



23 October 2023

Andhra Pradesh State Regional News

<p>6,000-yr-old prehistoric rock art found in Palnadu district, AP</p>	<p>In News: 6,000-yr-old prehistoric rock art found in Palnadu district</p> <ul style="list-style-type: none"> • Beautiful rock bruising of a stag and a man datable to the Neolithic period were found at Gundala-Veerlavagu valley located on the outskirts of Koppunuru village in Macherla mandal of Palnadu district. <p>Key Points:</p> <ul style="list-style-type: none"> • It was discovered by Dr E Sivanagireddy, archaeologist and CEO, Pleach India Foundation • Dr Reddy said that it was a chance discovery while he was conducting a survey under heritage awareness campaign called 'Preserve Heritage for Posterity' in and around Koppunoor-Gundala <p>About Neolithic Period:</p> <ul style="list-style-type: none"> • The Neolithic Period, also known as the New Stone Age • This period began with the development of agriculture. • The Neolithic Period is generally considered to have begun around 10,000 years ago in the Middle East and spread to other parts of the world over the next few thousand years.
<p>Venkatagiri, a hub for exquisite handloom saris</p>	<p>In News:</p> <ul style="list-style-type: none"> • Venkatagiri has gained worldwide recognition for its rich tradition of handloom weaving, a heritage that spans over 150 years. <p>Key Points:</p> <ul style="list-style-type: none"> • This handloom is now vying for the coveted 'One District One Product (ODOP) Award 2023,' a national-level competition organized by the Central government. • The significance of this competition lies in its potential to expand the reach of Venkatagiri handloom products, both within the nation and internationally. • Venkatagiri, town in AP, is known for its exquisite handloom saris, which are made from silk, cotton, and a blend of the two.



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	<ul style="list-style-type: none"> • Venkatagiri saris are known for their intricate designs, vibrant colors, and soft texture. <p>Did you Know?</p> <ul style="list-style-type: none"> • Jamdani technique is used to create intricate designs on fabric.
YS Jagan inaugurates LAURUS Unit 2 in Atchutapuram	<p>In News: YS Jagan inaugurates LAURUS Unit 2 in Atchutapuram, to create 1200 jobs</p> <ul style="list-style-type: none"> • AP CM Jagan inaugurated LAURUS Unit 2 in Atchutapuram, <p>Key Points:</p> <ul style="list-style-type: none"> • It is expected to create 1200 jobs with an investment of Rs. 460 crores. • He also laid the foundation stone for two more new units related to Laurus, which will create another 800 jobs at a cost of 850 crores. • Earlier, CM Jagan inaugurated a Pharma unit in Paravada SEZ, further boosting employment opportunities in the region. • CM also launched beach cleaning machines, emphasizing the importance of maintaining clean and pristine beaches in the state.
Students exhorted to work on LTA systems	<p>In News: Vijayawada: Students exhorted to work on LTA systems</p> <ul style="list-style-type: none"> • Prof Rajkumar S Pant, Professor of Aerospace Engineering, in his lecture at SRM University-AP stated that If we start working today towards developing Lighter Than Air (LTA) systems, in 10 years India will lead the way in sustainable air transportation <p>Key Points:</p> <ul style="list-style-type: none"> • The seasoned expert from IIT Bombay delivered a lecture on 'The Design and Development of Lighter Than Air Systems' as part of the Distinguished Lecture Series 2023 organized by the Department of Mechanical Engineering. • The lecture extensively discussed the latest developments in the area of conceptual design, sizing, design, development and flight/field testing of LTA Systems.
About LTA systems:	Key Points:



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- **Lighter-Than-Air (LTA) systems are vehicles** that achieve flight by creating buoyancy or lift by using lifting gas that is lighter than air.
- The two main types of LTA systems are balloons and airships.
- **Balloons:** They are unpowered LTA systems that drift with the wind.
- They are typically made of a lightweight envelope, such as latex or Mylar, that is filled with a lifting gas, such as helium or hydrogen.
- Balloons can be used for a variety of purposes, including transportation, aerial photography, and scientific research.
- **Airships:** They are powered LTA systems that can be controlled and steered.
- They have a rigid or semi-rigid structure and are typically powered by propellers or jet engines.
- Airships can be used for a variety of purposes, including transportation, cargo transport, and military applications.



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