

Top 10 Current Affairs of Today - September 12, 2023

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Our daily current affairs are perfect for busy people who want to stay up-to-date on the latest events. They are short, engaging, and easy to understand, and they cover a wide range of topics, from politics and business to sports and entertainment.

Today's blog will be on the current affairs of 12th September 2023. So, check out the current affairs and stay up-to-date. You can download PDF also for current affairs today.

Let's check this news about Global Infrastructure and Investment. Then, we will move ahead.

Partnership for Global Infrastructure and Investment (PGII) and IMEC

Prime Minister Narendra Modi and President of USA Joe Biden co-chaired a special event on Partnership for Global Infrastructure and Investment (PGII) and India-Middle East-Europe Economic Corridor (IMEC) on the sidelines of the G20 summit in New Delhi.

Key Points:

- A) Event aimed at unlocking greater investment for infrastructure development.
- B) It will strengthen connectivity in its various dimensions between India, Middle East and Europe.
- C) Leaders of the EU, France, Germany, Italy, Mauritius, UAE and Saudi Arabia along with the World Bank participated in the event.
- D) PGII is aimed at narrowing the infrastructure gap in developing countries as well as help towards accelerating progress on SDGs globally.
- E) IMEC comprises an Eastern Corridor connecting India to the Gulf region and a northern Corridor connecting the Gulf region to Europe.
- F) It will include a Railway and ship rail transit network and road transport routes.

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[Image Source: PIB]

New Delhi Leaders Declaration adopted at G20

Prime Minister Narendra Modi announced that G20 has officially adopted the New Delhi Leaders Summit Declaration, highlighting consensus reached by the member states. The Declaration States the commitment of World leaders toward the priorities discussed and agreed upon during the respective Ministerial and working group meetings.

Key Points:

- A) The declaration begins with a Preamble "We are One Earth, One Family and We Share One Future".
- B) The declaration talked about Strong, Sustainable and Inclusive Growth.
- C) Accelerating Progress on Sustainable Development Goals.
- D) Green Development Pact was signed for a Sustainable future

About G20 2023:

- A) It is being held at Bharat Mandapam Convention Centre, New Delhi.
- B) The African Union was added as a permanent member of G20.
- C) Special invitees to the summit were Bangladesh, Egypt, Mauritius, Netherlands, Nigeria, Oman, Singapore and Spain.
- D) Theme: Vasudhaiva Kutumbakam or One Earth One Family One Future
- E) Theme is drawn from Ancient Maha Upanidhad.



[Image Source: Hindustan Times]

Global Biofuel Alliance (GBA)

Bharat along with Singapore, Bangladesh, Italy, USA, Brazil, Argentina, Mauritius and UAE launched the Global Biofuel Alliance on the sidelines of the G20 summit. The Global Biofuel Alliance (GBA) is an initiative by India as the G20 chair. GBA aims to serve as a catalytic platform, fostering global collaboration for the advancement and widespread adoption of biofuels.

Key Points:

- A) The Alliance intends to expedite the global uptake of biofuels through facilitating technology advancements, intensifying utilisation of sustainable biofuels.
- B) It will shape robust standard setting and certification through the participation of a wide spectrum of stakeholders.
- C) The alliance will also act as a central repository of knowledge and an expert hub.

About Biofuel:

- A) Fuel that is produced over a short time span from Biomass.
- B) Two most common biofuels are Bioethanol and Biodiesel.
- C) Biofuels are regarded as a renewable energy source.



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[Image Source: PIB]

Palaeontologists discover New Species of Titanosaur

New Genus and Species of Titanosaurian dinosaur named as Igai Semkhu has been discovered by Midwestern University Paleontologists Eric Gorscak in Egypt. Igai Smkhu roamed our planet during the Campanian age of the Late Cretaceous Epoch.

Key Points:

- A) The species belongs to a diverse group of long necked plant eating dinosaurs called Titanosauria.
- B) The group is known for large body sizes, Long necks and wide stance.
- C) Igai Semkhu was slightly larger than Mansourasaurus Shahinae.

About Cretaceous Period:

- A) Third and Final Period of Mesozoic Era.
- B) Referred to as the Age of Dinosaurs.
- C) Lasted approximately 145 million years ago to about 66 million years ago.





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[Image Source: Mint]

Bharat Drone Shakti 2023

The Indian Air Force is teaming up with the Drone Federation of India to co host Bharat Drone Shakti 2023. IAF will capitalise on its experience with Unmanned platforms. It will take place at the IAFs Airbase at Hindan (Ghaziabad) and feature live aerial demonstrations by Indian Drone Industry.

Key Points:

- A) Drone Technology has sparked a revolution in civil and defence fields.
- B) The IAF relies extensively on Remotely Piloted Aircraft for Intelligence, Surveillance and Reconnaissance Operations.
- C) The event will showcase the full potential of the Indian Drone Industry with more than 50 live aerial demonstrations.

About UAV:

- A) Stands for Unmanned Aerial Vehicle also called Drone.
- B) It is an aircraft without any human pilot, crew or passengers on board.
- C) The earliest recorded use of UAV for warfighting occurred in July 1849.

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[Image Source: News On air]

2023 WMO Air Quality and Climate Report

The 2023 WMO Air Quality and Climate Bulletin, the third in an annual series puts the spotlight on Heatwaves. It is to draw attention to the fact that it is not just the high temperature which is a hazard but also the impacts of resulting pollution that are often overlooked.

Key Points:

- A) Climate Change is increasing the Intensity and frequency of Heatwaves.
- B) This extreme heat compounded by wildfires and desert dust is having a measurable impact on air quality, human health and environment.
- C) The European Heatwave of 2022 led to more Ozone Pollution. Although Parks and Trees can ease "Urban Heat Islands" .

About WMO:

- A) Stands for World Meteorological Organisation
- B) It was founded on 23rd March 1950.
- C) It is a specialised agency of the UN for promoting International Cooperation on Atmospheric science, Climatology, hydrology and Geophysics.
- D) Its headquarters are located in Geneva Switzerland.



[Image Source: WMO]

NASAs MOXIE produced Oxygen on Mars

American Space Agency NASA announced that its Oxygen generating experiment accompanied by the Perseverance Rover has successfully completed its mission and generated Oxygen on the Red Planet. MOXIE (Mars Oxygen In-Situ Resource Utilisation Experiment) has generated oxygen for the 16th and final time.

Key Points:

- A) MOXIE is an oven sized device developed by Massachusetts Institute of Technology (MIT).
- B) The tech demo successfully tested converting Martian CO₂ into oxygen.
- C) The Oxygen produced is of 98 percent purity or better making it suitable for both fuel and breathing purposes.

About NASA:

- A) Stands for National Aeronautics and Space Administration.
- B) It is an independent space agency of the US Federal government.
- C) It was founded on 29th July 1958.



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[Image Source: NASA]

BHARAT: The Mother of Democracy portal launched

On the eve of the G20 Leadership Summit, the Culture Ministry launched a portal of the mega exhibition - "BHARAT: The Mother of Democracy". The Portal showcases the content on the history of democracy in India. It will showcase 7000 years of democratic ethos from Sindhu-Saraswati Civilisation to 2019.

Key Points:

- A) It is available in 16 languages including German, French, Spanish, Arabic, Portuguese, Italian, Turkish and Russian besides English and Hindi.
- B) The portal is divided into 5 sections and 22 subsections.
- C) The five sections include Sindhu-Saraswati Civilisation (6000-2000 BCE), Mahajanapada and Gantantra (7-8 BCE), Vijaynagar empire (14-16 Century) and Mughal Emperor Akbar reign (1556-1605) to constitution of India (1947) and Elections in Modern India (1952 onwards)

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[Image Source: Mint]

SC handover its Green watchdog committee to Environment Ministry

The Supreme Court of India hands over its Green Watchdog committee, The Central Empowered Committee to the Ministry of Environment, Forest and Climate Change. It was set up two decades ago to flag cases of Official Non Compliance with its orders related to Conservation.

Key Points:

- A) The CEC will now report to the Environment Ministry which will nominate its members and have the final say on the merit of its recommendations.
- B) It served as a watchdog for issues pertaining to environmental conservation and compliance.
- C) CEC is to be instituted as a permanent statutory body on environmental issues instead of an ad hoc body.
- D) It will now have a Chairman with experience of 25 years in the field of environment and wildlife.
- E) Age limit of 66 years and not below the rank of Additional Secretary.
- F) It will have 3 members and will be nominated by the Center for a tenure of 3 years.



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[Image Source: ANI]

Indian Archer Prathamesh wins silver at World Cup Final

Indian Compound Archer Prathamesh Jawkar won his maiden Silver Medal at the World Cup Final after he lost to Denmark's Mathias Fullerton. The Denmark Archer took an early lead after the 20 year old Indian dropped one point in the opening round.

Key Points:

- A) Jawkar stunned World number 1 and reigning champion Mike Schloesser for the second time in four months to storm into the finals.
- B) In the semi final Jawkar dished out 150 out of 150 points to pip Schloesser by one point.
- C) No Indian could make it into the women's recurve section.



[Image Source: The Indian Express]



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