

## Prelim Bits

\n\n

### Panel on changing financial year

\n\n

\n

- A government-appointed panel, headed by former chief economic adviser [Shankar Acharya](#), has recommended changing the financial year from the current April to March to the calendar year.

\n

\n\n

\n\n

### China's Remote Sensing Satellite

\n\n

\n

- China plans to form a [BeiDou network](#) consisting of 35 satellites for global navigation services by 2020.

\n

- BeiDou is expected to compete with America's Global Positioning system.

\n

- China successfully launched a pair of high-resolution remote sensing satellites SuperView-1 01/02 to get commercial images.

\n

- The satellite is launched on the back of a Long March 2D rocket and they are able to provide commercial images at 0.5-meter resolution.

\n

\n\n

\n\n

### New RBI Deputy Governor

\n\n

\n

- The Centre has appointed [Viral V Acharya](#) as a Deputy Governor of the Reserve Bank of India, for a three-year term.

\n

- As in-charge of monetary policy, he will become a part of the six-member interest-rate setting monetary policy committee.

\n

\n\n

\n\n

## **Black carbon and Brown Carbon**

\n\n

\n

- Black Carbon is [inorganic](#) in nature consisting of soot particles that directly come out of combustion processes.

\n

- Brown Carbon or [organic](#) carbon comes from complex organic reactions in the airborne atmospheric particles. This includes \n

\n

- Tar materials from smoldering fires or coal combustion.

\n

- Breakdown products from biomass burning.

\n

- A mixture of organic compounds emitted from soil and volatile organic compounds given off by vegetation.

\n

\n

\n

- Both Black carbon and Brown carbon absorb sunlight and thus in turn warm the atmosphere and when inhaled, causes severe health hazards.

\n

- Black carbon absorbs light in the visible spectrum whereas Brown carbon is light brown in colour and absorbs light in the ultraviolet region.

\n

- Brown Carbon leads to the formation of ground level ozone in the atmosphere.

\n

\n\n

\n



**SHANKAR**  
**IAS PARLIAMENT**  
*Information is Empowering*