





18 January 2025

### Telangana State Regional News

<p><b>Personal Rapid Transit (PRT) or pod taxi system</b></p> 	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The state government plans to introduce a Personal Rapid Transit (PRT) or pod taxi system to enhance last-mile connectivity and reduce traffic jams in areas like Knowledge City, Hitech City, and Kondapur.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The PRT system will initially connect Metro stations to major office hubs, multinational companies, and high-rise buildings in Raidurg, Madhapur, Kondapur, and surrounding areas.</li> <li>The PRT system will feature small, battery-operated, driverless pods running on elevated, guided tracks.</li> <li>Each pod, with a capacity of 6-8 passengers, will be centrally controlled.</li> <li>Passengers can select their destination on a touch panel, and the pod will travel directly to the chosen stop.</li> <li>The system is designed to handle 10,000 passengers per hour during peak times, with a daily capacity of 1 lakh commuters.</li> </ul>
<p><b>Awards &amp; Honors: Arjuna Award</b></p> 	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>Telangana's champion para-athlete, Jeevanji Deepthi, was awarded the Arjuna Award 2024 by President Droupadi Murmu at the National Sports Award Ceremony in New Delhi.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>It is given for <b>outstanding performance in Sports and Games</b> is given for good performance over a period of the previous four years and for showing qualities of leadership, sportsmanship and a sense of discipline.</li> <li>The winners of the Arjuna Award receive a <b>statuette of Arjuna, a certificate and a cash prize.</b></li> </ul>
<p><b>FSSAI &amp; CII</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>FSSAI CEO G. Kamala Vardhana Rao called for a collaborative effort to reduce pesticides, microplastics, and sugar in food at a programme titled 'Strengthening the food safety, quality, and regulatory ecosystem: towards enhancing the state food safety index,' organized by CII, FSSAI, and the State government.</li> </ul> <p><b>Key Points:</b></p>



	<ul style="list-style-type: none"> <li>● <b>About FSSAI:</b> <ul style="list-style-type: none"> <li>○ It is an autonomous body established under the <b>Ministry of Health and Family Welfare</b>, Government of India.</li> <li>○ The FSSAI has been established under the <b>Food Safety and Standards Act, 2006</b>, which is a <b>consolidating statute related to food safety and regulation</b> in India.</li> <li>○ <b>Vision:</b> Build a new India by enabling citizens to have safe and nutritious food, prevent diseases, and lead a healthy and happy life.</li> <li>○ <b>Mission:</b> Set globally benchmarked standards for food, encourage and ensure that food businesses adhere to these standards, adopt good manufacturing and hygiene practices, and ultimately enable citizens to access safe and right food.</li> </ul> </li> <li>● <b>About CII:</b> <ul style="list-style-type: none"> <li>○ It is a <b>non-government, not-for-profit, industry-led and industry-managed organization</b>.</li> <li>○ It was founded in <b>1895</b>, its headquarters is in <b>New Delhi</b>.</li> <li>○ It works to create and sustain an environment conducive to the development of India, partnering industry, Government and civil society, through advisory and consultative processes.</li> </ul> </li> </ul>
<p><b>Semiconductors</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>● A Telangana delegation invited the Singapore semiconductor industry to invest in the state, aiming to boost its semiconductor ecosystem.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>● Semiconductors are materials which have a <b>conductivity between conductors and insulators</b>.</li> <li>● They can either be pure elements, like <b>silicon or germanium or compounds, like gallium, arsenide, or cadmium selenide</b>.</li> <li>● <b>Properties-</b> Semiconductors have less resistivity than insulators and more than conductors.</li> <li>● The <b>resistance of the semiconductor decreases with an increase in temperature and vice versa</b>.</li> </ul>



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