



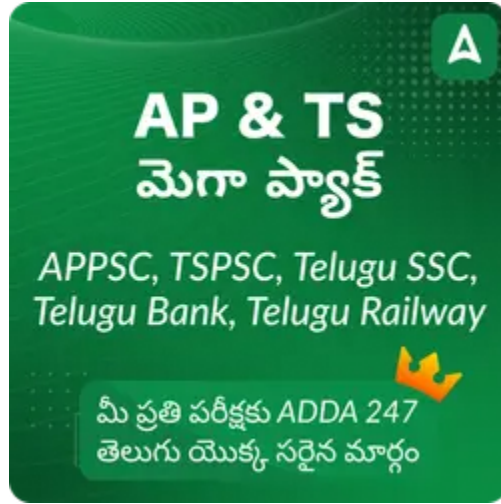
22 July 2024

Andhra Pradesh State Regional News

<p>Climate Change and Water Scarcity in Rayalaseema Region</p>	<p>Context:</p> <ul style="list-style-type: none"> Climate change has significantly disrupted India's rainfall patterns, resulting in erratic monsoons and reduced groundwater levels. This disruption has stressed farmers and the rural economy, especially in Anantapur and Rayalaseema districts. Narendra Bedi, Young India project director, proposed the Four Waters Concept as a viable solution to the water crisis. <p>The Four Waters Concept:</p> <ul style="list-style-type: none"> This concept involves enhancing groundwater recharge and implementing sustainable water management practices. The approach provides a dependable water supply for irrigation at a cost of Rs 15,000 per hectare, which is more cost-effective compared to traditional irrigation projects. <p>Benefits and Effectiveness:</p> <ul style="list-style-type: none"> The Four Waters Concept is designed to alleviate the financial burden on farmers by reducing infrastructure costs and ensuring reliable water availability. By improving groundwater recharge, this method addresses the issue of limited surface irrigation and helps mitigate distress-induced suicides among farmers.
<p>Digital Planetarium</p>	<p>Context:</p> <ul style="list-style-type: none"> The Regional Science Centre (RSC) in Tirupati has unveiled its newly renovated 'Digital Planetarium,' which had been closed for several years due to technical issues. The inauguration took place on Wednesday, July 17, 2024, as part of the 'Space Week 2024' celebrations <p>Regional Science Centre (RSC), Tirupati:</p> <ul style="list-style-type: none"> Location: Tirupati, Rayalaseema district, Andhra Pradesh Affiliation: National Council of Science Museums (NCSM) Purpose: To promote scientific awareness and education among students and the general public <p>Space Week 2024:</p>



	<ul style="list-style-type: none"> • Dates: July 17 to 23, 2024 • Significance: Celebrates the anniversary of the first manned moon landing
Nano Jatha Event	<p>Content:</p> <ul style="list-style-type: none"> • SRM University-AP was chosen among 21 universities to host Nano Jatha, reflecting its prominent role in science education. <p>Key points:</p> <ul style="list-style-type: none"> • Event: Nano Jatha • Occasion: 13th edition of Bengaluru India Nano 2024 • Initiator: Prof. CNR Rao, a Bharat Ratna recipient and renowned chemist • Host: SRM University-AP, Vijayawada • The Nano Jatha event was part of a larger science outreach programme aimed at enhancing awareness about nanoscience and technology. • The programme involved technical presentations by expert scientists and live demonstrations of nano kits.



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