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5 December 2023

International & National News

<p>India is not among 118 nations that pledged to push green energy</p>	<p>Context</p> <ul style="list-style-type: none"> 118 countries pledged to triple renewable energy capacity by 2030 at COP-28. India is notable for not signing the Global Renewables and Energy Efficiency Pledge. China, with the largest renewable energy capacity, is also absent from the pledge. <p>Key point</p> <ul style="list-style-type: none"> The Global Renewables and Energy Efficiency Pledge commitment aims for a global installed renewable energy generation capacity of 11,000 GW. The pledge also targets doubling the global average annual rate of energy efficiency improvements to over 4% by 2030.
<p>SC directs Bihar govt. to remove encroachments near the Ganga</p> 	<p>Context</p> <ul style="list-style-type: none"> The Supreme Court has ordered the Bihar government to clear unauthorized constructions from the floodplains of the Ganga, especially in and around Patna. The State shall also ensure no further construction takes place <p>Key impacts</p> <ul style="list-style-type: none"> Illegal constructions on Ganga's floodplain produce waste, noise, and sewage. Unauthorized structures harm biodiversity and threaten dolphins, a Schedule I species. Permanent encroachments pose an environmental threat to the Ganga's habitat. Deleterious impacts on biodiversity and dolphin survival are observed. The Wildlife (Protection) Act, 1972, designates dolphins as Schedule I species. Urgent action is needed to address the destructive consequences of these unauthorized activities.
<p>World Malaria Report, 2023</p>	<p>Context</p> <p>In 2022, India accounted for 66% of malaria cases in the WHO Southeast Asia Region, noted the World Malaria Report, 2023, published by the World Health Organization (WHO).</p> <p>Key highlights</p> <ul style="list-style-type: none"> Almost 46% of all cases in the region were due to Plasmodium vivax, a protozoan parasite The WHO Southeast Asia Region accounted for about 2%



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Daily Current Affairs Encyclopedia

In facts & figures

- India saw a 30% reduction in cases in 2022, taking the total to 249 million that had a flood in 2022
- It accounted for 0.99% of global malaria deaths
- India reported 1.4% of the total malaria cases in 2022
- Globally, 5 million additional malaria cases were recorded
- Nigeria has the highest malaria burden with 26.8% of the global cases and 31.1% of the deaths
- The highest was in Pakistan (2.1 million)

The Indian EXPRESS
Design: Abhishek Mittal

of malaria cases globally,

- These malaria cases declined by 76% from 23 million in 2000 to about five million in 2022.
- Malaria case incidence in this region decreased by **83%**, (from about 18 cases per 1,000 population at risk in 2000 to about three cases per 1,000 population at risk in 2022)
- In 2022, there were an **estimated 249 million cases globally**, exceeding the pre-pandemic level of 233 million in 2019 by 16 million cases.

Centre approves fourth phase roll-out of GIAN scheme



GLOBAL INITIATIVE OF ACADEMIC NETWORKS (GIAN)

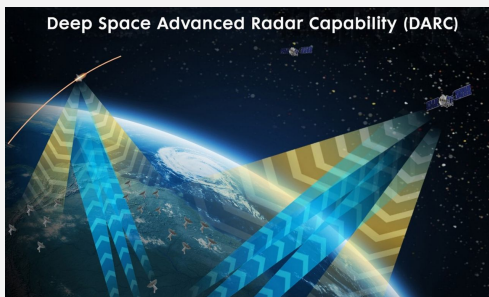
Context

The Education Ministry is gearing up to restart the fourth phase of the **Global Initiative of Academic Networks (GIAN)**

About GIAN

- The Global Initiative of Academic Networks (GIAN) in **Higher Education was launched in 2015**.
- It is a program of the Ministry of **Human Resource and Development**.
- GIAN taps **scientists and entrepreneurs** for higher education collaboration in India.
 - **Goal:** Enhance academic resources, expedite quality reforms.
 - Focus on strengthening India's **scientific and technological capabilities**.

U.S., U.K., and Australia defence chiefs tout deep space radar and AI in joint deal



Context

- U.S., Australia, and Britain defense chiefs meet in California.

Key Points:

- Emphasis on high-tech collaboration in **deep space radar, AI, and quantum computing**.
- **The aim** is to strengthen forces against global threats, particularly from **China**.
- Highlight on the "**Deep Space Advanced Radar Capability**" program development.
- Plans for radar detection sites in all three countries by the decade's end.
- Sites will have the capability to peer **35,000 km into space**.

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