

## **Prelim Bits 01-04-2018**

### Lalit Kala Akademi

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- Recently, the President has appointed Ministry of Culture's Joint Secretary as Protem Chairman of the Lalit Kala Academy.
- The Akademi was inaugurated in New Delhi on 1954, by the then Minister for Education, Maulana Abul Kalam Azad.
- Lalit Kala Akademi is the Government's apex cultural body in the field of visual arts in India.

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- It is an autonomous body, which is fully funded by the Ministry of Culture.
- It has substantial independence in making decisions related to national and international exhibitions, events and providing financial assistance to artists and art organisations through scholarships and grants.
- Its head quarter is at New Delhi.

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### **Electrical Bacteria**

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- A few bacteria have evolved the unique ability to be able to transfer electrons from the interior of the cell across their outer membrane to a receiving surface in the outside world.
- The Shewanella oneidensis is a kind of electric bacteria.
- $\bullet$  The energy harnessed from living, organic sources holds tremendous potential for new sustainable technology.  $\mbox{\ensuremath{\backslash}} n$

• For example, a microbial fuel cell could generate electricity by capturing electrons from the bacteria on electrodes instead of the rocks that these organisms evolved to breathe.

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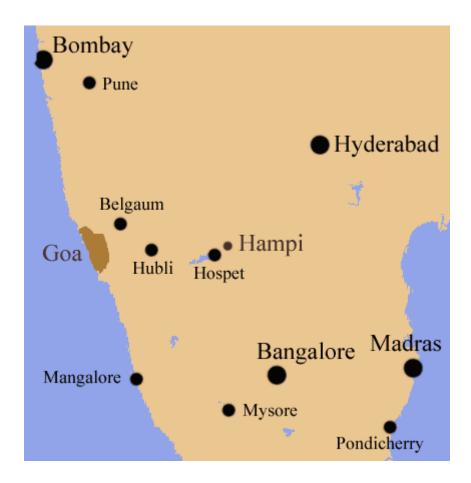
### Hampi

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- Recently, Brahma Rathotsava (a twin car festival) was celebrated at Hampi.
- Hampi is a temple town in northern Karnataka that was once the capital of the historical Vijayanagara Dynasty.
- $\bullet$  The magnificence of the ruins of temples and other structures of Vijayanagar in hampi is dating back to 1500 AD.  $\$
- $\bullet$  It is located on the bank of the Tungabhadra River.  $\ensuremath{\backslash n}$

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• Hampi houses the famous Virupaksha Temple, Vithala Temple and Nandi Statue.

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- Group of Monuments at Hampi is a UNESCO World Heritage Site.
- They are Dravidian temples and palaces that won the admiration of travelers between the 14th and 16th centuries.

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#### Gondi

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• Gondi is the language of the Gond people, spoken in the six States of Madhya Pradesh, Gujarat, Telangana, Maharashtra, Chhattisgarh and Andhra Pradesh.

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- $\bullet$  It was developed separately in each place and in each place, the dialect has been influenced by the dominant State language. \n
- Gondi is mostly oral language but it is all set to get its first dictionary
- Microsoft has now stepped in and volunteered to develop an oral version of the dictionary as a mobile app.

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# **International Transgender Day of Visibility**

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• International Transgender Day of Visibility is an annual event observed on March 31.

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- It is a day to celebrate the courage it takes to live openly and authentically, while also recognizing the leadership of transgender.
- $\bullet$  It was started in 2009 by Michigan-based transgender activist Rachel Crandall as a way to celebrate the transgender community in all its diversity. \n

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### Surya Joyti

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• Surya Joyti is a low cost and energy efficient Photo Voltaic (PV) intergrated Micro Solar Dome (MSD).

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• It started as a pilot project to stream diffused sunlight into poorly-lit rooms through the roof in thatched, tiled or tin-roofed houses in the Sundarbans in West Bengal and in Tripura.

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• The Department of Science & Technology along with Ministry of New and Renewable Energy (MNRE) has taken it up for larger distribution in bigger areas.

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• The Science and Technology Ministry estimates that 'Surya Jyoti' can help some 10 million households.

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• These are off-grid, and can supply urban and rural areas without reliable access to electricity.

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- $\bullet$  The domes provide light equivalent to a 60W bulb.  $\ensuremath{\backslash n}$

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Source: PIB, The Hindu

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