India's first digital park

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In news– India's first Digital Science Park will come up at Technocity campus in Thiruvananthapuram, the capital city of Kerala.

About first Digital Science Park-

- **It is located adjacent to the Kerala University of Digital Sciences Innovation and Technology** in around 14 acres of land.
- The ₹1,500 crore Digital Science Park project has been conceived as a **multidisciplinary cluster-based interactive-innovation zone focused on digital technologies.**
- The project is to be completed in two years.
- Covering an area of 10 lakh sq. ft. in two blocks, the Park will **facilitate industry and business units as well as technology start-ups from the domains of Artificial Intelligence (AI), robotics, electronics, smart hardware,** sustainable and smart materials in the initial phase.
- An amount of ₹200 crore has been allotted by Government of Kerala and the remaining amount will be generated from other sources including industry partners.
- The Park will be equipped with **high-end research labs and facilities** which will include cleanrooms, material characterisation facility, integrated sensor labs, energy labs, motor and drives labs, RF and wireless testing labs, unconventional computing centre, high-end data centre, robotics labs, electronic design centre, software development labs, informatics and computing labs, and Blockchain and cybersecurity labs.
- The Park will become operational with the launch of its first centre on electronics system design focusing on analog and mixed signal systems, VLSI (very-large-scale

integration), AI processors and allied areas.

- **U.K.-based semiconductor and software design company ARM has signed an agreement with Digital University Kerala on the academic, research** and start-up-related activities as part of this centre.
- It will have a Centre for Artificial Intelligence with leading multinational technology company NVIDIA expected to join as a partner.
- **The University of Manchester, University of Oxford and University of Edinburgh have also signed MoUs with DUK** to engage in the development of the Digital Science Park.