Prelim Bits 21-04-2017

Ministry of Law and Justice

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- Ministry of Law and Justice introduced, 3 new schemes to facilitate access justice aiming to connect those in need of legal aid with lawyers through use of technology.
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- **'Pro-bono legal services'** – It is a web based platform through which the interested lawyers can register themselves to volunteer services for litigants who are unable to afford it.
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- **'Tele-law service'** – It is aimed at facilitating delivery of legal advice through an expert panel of lawyers stationed at the State Legal Services Authorities (SLSA).
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- The project would connect lawyers with clients through video conferencing facilities at CSCs.
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- **NyayaMitra** - It is aimed at reducing pendency of cases across selected districts, with special focus on those pending for more than 10 years.
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- A retired judicial officer, or an executive officer with judicial experience, will be put in charge of assisting those suffering due to judicial delays.
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Rewa Mega Multi Power Project

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- Rewa Mega Multi Power project is located in Madhya Pradesh.
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- Upon completion of the project, it will become the "**world's largest single-site solar power project**".
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- Recently, Power Purchase Agreement (PPA) is signed between Delhi Metro

Railways Corporation (DMRC) & Madhya Pradesh Power Management Company (MPPMC) with Rewa Ultra Mega Solar Limited.
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- Thus the Rewa UMSPP becomes the **first power project to conduct interstate sale of solar power** to Delhi Metro.
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- Rewa PPA has been accepted by the central government as a standard model for all other state governments to emulate and achieve lowest electricity tariff rates through competitive bidding.
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- The project also has financial assistance from International Finance Corporation (IFC).
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Super Earth

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- Scientists have discovered a new Earth-like planet, Super Earth, orbiting a red dwarf star “LHS 1140” about 40 light-years away.
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- The astronomers estimate the age of the planet to be at least five billion years.
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- The red dwarf star LHS 1140 is much smaller and cooler than the sun and the super Earth LHS 1140b is ten times closer to its star than the Earth.
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- The super Earth has a mass around 7 times greater than the Earth and receives about half as much sunlight from its star as the Earth and lies in the middle of the habitable zone.
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- The greater mass and higher density of the super Earth implies that the exoplanet is probably made of rock with a dense iron core.
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Channakeshava temple

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- The Channakeshava temple is located in Belur, Karnataka.
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- It is considered to be the **first temple of Hoysala architecture style.**

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- It was built between 1106 and 1117 by **Vishnuvardhana,** a King of Hoysala dynasty and it turned 900 this year.
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- The temple marks the victory of Gangaraja, a general in Vishnuvardhana's army, over the invading Chola army in 1104.
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- This, along with the temple in Halebid, is proposed as a UNESCO heritage site.
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