



16 November 2023

## Telangana State Regional News

<p><b>2023 AI Safety Summit</b></p> 	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>The 2023 AI Safety Summit was a global event that brought together leading experts in artificial intelligence (AI) to discuss the safety and security of AI systems.</li> <li>The summit was held at <b>Bletchley Park</b>, Milton Keynes, <b>United Kingdom</b>.</li> <li>The summit was organized by the <b>UK government</b> in collaboration with the <b>Global Partnership on AI (GPAI)</b>, a group of <b>32 countries</b> and organizations committed to promoting responsible development and use of AI.</li> <li>The summit was the first of its kind and was designed to provide a platform for dialogue and collaboration on AI safety issues.</li> <li>This Summit was a diplomatic breakthrough because it got the world's political, commercial and scientific communities to agree on a joint plan.</li> </ul> <p><b>India's Stance at the Summit:</b></p> <ul style="list-style-type: none"> <li>India has shifted from a stance of not considering AI regulation to actively formulating regulations based on a <b>risk-based, user-harm approach</b>.</li> <li>India called for a global framework for the expansion of <b>"ethical"</b> AI tools, signaling a commitment to responsible AI usage.</li> <li>India has shown interest in establishing regulatory bodies at both domestic and international levels to ensure the responsible use of AI.</li> <li><b>Digital India Act, 2023</b> which is yet to Implement, is expected to introduce issue-specific regulations for online intermediaries, including AI-based platforms.</li> </ul>
<p><b>International conference on Plant conservation</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>An <b>international conference</b> will be held at <b>Acharya Jayashankar Telangana University</b> under the auspices of the Plant Protection Association of India (Plant Protection Association of India) on plant health management, innovation and sustainability.</li> </ul> <p><b>About International conferences on plant conservation:</b></p> <ul style="list-style-type: none"> <li>International conferences on plant conservation are important platforms for scientists, policymakers, and conservation practitioners to come together and share their knowledge, expertise, and experiences.</li> <li>These conferences provide a valuable opportunity to discuss the latest research on plant conservation, identify and address emerging</li> </ul>



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threats to plant biodiversity, and develop strategies for protecting and restoring plant populations.

Some of the key themes that are discussed include:

1. The global status of plant biodiversity
2. The causes of plant loss
3. Conservation strategies
4. Sustainable use of plant resources
5. The role of local communities in conservation

## Rythu Vedika Portal



### Key Points:

- Rythu Vedika is also **known as the Telangana Farmer Portal**
- It is a comprehensive online platform designed to provide a wide range of information and services to farmers in the Indian state of Telangana.
- The portal has helped farmers to improve their agricultural practices, increase their productivity, and access government schemes effectively
- The portal offers a **single point of access** to a variety of resources, including:
  1. Agricultural information
  2. Market prices
  3. Government schemes
  4. Land records and e-pass
  5. Grievance redressal

## Telangana State Oil Palm Mission (TSOPM)

### Context:

- **Telangana's Oil Palm Scheme**, officially known as the Telangana State Oil Palm Mission (TSOPM), is a flagship initiative launched by the Government of Telangana to **promote the cultivation and processing of oil palm** in the state.
- The scheme **aims to increase oil palm cultivation to 20 lakh acres (8 lakh hectares) by 2025**, making **Telangana the second-largest oil palm producer in India**.

### Key Objectives:

1. **Import Substitution:** Reduce India's reliance on imported edible oils by increasing domestic production.
2. **Economic Growth:** Generate employment opportunities and boost rural incomes through oil palm cultivation.
3. **Energy Security:** Promote the production of biodiesel, a renewable energy source, from oil palm

### Progress and Achievements of the Oil Palm Scheme:

1. **Area Expansion:** Oil palm cultivation has increased significantly in Telangana, reaching over 60,000 acres (24,000 hectares) as of 2023.



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	<ol style="list-style-type: none"> <li>2. <b>Farmer Participation:</b> Over 60,000 farmers have adopted oil palm cultivation in Telangana.</li> <li>3. <b>Processing Capacity Enhancement:</b> Five oil palm processing plants are operational in Telangana, with a total processing capacity of 300 tonnes per day</li> </ol>
Organic farming	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• Organic farming is a method of agricultural production that emphasizes the use of natural techniques and avoids the use of synthetic fertilizers, pesticides, herbicides, and genetically modified organisms (GMOs).</li> <li>• It is a holistic approach to agriculture that aims to create a sustainable and healthy food system.</li> </ul> <p><b>Principles of Organic Farming:</b></p> <ol style="list-style-type: none"> <li>1. <b>Soil Health Enhancement:</b> <ul style="list-style-type: none"> <li>• Organic farming focuses on improving soil health by using natural methods such as composting, cover cropping, and crop rotation.</li> <li>• This helps to maintain soil fertility, structure, and water retention capacity, leading to healthier and more productive crops.</li> </ul> </li> <li>2. <b>Natural Pest and Disease Control:</b> <ul style="list-style-type: none"> <li>• Organic farmers rely on natural pest and disease management techniques, such as crop rotation, companion planting, and beneficial insects, to control pests and diseases.</li> <li>• This reduces the reliance on synthetic pesticides and herbicides, which can harm the environment and human health.</li> </ul> </li> <li>3. <b>Animal Welfare:</b> <ul style="list-style-type: none"> <li>• Organic livestock production emphasizes animal welfare by providing animals with access to pasture, natural diets, and humane living conditions.</li> <li>• This approach promotes healthier animals and reduces the need for antibiotics and other artificial growth hormones.</li> </ul> </li> <li>4. <b>Biodiversity Conservation:</b> <ul style="list-style-type: none"> <li>• Organic farming practices support biodiversity by creating habitats for beneficial insects, birds, and other wildlife.</li> <li>• This helps to maintain a balanced ecosystem and contributes to overall environmental health.</li> </ul> </li> </ol>

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