

## 04/06/2026 Daily Current News

### 1. *Varahaneri Venkatesa Subramaniam Aiyar:*

Context: The Vice President of India, Shri C. P. Radhakrishnan, paid his respectful tributes to distinguished freedom fighter, scholar and writer, Shri V. V. S. Aiyar, on his death anniversary at Uprashtrapati Bhavan today.

#### About Varahaneri Venkatesa Subramaniam Aiyar:

- ❖ V. V. S. Aiyar was born on 2 April 1881 in Tamil Nadu.
- ❖ He was a prominent Indian revolutionary who fought against British colonial rule.
- ❖ He advocated militant resistance against the British rather than moderate methods.
- ❖ His contemporaries included Subramania Bharati and V. O. Chidambaram Pillai.
- ❖ He interacted and exchanged revolutionary ideas with V. D. Savarkar at India House.
- ❖ He studied law and was associated with Lincoln's Inn in London.
- ❖ In 1910, the British government issued a warrant for his arrest due to alleged involvement in revolutionary conspiracies.
- ❖ To evade arrest, he resigned from Lincoln's Inn and fled to Paris.
- ❖ Later, he secretly entered Pondicherry (then under French rule) on 4 December 1910, disguised as a Muslim.
- ❖ He lived in exile in Pondicherry for more than ten years.
- ❖ During exile, he worked closely with Sri Aurobindo and Subramania Bharati.
- ❖ Aiyar was associated with the revolutionary plot against Robert William d'Escourt Ashe.
- ❖ His disciple Vanchinathan assassinated Ashe in 1911.
- ❖ After the bombardment of Madras by the German cruiser SMS Emden in 1914, British authorities suspected the Pondicherry revolutionaries.
- ❖ The French authorities investigated Aiyar and his associates but failed to secure convictions.
- ❖ During exile, he translated the Tirukkural into English, intending to leave a literary legacy.
- ❖ After World War I, he returned to Madras and became editor of the newspaper Desabhaktan (Patriot).
- ❖ In 1921, he was arrested on sedition charges and imprisoned for nine months.
- ❖ While in prison, he wrote A Study of Kamba Ramayana.
- ❖ Aiyar is regarded as the father/founder of the modern Tamil short story.
- ❖ He produced the first complete English translation of the Tirukkural by a native Indian scholar.
- ❖ He also translated Kamba Ramayanam into English.
- ❖ Along with Shuddhananda Bharati, he established the Bharadwaja Ashram at Cheranmadevi.
- ❖ During the Non-Cooperation Movement, he founded the Cheranmadevi Gurukulam with support from the Tamil Nadu Congress.
- ❖ A caste discrimination controversy in the Gurukulam (separate dining for Brahmin and non-Brahmin students) contributed to Periyar E. V. Ramasamy leaving the Indian National Congress in 1925 and joined the Justice Party.

## **2. *Scheme for support to NCRPB for replacement of old trucks and buses in Delhi-NCR area:***

Context: Cabinet approves Scheme for support to NCRPB for replacement of old trucks and buses in Delhi-NCR area

### **About Scheme for support to NCRPB for replacement of old trucks and buses in Delhi-NCR area:**

- ❖ The Union Cabinet approved a two-year scheme to reduce air pollution in the Delhi–NCR region and promote cleaner transportation.
- ❖ The scheme will be funded through the National Capital Region Planning Board under the Ministry of Housing and Urban Affairs.
- ❖ It will be implemented by the Ministry of Road Transport and Highways and the Ministry of Petroleum and Natural Gas.
- ❖ The scheme covers the Delhi–NCR region in collaboration with Delhi, Haryana, Rajasthan, and Uttar Pradesh.
- ❖ Total financial outlay: ₹9,585 crore. Central Government contribution: ₹5,041 crore. Estimated State tax concessions: ₹1,601 crore.
- ❖ Targets trucks and buses registered in Delhi–NCR that comply with BS-IV or older emission norms.
- ❖ Encourages replacement of old vehicles with BS-VI-compliant vehicles or Electric Vehicles (EVs).
- ❖ Aims to accelerate the adoption of cleaner transport technologies.
- ❖ Seeks to significantly reduce vehicular emissions in Delhi–NCR.
- ❖ Provides 5% interest subvention on vehicle replacement loans for five years.
- ❖ Offers monthly fuel vouchers up to ₹4,800, depending on vehicle category.
- ❖ Provides lump-sum incentives for purchasing EVs.
- ❖ Also offers incentives through Certificate of Deposit (CoD) trading.
- ❖ State governments will waive registration fees for replacement vehicles.
- ❖ States will provide up to 100% motor vehicle tax concession on new vehicles for 10 years.
- ❖ States will provide a 50% motor vehicle tax concession on eligible used vehicles for 10 years.
- ❖ Pending liabilities on old vehicles participating in the scheme will be waived by State Governments.
- ❖ The scheme supports India's clean mobility, emission reduction, and sustainable urban transport objectives.

## **3. *Dark Patterns on Digital Platforms:***

Context: The Central Consumer Protection Authority (CCPA), headed by Chief Commissioner Smt. Nidhi Khare and Commissioner Shri Anupam Mishra, has imposed penalties on PhysicsWallah Limited and McAfee Software India Private Limited for using dark pattern practices that misled consumers and influenced their choices on digital platforms.

### **More details:**

- ❖ The Central Consumer Protection Authority took suo motu cognizance of alleged dark patterns on the platforms of PhysicsWallah Limited and McAfee Software India Private Limited.
- ❖ CCPA found that certain interface designs influenced consumers and affected their ability to make free and informed choices.
- ❖ On the PhysicsWallah platform, a ₹10 donation to the PW Foundation was automatically added during checkout.
- ❖ The donation was pre-selected and included in the payable amount without explicit consumer consent.
- ❖ Users were shown emotional messages related to children's education, healthcare, and marriages to encourage keeping the donation selected.
- ❖ CCPA identified Basket Sneaking in PhysicsWallah's checkout process due to the automatic addition of the donation.
- ❖ It also identified Confirm Shaming, as emotional messages discouraged users from opting out of the donation.
- ❖ PhysicsWallah allegedly required users to provide personal information before accessing courses advertised as free. This practice was classified as Forced Action.
- ❖ In McAfee's subscription renewal process, users were prominently shown the options "Renew Now" and "Accept Risk."
- ❖ The wording implied that not renewing the subscription was an unsafe or irresponsible choice.
- ❖ CCPA classified this as Confirm Shaming because it induced guilt or fear for choosing not to renew.
- ❖ The renewal option received greater visual prominence, amounting to Interface Interference.
- ❖ The phrase "Accept Risk" was considered a Trick Question because it used emotionally loaded and non-neutral language.
- ❖ McAfee was also found to employ Forced Action by not providing a clearly visible and neutral opt-out choice for consumers.



## DARK PATTERNS ON DIGITAL PLATFORMS

CCPA imposes penalties on PhysicsWallah Limited and McAfee Software India Private Limited for misleading consumers and using dark pattern practices.



Smt. Nidhi Khare  
Chief Commissioner



Shri Anupam Mishra  
Commissioner

**CCPA** took suo motu cognizance of alleged dark patterns on the platforms of PhysicsWallah Limited and McAfee Software India Private Limited.

**CCPA** found that certain interface designs influenced consumers and affected their ability to make free and informed choices.

**CCPA** imposed penalties on both companies for violating consumer rights through unfair trade practices using dark pattern techniques.

### PHYSICSWALLAH LIMITED

#### 1. BASKET SNEAKING

A ₹10 donation to the PW Foundation was automatically added during checkout. The donation was pre-selected and included in the payable amount without explicit consumer consent.

**Order Summary**

Course Price ₹499

☒ Donate ₹10 to PW Foundation

Total Payable ₹509

Help children get access to education, healthcare and support for their better future.

#### 2. CONFIRM SHAMING

Emotional messages related to children's education, healthcare, and marriages were shown to encourage keeping the donation selected and discourage opting out.

"Your small contribution can bring a big change in a child's life. Support their education, healthcare and help build a better tomorrow."

#### 3. FORCED ACTION

Users were required to provide personal information before accessing courses advertised as free.

Start Learning for Free

Full Name:

Mobile Number:

Email ID:

CONTINUE TO ACCESS FREE COURSE

Access to the free course is locked until personal information is provided.

**CCPA Findings:** PhysicsWallah used Basket Sneaking, Confirm Shaming and Forced Action, which misled consumers and violated their rights.

### McAfee SOFTWARE INDIA PRIVATE LIMITED

#### 1. CONFIRM SHAMING

The options "Renew Now" and "Accept Risk" implied that not renewing the subscription was an unsafe or irresponsible choice by inducing guilt or fear.

Your subscription is ending soon. Your device may be at risk without active protection.

**RENEW NOW**

**ACCEPT RISK**

By choosing Accept Risk, your device may be vulnerable to threats.

Don't take a risk with your online safety and the safety of your family. Renew now to stay protected.

#### 2. INTERFACE INTERFERENCE

The "Renew Now" option was given greater visual prominence (bigger size, bright color), influencing consumers to choose it.

**RENEW NOW** vs. **ACCEPT RISK**

#### 3. TRICK QUESTION

The phrase "Accept Risk" used emotionally loaded and non-neutral language.

**ACCEPT RISK**

Are you sure you want to put your device and data at risk?

#### 4. FORCED ACTION

McAfee did not provide a clearly visible and neutral opt-out choice. There was no easy, prominent option like "No, Thanks" or "Do Not Renew".

Lack of clear opt-out choice violates consumer rights.

**CCPA Findings:** McAfee used Confirm Shaming, Interface Interference, Trick Question and Forced Action, misleading consumers and violating their rights.

**CCPA'S MESSAGE**

Consumers have the right to make free, informed and voluntary choices.

Dark patterns undermine consumer rights and will attract strict action.

Digital platforms must ensure transparent, fair and ethical interface practices.

#### 4. *Small interfering RNA (siRNA):*

Context: Scientists from Pune have reported a gene-silencing strategy that can drive effective tumor inhibition in breast cancer, highlighting its potential as next-generation precision nanomedicine.

##### **More details:**

- ❖ Scientists from Agharkar Research Institute, Pune developed an innovative biodegradable nanocarrier platform for targeted breast cancer gene therapy.
- ❖ ARI is an autonomous institute under the Department of Science and Technology.
- ❖ The technology is designed to deliver small interfering RNA (siRNA) specifically to breast cancer cells.
- ❖ siRNA is a double-stranded non-coding RNA molecule that regulates gene expression.
- ❖ siRNA binds to complementary messenger RNA (mRNA) and triggers its degradation.
- ❖ This gene-silencing process is known as RNA interference (RNAi). RNAi prevents the translation of specific genes into proteins.
- ❖ The nanocarrier is based on biodegradable mesoporous silica nanoparticles.
- ❖ Mesoporous silica nanoparticles possess high drug-loading capacity and tunable surface chemistry.
- ❖ These nanoparticles enable efficient delivery of therapeutic siRNA molecules.
- ❖ The nanocarrier was functionalized with the protamine biopolymer to improve siRNA delivery.
- ❖ Researchers also attached an MUC1-specific aptamer for precise tumor targeting.
- ❖ MUC1 receptors are overexpressed on many breast cancer cells.
- ❖ The MUC1-targeting strategy enhances uptake of the therapeutic agent by cancer cells.
- ❖ The system reduces off-target effects, a major limitation of conventional cancer therapies.
- ❖ The platform offers a promising approach for precision medicine and targeted breast cancer treatment.

#### 5. *Navachar Mantra:*

Context: Union Minister Shri Jayant Chaudhary Launches 'Navachar Mantra', a National Initiative for Grassroots Innovators and Entrepreneurs.

##### **About Navachar Mantra:**

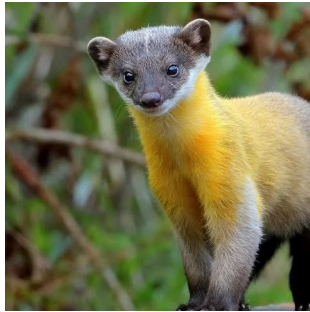
- ❖ Navachar Mantra is a national initiative launched by the Ministry of Skill Development and Entrepreneurship to promote grassroots entrepreneurship and innovation.
- ❖ The programme is implemented by the National Institute for Entrepreneurship and Small Business Development.
- ❖ The Foundation for Innovation and Technology Transfer serves as the Technical Knowledge Partner.
- ❖ The initiative aims to identify, nurture, and support promising grassroots innovators and early-stage entrepreneurs across India.
- ❖ It focuses particularly on innovators from Tier-2 and Tier-3 cities, aspirational districts, and underserved regions.

- ❖ Navachar Mantra seeks to provide innovators with mentorship, visibility, networking, and growth opportunities.
- ❖ The programme creates a structured support ecosystem to help innovators transform ideas into successful enterprises.
- ❖ Priority sectors include AgriTech, HealthTech, EdTech & Skilling, Climate & Sustainability, Rural Commerce, and MSME Enablement.
- ❖ Participants will gain access to policymakers, industry leaders, investors, and domain experts.
- ❖ The initiative aims to strengthen business models, accelerate innovation-led entrepreneurship, and promote inclusive economic development.

#### 6. ***Yellow-throated Marten (Martes flavigula):***

Context: Yellow-throated marten was recently sighted for the very first time in the Kaziranga National Park and Tiger Reserve in Assam (UNESCO World Heritage Site).

#### **About Yellow-throated Marten (Martes flavigula):**



- ❖ A diurnal and arboreal carnivorous mammal belonging to the mustelid family.
- ❖ Distinguished by its golden-yellow throat, long tail, and defensive scent glands.
- ❖ Known for being fearless, highly social, and often hunting in pairs or small groups.
- ❖ Acts as a mesopredator, helping control rodent populations and aiding seed dispersal.
- ❖ Distributed across Southeast Asia, eastern Russia, China, and the Korean Peninsula; in India, mainly found in the Himalayas and Northeast India.
- ❖ Conservation status: Yellow-throated Marten is listed as Least Concern by the International Union for Conservation of Nature and protected under Schedule II of the Wildlife (Protection) Act, 1972; major threats include habitat fragmentation, deforestation, and human encroachment.

#### 7. ***S-400 air defence system:***

Context: India has received the fourth squadron of the Russian-made S-400 air defence system, strengthening the country's long-range air defence network. The system arrived from Russia as scheduled in May, and is expected to be deployed in an operational area shortly, sources in the defence sector said.

#### **About S-400 air defence system:**

- ❖ The S-400 Triumf, also known in India as "Sudarshan Chakra," is one of the world's most advanced long-range surface-to-air missile (SAM) systems developed by Russia's Almaz-Antey.

- ❖ India signed a \$5.4 billion deal with Russia in 2018 to procure five S-400 units, making it one of India's largest defence acquisitions.
- ❖ The S-400 was designed to replace the older S-200 and S-300 air defence systems and counter advanced Western systems like the MIM-104 Patriot.
- ❖ During the May 2025 India–Pakistan conflict, India used the S-400 system to intercept Pakistani missiles and drones targeting areas such as Jammu, Pathankot, and Amritsar.
- ❖ The system can engage multiple aerial threats including fighter aircraft, drones, cruise missiles, and ballistic missiles.
- ❖ The S-400's radar can detect targets up to 600 km away and simultaneously track around 300 targets while engaging 36 threats.
- ❖ Its missile variants include 9M96E/9M96E2 (120 km range), 48N6E3 (250 km range), and 40N6E (400 km range).
- ❖ The missiles can travel at speeds up to 17,000 km/h (around Mach 14) and operate at altitudes ranging from 10 metres to 30 km.
- ❖ The system is highly mobile, can be deployed within 5–10 minutes, and features “shoot and scoot” capability for rapid relocation after firing.
- ❖ The S-400 integrates advanced phased-array radars, electronic warfare resistance, multiple guidance systems, and interoperability with systems like S-300, Tor, and Pantsir, making it a powerful air defence shield.

## Quick Bites:

- ☐ The Vice-President of India, Shri C. P. Radhakrishnan, today released the book *When Audit Matters: CAG Interventions That Made a Difference*, edited by former Comptroller and Auditor General of India, Shri Vinod Rai, at a function held at Uprashtrapati Bhawan.
- ☐ The Union Cabinet chaired by the Prime Minister Shri Narendra Modi has approved one-time budgetary support not exceeding Rs.10,000 crore for Oil Marketing Companies (OMCs) to provide ATF price stabilisation support to Scheduled Indian Airlines for their domestic and international operations. The budgetary support shall be in the form of interest-free advances to OMCs through the Demands for Grants of the Ministry of Petroleum and Natural Gas.
- ☐ NPCI International Payments Limited (NIPL), the international arm of the National Payments Corporation of India (NPCI), has officially partnered with ACLEDA Bank Plc. to launch Unified Payments Interface (UPI) acceptance in Cambodia. UPI is accepted in Eight countries - Singapore, the United Arab Emirates, France, Mauritius, Nepal, Bhutan, Qatar and Sri Lanka - enabling Indian travellers to make seamless payments abroad through familiar platforms. Now, Cambodia is the ninth country joining the list.
- ☐ The 1st BRICS Anti-Corruption Working Group (ACWG) Meeting was held virtually on 2–3 June 2026 under India's BRICS Presidency, led by the Department of Personnel and Training (DoPT), Government of India.
- ☐ Observed globally on June 3, this year's World Bicycle Day carries the theme "Cycling for a Greener Future", highlighting the bicycle's role in reducing carbon emissions, combating climate change and promoting healthy, sustainable mobility.

- ☐ A giant Potato Patch Coral Colony (*Pavona clavus*) has been discovered on the southeastern side of Kadmat Island. Covering approximately 4,250 square metres (1.05 acres), it is potentially the world's largest living *Pavona clavus* coral colony. The discovery is of immense scientific significance, as the coral serves as a natural time capsule that can help researchers study coral longevity, climate adaptation, and historical oceanic conditions, providing valuable insights into marine ecosystem resilience and climate change.
- ☐ A bolide is an exceptionally bright meteor, also known as a fireball, that enters Earth's atmosphere and explodes before reaching the ground. Recently, a meteor explosion illuminated the skies over Boston and Rhode Island, creating a spectacular display. Bolides produce intense flashes of light and are often accompanied by sonic booms caused by the rapid release of energy during their atmospheric explosion. These events help scientists study meteoroids and their interaction with Earth's atmosphere.
- ☐ Indian Grandmaster Arjun Erigaisi is ranked No. 8 in the June 2026 FIDE ratings with an ELO rating of 2761. He is the only Indian player in the FIDE Top 10 rankings in the latest list.
- ☐ The government's wheat procurement rose 17% to over 35 million tonnes (MT) in the 2026-27 rabi marketing season, surpassing both the target of 34.5 MT and the previous year's procurement of 30 MT, a senior Food Ministry official said

-----The END-----