



14 December 2024

Telangana State Regional News

<p>Quantum Computing</p>	<p>Why in news?</p> <ul style="list-style-type: none"> AI semiconductors and quantum computing are expected to play a pivotal role in transforming Telangana into a \$1 trillion economy. <p>Key Points:</p> <ul style="list-style-type: none"> It is a type of computation that harnesses the collective properties of quantum states, such as superposition, interference, and entanglement, to perform calculations. It harnesses the phenomena of quantum mechanics to deliver a huge leap forward in computation to solve complex problems. Quantum mechanics is a science that describes the unique behavior of matter and energy at the atomic and subatomic level.
<p>20 GW green power generation</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Deputy CM proposes a target of 20 GW green power generation capacity by 2030. <p>Key Points:</p> <ul style="list-style-type: none"> Green energy is defined as energy derived from renewable sources. It is also known as clean, sustainable, or renewable energy. Green energy generation emits no dangerous greenhouse gases into the atmosphere, resulting in little or no environmental impact. Solar, wind, geothermal, biogas, low-impact hydroelectricity, and certain qualified biomass sources are all key green energy sources.
<p>Bhumata portal</p>	<p>Why in news?</p> <ul style="list-style-type: none"> The government is ramping up efforts to launch the Bhumata portal, which will replace Dharani. <p>Key Points:</p> <ul style="list-style-type: none"> The Bhumata portal is a Telangana government initiative to simplify the land registration process for citizens. The portal allows users to book registration slots, pay stamp duty and registration fees online, and update land records instantly. Purpose <ul style="list-style-type: none"> The portal was introduced to replace the Dharani system, which was controversial and faced many complaints from farmers. The Bhumata portal aims to improve efficiency, promote transparency, and make land-related services more accessible.



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