

Current Affairs

April 16

1. “Nanostitches” enable lighter and tougher composite materials *Source:* Massachusetts Institute of Technology
<https://news.mit.edu/2024/nanostitches-enable-lighter-and-tougher-composite-materials-0416>
2. A single atom layer of gold – LiU researchers create goldene *Source:* Linköping University
<https://liu.se/en/news-item/ett-atomlager-guld-liu-forskare-skapar-gulden>
3. Magnetism boosts hydrogen production in model catalysts *Source:* University of Twente
<https://www.utwente.nl/en/news/2024/4/1459342/magnetism-boosts-hydrogen-production-in-model-catalysts>
4. NASA’s Fermi Mission Sees No Gamma Rays from Nearby Supernova *Source:* NASA
<https://science.nasa.gov/missions/fermi/nasas-fermi-mission-sees-no-gamma-rays-from-nearby-supernova/>
5. ISRO Develops Lightweight Carbon-Carbon Nozzle for Rocket Engines, Enhancing Payload Capacity
Source: ISRO
https://www.isro.gov.in/ISRO_Develops_Lightweight_Carbon_Carbon_Nozzle_for_Rocket_Engines.html
6. RBI directs payment aggregators to undertake due diligence of merchants on boarded *Source:* The Economic Times
<https://economictimes.indiatimes.com/industry/banking/finance/banking/rbi-directs-payment-aggregators-to-undertake-due-diligence-of-merchants-on-boarded/articleshow/109353526.cms?from=mdr>
7. How generative AI can navigate misinformation and disinformation *Source:* INNOVATION NEWS NETWORK
<https://economictimes.indiatimes.com/industry/banking/finance/banking/rbi-directs-payment-aggregators-to-undertake-due-diligence-of-merchants-on-boarded/articleshow/109353526.cms?from=mdr>
8. Whales and dolphins now have legal personhood in the Pacific – but one treaty won’t be enough to protect them *Source:* The Conversation
9. Austin speaks with Chinese counterpart in first at-length conversation since 2022 *Source:* CNN
<https://edition.cnn.com/2024/04/16/politics/austin-china-call/index.html>
10. Germany's economy remains the most distressed in Europe *Source:* Euronews
<https://www.euronews.com/business/2024/04/16/germanys-economy-still-seen-to-be-suffering-the-most-in-europe>

Today In *History*

Find Out What happened On April 16

Important events of April 16

- *World Voice Day*
- *Indian Railway Transport Day (1853)*
- *NCC Foundation Day*

- **1853:** *Boribunder to Thane passenger train service started for the first time in India.*
- **1917:** *Rebellion of soldiers and formation of temporary government in Russia. Czar Nicholas II left the throne.*
- **1919:** *M. K. Gandhi announced a fast to pay tribute to those who died in the Jallianwala Bagh massacre.*
- **1948:** *Establishment of the National Students Union (NCC).*
- **1972:** *Apollo 16 launched from Cape Canaveral, Florida.*
- **1999:** *A ground-to-air Trishul missile tested at Chandipur, India.*
- **1853:** *The first train in India ran between Mumbai and Thane.*
- **1917:** *Uprising of Russian soldiers in Petrograd.*
- **1919:** *To pay tribute to those who died in the Jallianwala Bagh massacre, Gandhiji announced a fast on this day.*
- **1922:** *An agreement was signed between Germany and Russia in Italy, which is called the Treaty of Rapallo.*
- **1925:** *The church in Sofia was attacked, killing about 150 people.*
- **1945:** *A Soviet submarine sank a German refugee ship, killing 7,000 people.*
- **1945:** *During World War II, American forces entered the Nuremberg area of Germany.*
- **1945:** *The Red Army began the Battle of Berlin.*
- **1970:** *70 people died in the snowstorm that hit the European country France.*
- **1980:** *America conducted nuclear testing in Nevada.*
- **1992:** *Afghanistan President Najibullah resigned.*
- **1999:** *Abdelaziz Bouteflika was appointed the new President of Algeria.*
- **2002:** *120 passengers died in a plane crash in South Korea.*

- 2008:** *The statue of Father of the Nation Mahatma Gandhi was unveiled in London.*
- 2013:** *An earthquake in Iran killed 37 people.*

Famous People born on April 16

- 1162:** *Genghis Khan, the founder and first Great Khan and Emperor of the Mongol Empire.*
- 1848:** *Kandukuri Veeresalingam, an Indian social reformer and writer.*
- 1867:** *Wilbur Wright, an American engineer who invented the engine aircraft with Orville Wright.*
- 1889:** *Charlie Chaplin, an English comic actor, filmmaker, and composer.*
- 1942:** *Frank Williams, a British businessman, former racing car driver, and mechanic.*
- 1969:** *S. Sowmya, a Carnatic music singer.*
- 1978:** *Lara Dutta, an Indian actress, entrepreneur, and the winner of the Miss Universe 2000 pageant.*