




தமிழ்



16 September 2023 Current Affairs


<p>TN set to become Green Hydrogen Research Hub</p> 	<p>In News: Tamil Nadu set to become green hydrogen research hub.</p> <ul style="list-style-type: none">• IIT Madras has joined hands with various partners, under the Hydrogen Valley Innovation Cluster in Tamil Nadu' (HVIC-TN) initiative• As part of the initiative, IIT-M will work with various industries on research and development of Green Hydrogen.• The initiative is expected to contribute significantly towards the National Green Hydrogen Mission and help TN become a research hub. <p>Key Points:</p> <ul style="list-style-type: none">• The primary objective of a Green Hydrogen Research Hub is to conduct research and development activities related to green hydrogen technology.• This includes improving the efficiency and cost-effectiveness of electrolysis, and developing advanced storage solutions.• Green hydrogen is produced using renewable energy sources, such as wind or solar power, through a process called electrolysis, which involves splitting water (H₂O) into hydrogen (H₂) and oxygen (O₂).• This form of hydrogen is considered environmentally friendly because it generates no greenhouse gas emissions during its production.
<p>National Green Hydrogen Mission</p>	<p>Key points:</p> <ul style="list-style-type: none">• On 4th January 2023, the Union Cabinet approved the National Green Hydrogen Mission with an outlay of ₹ 19,744 crore from FY 2023-24 to FY 2029-30.• The overarching objective of the Mission is to make India a global hub for production, usage and export of Green Hydrogen and its derivatives. <p>The expected outcomes of the Mission, by 2030, are as follows:</p> <ul style="list-style-type: none">• India's Green Hydrogen production capacity is likely to reach 5 MMT per annum, contributing to reduction in



தமிழ்



Daily Current Affairs Encyclopedia

	<ul style="list-style-type: none"> ● dependence on import of fossil fuels. ● Achievement of Mission targets is expected to reduce a cumulative Rs 1 lakh crore worth of fossil fuel imports by 2030. ● Nearly 50 MMT per annum of CO2 emissions are expected to be averted through production and use of the targeted quantum of Green Hydrogen.
<p>Reviving Public Libraries</p> 	<p>In News: Reviving public libraries will strengthen education</p> <ul style="list-style-type: none"> ● In a thought-provoking article titled “To restore civil society, start with the library,” renowned American sociologist Eric Klinenberg highlighted the pivotal role that libraries play in fostering vibrant democratic cultures. <p>Key points</p> <ul style="list-style-type: none"> ● Tamil Nadu, with its rich heritage, became the first Indian state to introduce a Public Library Act. ● A dedicated Directorate for Public Libraries was established here in 1972. ● But, the current state of public libraries in Tamil Nadu is cause for concern. ● In this Views. TN govt established a substantial ‘Kalaingar Centenary Library’ in Madurai. ● The state government’s efforts have substantially increased literacy rates and the number of libraries across Tamil Nadu.
<p>Ancient burial urn containing skeletal remains unearthed in TN</p>	<p>In News: Ancient burial urn containing skeletal remains unearthed while digging road in TN's Tiruppur city</p> <ul style="list-style-type: none"> ● A burial urn (Mudhumakkal Thazhi) containing skeletal remains was unearthed in TN <p>Key points</p> <ul style="list-style-type: none"> ● The size of the urn was very large and it contained skulls and bones. ● Small pieces of broken pottery were also found around the urn. ● It is believed that the urn is more than 2,000 years old.
<p>Irumbu Penmani scheme</p>	<p>In News: Irumbu Penmani scheme: Phase 2 launched in Virudhunagar</p> <ul style="list-style-type: none"> ● District collector VP Jeyaseelan launched phase 2 of the



தமிழ்



Daily Current Affairs Encyclopedia



Irumbu Penmani scheme,

- Its aims to combat anemia in adolescent girls by providing nutrition kits

Key points

- The Irumbu Penmani (Iron Lady) scheme is a health initiative launched by the Virudhunagar district administration in Tamil Nadu, India, in October 2022.
- The scheme aims to address the issue of anemia among women in the district.
- Those with moderate or severe anemia are provided with a nutritional kit for three months.
- The kit contains raisins, dry figs, red poha, iron syrup, and a protein mix.
- According to the National Family Health Survey 2021, anemia prevalence was found to be the highest among women aged between 12 to 45 years.



தமிழ்

ADDAPEDIA

Daily Current Affairs Encyclopedia

To get free Live Classes,
Materials Scan this QR Code &
Download our Adda247 App



Copyright © by Adda247

All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Adda247.