

Prelim Bits 13-04-2017

Cleanest port in India

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- Under the 'Swachhta Pakhwada' campaign, Quality Council of India (QCI) has ranked all the major 13 ports on sanitation parameters.

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- The Haldia port of West Bengal has emerged as the cleanest port in India followed by Vizag port of A.P.

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- The ranking was based on the efforts made by these ports to address waste generating sources with respect to port operation, office area, township area and the response to incoming ships.

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Gentoo penguin

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- Gentoo penguins are found in the Antarctic Peninsula and numerous islands around it.

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- They are found in **Ardley Island** off the coast of the Antarctic Peninsula and the island host one of the biggest and oldest Gentoo Penguin colonies.

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- They are protected by the Antarctic Treaty of 1959.

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- IUCN Status - Near Threatened.

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- Recently, researchers have found that big eruptions of a volcano on Deception Island have a huge impact on penguin's population.

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Belle - II

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- It is an experiment carried out by **The High Energy Accelerator Research Organisation, Japan** to study violations of the standard model and dark matter.

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- It has a highly sensitive particle detector which has better sensitivity, higher than its predecessor, Belle.

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- Complementary to the direct search experiments being carried out at the Large Hadron Collider in CERN, Belle-II will indirectly probe new physics using intense electron-positron beams and a sensitive detector.

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- The experiment has a significant Indian participation. The particle detector at the heart of Belle -II has been built by Indian Scientists from Tata Institute of Fundamental Research

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- Recently, the experiment has been rolled out. It has a grand collaboration of 700 Scientist from 23 countries.

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Indian Institute of Petroleum and Energy (IPE)

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- Recently, Cabinet has given its approval for setting up of Indian Institute of Petroleum and Energy (IPE) at Visakhapatnam in A.P as an Institute of National Importance (INI).

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- The status conferred to a premier public higher education institution in India by an act of parliament.

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- It is conferred on an institution which "serves as a pivotal player in developing highly skilled personnel within the specified region of the country/state".

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- INIs receive special recognition and funding.

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