



தமிழ்



Tamil Nadu: 13-06-2024

<b>Maragatha Pooncholai</b>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"><li>The <b>Tamil Nadu Forest Department</b> has created '<b>Maragatha Pooncholai</b>' in five villages.</li></ul> <p><b>About Maragatha Pooncholai:</b></p> <ul style="list-style-type: none"><li>Maragatha Pooncholai is an initiative by the Tamil Nadu Forest Department <b>aimed at promoting sustainable community woodlots, biodiversity conservation, and rural livelihood support.</b></li><li>The project involves the <b>creation of 'Maragatha Pooncholai' in various villages</b> with the aim of <b>increasing green cover and supporting the rural livelihood of local residents</b> through <b>community-driven management of natural resources.</b></li><li>The initiative is <b>designed to create sustainable community woodlots</b> that provide essential natural resources, such as <b>timber, fuel wood, and fodder to local communities.</b></li><li>By reducing the dependency on forest areas for these resources, '<b>Maragatha Pooncholai</b>' <b>aims to alleviate the biotic pressure on forests, promoting both environmental sustainability and economic benefits for the local villagers.</b></li></ul>
<b>National Testing Agency (NTA)</b>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"><li><b>Allegations</b> have been raised <b>against the credibility of the National Testing Agency (NTA)</b> due to <b>discrepancies in NEET UG scoring</b> released on June 4.</li><li>Makkal Kalvi Kootiyakkam, called for the <b>dissolution of the NTA</b>, an agency dedicated to conducting entrance examinations.</li></ul> <p><b>About NTA:</b></p> <ul style="list-style-type: none"><li>The <b>National Testing Agency (NTA)</b> is an <b>autonomous agency</b> under the <b>Department of Higher Education</b> of the Ministry of Education of India.</li><li>It was established by the <b>Ministry of Human Resource Development (MHRD)</b>, now known as the <b>Ministry of Education (MoE).</b></li><li>It was established in <b>November 2017.</b></li><li>Its <b>main purpose</b> is to <b>conduct entrance examinations for admission/fellowship in higher educational institutions.</b></li></ul>
<b>National Dam Safety Authority (NDSA)</b>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"><li>A team of <b>National Dam Safety Authority (NDSA)</b> officials <b>inspected the safety of Sothuparai dam</b> in Periyakulam.</li></ul>



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	<p><b>About NDSA:</b></p> <ul style="list-style-type: none"><li>• The <b>National Dam Safety Authority (NDSA)</b> is a <b>regulatory body</b> established under the <b>Dam Safety Act, 2021</b>.</li><li>• The NDSA is <b>responsible for implementing policies of the National Committee on Dam Safety</b>.</li><li>• It <b>offers technical assistance to State Dam Safety Organisations (SDSO)</b>.</li><li>• The NDSA is the <b>custodian of dam safety, overseeing inspections, evaluations, and enforcement of regulations</b>.</li><li>• <b>Headquarters:</b> Delhi</li></ul>
<b>Mannuyir Kaathu Mannuyir Kappom</b>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"><li>• The Chief Minister of Tamil Nadu recently launched the 'Chief Minister's <b>Mannuyir Kaathu Mannuyir Kappom</b>' scheme, allocating <b>₹20 crore</b> to provide <b>4,000 green manure seeds to farmers</b> and promote sustainable practices.</li></ul> <p><b>About Mannuyir Kaathu Mannuyir Kappom:</b></p> <ul style="list-style-type: none"><li>• <b>Launched by:</b> The scheme was launched by the Chief Minister of Tamil Nadu, M K Stalin.</li><li>• <b>Purpose:</b> The scheme <b>aims to preserve soil fertility by distributing green manure seeds to farmers</b>.</li><li>• <b>Budget:</b> The initiative is <b>part of the state agriculture budget</b> and is worth <b>₹206 crore</b>.</li><li>• <b>Implementation:</b> In the <b>first phase in 2024-25</b>, green manure will be cultivated on <b>two lakh acres</b> at a cost of <b>₹20 crore</b>.</li><li>• <b>Impact:</b> The scheme <b>aims to increase the nutrients in the soil and protect the microorganisms, thereby preserving the soil</b>.</li></ul>
<b>Quantum computing</b>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"><li>• The <b>state government of Tamil Nadu</b> is in <b>talks with Finland</b>.</li><li>• The discussion is <b>about seeking Finland's help to set up a quantum computing centre</b> in Tamil Nadu.</li></ul> <p><b>About Quantum computing:</b></p> <ul style="list-style-type: none"><li>• <b>Definition:</b> Quantum computing is a type of computing that <b>leverages the principles of quantum mechanics to perform calculations far more efficiently than classical computers</b>.</li><li>• <b>Qubits:</b> The <b>fundamental unit of quantum computing is the quantum bit or qubit, which can exist in multiple states simultaneously due to superposition</b>.</li><li>• <b>Superposition:</b> Unlike <b>classical bits, which can be either 0 or 1, qubits can be both 0 and 1 at the same time</b>, enabling quantum computers to process a vast amount of possibilities simultaneously.</li><li>• <b>Entanglement:</b> Quantum entanglement is a phenomenon where <b>qubits become interconnected and the state of one</b></li></ul>



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qubit can depend on the state of another, even when separated by large distances. This property is crucial for quantum computing.