



Birth Anniversary of APJ Abdul Kalam

Why in News

Recently, the Union Education Minister has launched the **Kalam Program for Intellectual Property Literacy and Awareness Campaign** (KAPILA) on the occasion of the 89th birth anniversary of Dr APJ Abdul Kalam.

- He was **born on 15th October 1931**.

Key Points

▪ KAPILA:

- Under this campaign, students pursuing education in higher educational institutions will get **information about the correct system of application process for patenting their invention**.
 - Students in higher education institutions of the country are innovating constantly under the guidance of their teachers but they are not aware of the system of filing its patent.
- Through this campaign, **students will be able to get benefits from their inventions** by patenting them.
 - For India to become a **USD 5 trillion economy by 2024-25**, students and scientists have to be **more aware of protecting [intellectual property](#)** (IP).
- The program will **facilitate the colleges and institutions to encourage more and more students** to file patents and everyone engaged in research and development **must apply to preserve and safeguard their inventions**.

▪ Patents in India:

- **Patent:** It is the **granting of a property right by a sovereign authority to an inventor**.
 - This grant provides the inventor exclusive rights to the patented process, design, or invention for a designated period in exchange for a comprehensive disclosure of the invention.
- **Legislation:** Patent filing in India is governed by **Patents Act, 1970**.
- **Latest Updates:** In June 2020, the **[Office of the Principal Scientific Adviser](#)** to the Government of India and the **[Department of Science and Technology](#)** (DST) jointly initiated the formulation of a new national **[Science Technology and Innovation Policy](#)** (STIP 2020).
- **Patent Data:** Between 2005-06 and 2017-18, a total of **5,10,000 patent applications** were filed in India out of which **nearly three-quarters** were filed **by foreign entities or individuals**.
 - In other words, in these 13 years, just **24% of patent claims came from Indians**.
- **Global Ranking:** According to the **[World Intellectual Property Organisation](#)**

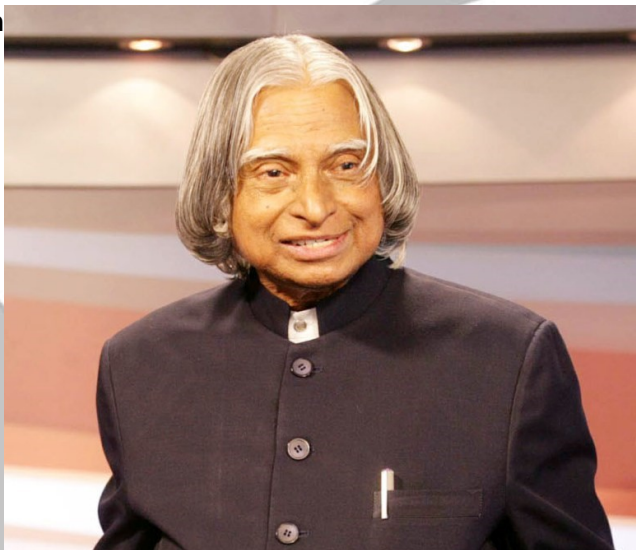
(WIPO), **India stands at the 7th position** on number of patents filed.

- China tops the list, followed by the USA and Japan.

▪ **Other Announcements:**

- The **Institution Innovation Council annual report (IIC 2.0)** was also **presented** and the launch of IIC 3.0 was announced.
 - IIC was established by the **Ministry of Education** in **2018**.
 - IIC envisions to **promote innovation in young students by encouraging, inspiring and nurturing** them to work with new innovative ideas through periodic activities related to innovation and entrepreneurship.
 - So far, IICs have been **established in about 1700 higher educational institutions** and will be established in 5000 higher educational institutions under IIC 3.0.
- It was decided to celebrate the week of 15th-23rd October as '**Intellectual Property Literacy Week**'.
 - During the week, a number of activities were organised to create online awareness about the system and the importance of the process of applying for a patent.

Avul Pakir Jainulabdeen Abdul Kalam



- **Born:** 15th October 1931 at Rameswaram, Tamil Nadu.
 - His birth anniversary is celebrated as the **National Innovation Day**.
- He was an **Indian scientist and politician** who played a leading role in the development of **India's missile and nuclear weapons programmes** like **Integrated Guided Missile Development Programme** (IGMDP).
 - He planned programmes to produce a number of successful missiles, which helped earned him the nickname "**Missile Man**".
 - In **Indian Space Research Organisation** (ISRO), he was the project director of the **SLV-III, India's first indigenously designed and produced satellite launch vehicle**.
- In 1998, he put forward a countrywide plan called **Technology Vision 2020**, which he described as a **road map for transforming India** from a less-developed to a developed society in 20 years.
 - The plan called for, among other measures, **increasing agricultural productivity, emphasising technology as a vehicle for economic growth, and widening access to health care and education**.
- He was sworn in as **India's 11th President in 2002** and completed the **full term in 2007**.
- **Literary Works:** Wings of Fire (autobiography), India 2020 - A Vision for the New Millennium, Ignited Minds - Unleashing the power within India, etc.
- **Awards:** Among his numerous awards were two of the country's highest honours, the **Padma Vibhushan** (1990) and the **Bharat Ratna** (1997).

- **Death:** 27th July 2015 at Shillong, Meghalaya.

Source: PIB

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