Importance of IP for Business growth in India

A strong IP legal framework will benefit India in several ways.

- It will attract capital.
- Foster innovation and creativity.
- Promotes traditional knowledge, collaboration, and Know-how.
- Enhance the benefits of International Trade.
- It will lead to the creation of good-paying jobs.





Moreover, Investors prefer businesses in countries with effective IP safeguards, as it assures investment protection.




A strong IP framework prevents unauthorized copying and is critical to the largest and most influential industries across India prone to imitation, such as pharmaceuticals, biomedical technologies, software, and entertainment.

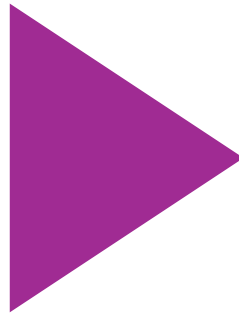


Licensing agreements safeguard these exchanges, partnerships, and collaborations, ensuring the secure transfer of knowledge and expertise. This, in turn, enhances knowledge dissemination, innovation, and technology adoption, directly boosting economic productivity and societal welfare.





Strong IP protections in today's economy, driven by knowledge and data flows, would offer India long term job opportunities and a means to resolve disputes.



Enhanced patent protections in developing countries also attract businesses from developed nations to invest in local technologies, research, and development, benefiting these emerging economies.



India's economy and global influence

- To keep growing its economy, India should continue to take steps to enhance its IP framework by:
 - updating copyright law,
 - creating a framework to protect trade secrets, and
 - enforcing these protections.
- Recent events have refocused the global economy as evidenced by the realignment of supply chains.



India stands to benefit from these developments as it expands its manufacturing base.

To ensure its success, the Indian government pursue those policies to ensure the long-term growth required to fuel future prosperity.

A growing India will benefit its citizens and contribute to global stability.



Gov Policies to support Business Growth

- Startup India Initiative

As of now, the government has recognised 114,458 startups by the Department for Promotion of Industry and Internal Trade (DPIIT).

Atal Innovation Mission (AIM)

The Atal Innovation Mission (AIM) grants approximately Rs 10 crores to finance firms over five years. This scheme can be utilised by all the emerging organisations in health, agriculture, education, transportation, etc.



- *Multiplier Grant Scheme (MGS)*

To empower collaborative research and development among industries for the growth of goods and services.

- *Dairy Entrepreneurship Development Scheme (DEDS)*

Aims to create self-employment in the dairy sector. The activities include milk production, procurement, preservation, marketing, etc.



In a recent, the Minister of Commerce & Industry has shared a milestone in the exponential growth in grant of Patents in the current year.



Thank You!

FOR YOUR ATTENTION

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