Prelim Bits 08-07-2017

Scheme for IPR awareness

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- A scheme for IPR awareness – Creative India; Innovative India has been launched by Cell for IPR Promotion and Management (CIPAM).
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- It aims at raising IPR awareness amongst students, youth, authors, artists, budding inventors and professionals to inspire them to create, innovate and protect their creations and inventions across the country.
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- Area of Coverage of the scheme is Pan India, including Tier 1, Tier 2, Tier 3 cities as well as rural areas.
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- Total project Duration - 3 years (2017 – 2020).
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- The scheme targets to conduct IP awareness workshops/seminars tailored in 4 categories – Primary School, Secondary school, University/ College and Industry, including MSMEs and Startups.
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- **CIPAM -** It is a professional body under the aegis of Department of Industrial Policy and Promotion.
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- It works to take forward the implementation of the National IPR policy and creating public awareness about IPR in the country.
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India Innovation Summit

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- The India Innovation summit is organised by the Confederation of Indian Industry (CII).
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- The 13th India innovation summit is to be held in Bangalore this year.
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- The conference will provides an ideal platform for Indian Industry to understand the various nuances of innovation, the critical role innovation plays in business success.
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India Innovation Index

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- It is launched by Confederation of Indian Industry (CII), NITI Aayog, and Department of Industrial Policy & Promotion (DIPP).
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- The index will rank states on Innovations through country's first online innovation index portal.
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- The India Innovation Index Framework will be structured based on the best practices followed in Global Innovation Index (GII) indicators.
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- The Global Innovation Index (GII), co-published by World-Intellectual Property Organization (WIPO), Cornell University and INSEAD with CII as a Knowledge Partner.
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- It has been ranking world economies including India since 2007 according to their innovation capabilities.
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- India currently ranks 66th out of 128 countries on the Global innovation Index (GII) 2016.
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Greenland Sharks

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- Greenland Sharks is the longest living vertebrates on Earth, which live for up to 400 years.
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- It is found in the deep waters of the Atlantic Ocean from Canada to Norway, including the deep oceans around the north of Britain.
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- Scientists have sequenced the full mitochondrial DNA information of Greenland sharks in an attempt to find the secret of its life longevity.
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- The sharks are believed to have unique genes that could help explain their long lifespan and also for other vertebrates including humans.
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Science-meets-art Festival

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- The State of Goa organised the first Science-meets-art Festival, “The Story of Light” in 2015.
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- This year, Science-meets-art Festival is going to be organised with the theme of “**The Story of Space**” in Goa.
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- It is an interdisciplinary, informal learning festival that will explore ‘space’ and its connection with science, philosophy, art and culture.
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- It is a month long festival engaging artists, scientists, educators and philosophers to create informal learning experiences for all ages.
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UNESCO World Heritage Site

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- Recently, UNESCO decided to recognise “HEBRON”, a West Bank City sacred to both Jews and Muslims as “Endangered Palestinian heritage site” (i.e) World Heritage Site in danger.
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- UNESCO, the UN cultural agency, is responsible for promoting peace, social justice, human rights and international security through International cooperation on educational, science and cultural programs.
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- It has 195 member states and is based in Paris, France.
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- UNESCO’s World Heritage Mission – Encourage world countries to protect Natural and Cultural Heritage sites.
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- It publishes **Global Education Monitoring report** and Gender Parity Index.
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- It also leads the initiative of **Man and Biosphere Programme** for

protecting Biosphere reserves across the world.
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Ragi

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- Recently, Genome sequencing of Millet Ragi is done for the first time in the world.
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- Scientists have identified genes which are responsible for drought-tolerance and high nutrient quality of Ragi.
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- This information serves as a base for further increasing the drought tolerance of Ragi and rice & wheat through transfer of genes from Ragi.
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- Ragi was first domesticated from a wild species in Western Uganda and the Ethiopian Highlands before being introduced to India around 3,000 BC.
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- Ragi occupies 12% of global millet cultivation area.
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- In India, Karnataka leads in the cultivation of Ragi followed by Rajasthan.
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