

Prelims bits 22-09-2017

Molecular robot

\n\n

\n

- Recently scientists have created the world's first 'molecular robot' millionth of a millimetre in size.

\n

- To put that size into context, a billion of these robots piled on top of each other would still only be the same size as a single grain of salt.

\n

- These tiny robots can be programmed to move and build molecular cargo using a tiny robotic arm.

\n

- It can be used to build molecules and may help discover novel drugs.

\n

\n\n

Khelo India

\n\n

\n

- The Cabinet committee on economic affairs has approved the revamp of the Khelo India.

\n

- It is a National Programme for Development of Sports, which aims to enable a pathway from schools to Olympics.

\n

- Earlier the initiative focussed on infrastructure development, it will ensure all-round growth in its revamped form.

\n

- Each athlete selected under the new scheme will get a scholarship of Rs.5 lakh per annum for eight years.

\n

- The government also aims to set up 20 universities across the country as hubs of sporting excellence.

\n

\n\n

Swachhta Pakhwada

\n\n

\n

- Recently Ministry of Tourism planned to undertake Cleanliness campaign in selected tourist spots.

\n

- It is an environment awareness campaign under Swachh Bharat Mission.

\n

- It is for achieving total sanitization and cleanliness by October 2, 2019 under Swachh Bharat Mission.

\n

- Under the campaign a theme wise “Swachh Bharat Fortnight” is being organised by different Ministries.

\n

- It is a voluntary exercise and objective is to create awareness, target programmes, invite pledges, spending of CSR etc.

\n

- It has also been followed by private institutions and corporates groups.

\n

\n\n

Intelligent Transportation Systems (ITS)

\n\n

\n

- NITI Aayog and the International Road Federation, Geneva (IRF Geneva) have signed a Statement of Intent (SoI) to cooperate in the field of Intelligent Transportation Systems (ITS).

\n

- According to this statement, National Platform will be created and it will provide a coherent and consistent National ITS Policy covering domains such as traffic and parking management, enforcement, and security.

\n

- The objectives of this national ITS Policy will be to contribute to reducing urban traffic congestion, improving road safety, and improving the security of passenger and goods traffic.

\n

\n\n

Electric vehicles & last mile connectivity

\n\n

\n

- Hyderabad Metro Rail Limited is planning to provide last mile connectivity to commuters through EVs.
\n
- This will ensure the comfort of commuters and reducing the carbon emissions.
\n
- This would be showcased when stretch of about 30 km of the 72-km-long elevated metro rail project gets commissioned in November 2017.
\n

\n\n

Young Entrepreneurs of TRIFED (YET)

\n\n

- Young Entrepreneur Development Programme of TRIFED plans to expand sale operations by empanelling young sales men/women.
\n
- These sales people will undertake house to house campaign for sale of tribal products.
\n
- They will be paid a commission of 10% on net sales.
\n
- By this revamped plan every tribal products will have a Tribal Craft Mark in form of hologram/ label/tag for its genuineness and authenticity.
\n

\n\n

TRIFED

\n\n

- It is a PSU under Ministry of Tribal Affairs.
\n
- Its objective is to promote tribal art and craft for the benefit of tribal artisans of the country
\n
- It works on the scheme Institutional Support for Development & Marketing of tribal products/produce.
\n

\n\n

\n\n

Source: PIB, Indian Express, Business line

\n\n

\n\n

\n\n

\n\n

\n\n

\n\n

\n

