

## AI and Copyrights

- U.S. Supreme Court in the Andy Warhol Foundation for the Visual Arts Inc. versus Goldsmith et al. has added more unpredictability to the process of being exempted from copyright infringement liabilities.
- The judgment is set to have implications for how we regulate a powerful form of artificial intelligence.



- **What is the AWF case?**
  - Known for her concert and portrait shots, Lynn Goldsmith photographed the famous musician Prince in 1981.
  - One of those photos was licensed in 1984 to Vanity Fair magazine for use as an “artist reference”.
  - The license specifically said the illustration could appear once as a full-page element and once as a one

quarter page element, in the magazine’s 1984 November issue

- Mr. Warhol additionally created 13 screen prints and two pencil sketches

### What did the courts find?

- First, a district court summarily ruled in favor of the AWF, opining that Mr. Warhol’s use of Ms. Goldsmith’s photo constituted fair use. The court banked on the first factor and held that Mr. Warhol’s work was “transformative” as they “have a different character, give Goldsmith’s photograph a new expression, and employs new aesthetics with creative and communicative results distinct from Goldsmith’s

### How does this affect generative AI?

- While this dispute arose in the context of the use of a photograph as an artistic reference, the implications of the court’s finding are bound to ripple across the visual arts at large.
- The majority position could challenge the manner in which many generative artificial intelligence (AI) tools, such as ChatGPT4, Midjourney, and Stable Diffusion, have been conceived. These models’ makers ‘train’ them on text, photos,

and videos strewn around the internet, copyrighted or not

### **What about the implications of Indian copyright law?**

- There may not be any direct implications for Indian copyright law, as the framework of exceptions here is different.
- India follows a hybrid model of exception in which fair dealing with copyrighted work is exempted for some specific purposes under Section 52(1)(a) of the Copyright Act 1957. India also has a long list of enumerated exceptions.

judiciary, justice, a preamble goal, would remain illusory. The district judiciary is, in most cases, also the court which is most accessible to the litigant



- “This doctrine is only the logical conclusion of separation of powers and ensures that the independence of the judiciary is secured.

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#### **Independence of the judiciary**

- The Supreme Court has held that the independence of district judiciary is part of the basic
- Structure of the Constitution and judicial independence from the executive and the legislature requires the judiciary to have a say in matters of finances.
- “The independence of the district judiciary must also be equally a part of the basic structure of the Constitution. Without impartial and independent judges in the district

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#### **Sengol**

- The sengol will be presented to the prime minister after this revered ceremony and placed in a glass case next to the speaker's seat in the house.

#### **Traditional chola practice**

- It was a traditional Chola practice for samayacharyas (spiritual leaders) to lead the coronation of kings and sanctify the transfer of power, which is also considered a kind of recognition for the ruler
- The single ceremony seemingly took place minutes before India's first

Prime Minister Jawaharlal Nehru hoisted the national flag and made his famous “tryst with destiny” speech on August 15, 1947. It had been kept at his Prayagraj residence-turned-museum till now.

- Sacred sengol-vesting model of Chola kings of Tamil Nadu for transfer of power from the British to Indians. The then prime minister had been handed over the sengol with the Nandi (bull deity) finial amid the singing of the sacred Tamil text Thuvaram symbolic of divine blessings and command to rule justly and fairly.



- They found that the golden scepter was studded with jewels and worth ₹15,000 at that time and was made by Numidia Bangura Chetty and Sons, jewelers and diamond merchants of Chennai.

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## Supercomputing

- India is set to dramatically scale up its supercomputing prowess and install an 18-petaflop system over the course of this year, Earth Sciences Minister Kiren Rijiju said on Wednesday.
- Flops (floating point operations per second) are an indicator of the processing speed of computers and a petaflop refers to 1,000 trillion flops.
- Processing power to such a degree greatly eases complex mathematical calculations required, for, among other things, forecasting how the weather will be over the next few days all the way up to two or three months ahead.
- Currently India’s most powerful, civilian supercomputers Pratyush and Mihir with a combined capacity of 6.8 petaflops are housed at the Indian Institute of Tropical Meteorology, Pune, and the National Centre for Medium-Range Weather Forecasting (NCMRWF), Noida, respectively



reproducing a different decade. Intended as a way to help people with dementia unlock their memories, it soon becomes a magnet for people eager to escape the modern.

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- The fastest high-performance computing system in the world is currently the Frontier Cray system at Oakridge National Laboratory, United States. This has a peak speed of one exa-flop (or about 1,000 petaflops).

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#### **Booker prize**

- Bulgarian writer Georgi Gospodinov and translator Angela Rodel won the International Booker Prize on Tuesday for *Time Shelter*, a darkly comic novel about the dangerous appeal of nostalgia World.



- *Time Shelter* imagines a clinic that recreates the past, with each floor