



Patna's State-Of-The-Art Planetarium | Bihar | 22 Feb 2022

Why in News

- Recently, a 6-member team from Kolkata inspected the planetarium located in Patna, after which the work of digitizing this planetarium has started.

Key Points

- Patna Planetarium will be the first such planetarium in the country, where 6 Red, Green and Blue (RGB) Pure Laser Projectors will be installed. There are many types of colors in these projectors.
 - These projectors will combine RGB rays through a computer to create the actual colors for the show, giving the audience a feeling of being in space.
 - This projection system will be equipped with suitable and modern technology according to the 16 meter diameter dome area. Its total cost will be Rs 36 crore 13 lakh 20 thousand.
 - This projector will provide the facility to watch 2D and 3D shows.
 - Significantly, there are 22 planetariums in the country, out of which Kolkata Science City and Karnataka Pilikula Swami Vivekananda Planetarium have 3D projectors. All other planetariums have 2D projectors.
 - It is known that apart from Patna in Bihar, the construction work of planetarium in Gaya and Bhagalpur is also in progress.
 - RGB Pure Laser Projector has a lifespan of more than 40 thousand hours. It has a cooling system. There is no harmful effect on the eyes from this projector. It has a higher brightness than a digital projector.
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National Mission for Inter-disciplinary Cyber Physical System | Bihar | 22 Feb 2022

Why in News

- On February 21, 2022, Divya Sampark Innovation Hub of IIT Roorkee was designated as a Technology Innovation Hub.
 - This designation was given for imparting training in technology development, skill development, entrepreneurship and startup subjects under the Multidisciplinary Cyber Physical System Scheme (NM-ICPS) of the Government of India in all the state engineering colleges of the state.

Key Points

- NM-ICPS is an umbrella mission, which will address the issues of technology development, human

resource development, entrepreneurship and startup development and related technologies in cyber physical systems.

- The mission aims to create 15 technology innovation centres, 6 investment innovation centers and 4 technology based innovation centres.
- This mission was approved by the Central Government in 2018 for a term of 5 years.

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