

# DAILY PT POINTERS

4 June, 2024



### The Hindu-Polity and Governance (GSII)-Page 11

# Telangana's firm, first steps after formation

State formation is not simply a binesticratically designed, technical earload affair but one that is densely located within the social imaginaries and their durable forms

Relampens (say relebvared to years of Sear-House for the controls, distort face 3, 2005, Author Scharge influence on the Just gifter a secon of its former tow

browner, the 20th Made of the indian Union came into being on lane 2, 22H after a long drawn out struggle of more marks and half decades. In birth has of a red in new lope, desire and the states of people along with amounts over its growth and development. The time of Velangarus is its actioned donated be one I within the construct of the biocorical project of State formation of As direct Products. New Ablowing a year of its excession, Telanguna offers some suchd insights and perspectives even the fature of the federal excesses of the holim state particularly in terms of the internal restrictioning of its constituents. States. The levens learns should guide the cubstance issues of State for natura as a political and enhand present, and to on the forework power. State for nature is not skuply a business arrangedly designed, exhaud external affet; but one that is for sely bocated within the social regionics and then durable home this paractice to see how these forms acquire developinal legitimacy over time and legit to affect the political processes of State formation, However, what is notworthy in this is the collaboration – blac-legical and political – between clares were listable to teles where nictions begin to be affected more after

The demand for Telegram rate or tracer of Interfects that england inequalities and their associated forms of demanders est infroduction over people belonging and individualities were people belonging to different regional and authorizated locations. The leaded forms of deminators and attentives peoplets and one the marginalised sections, appendig tribule and presents, continue to obstitute egg table resources and funds effections. Unless the government of the day is section about a necleoning fixed inequalities, its various schemes and programmes of social welfare and empowement of the disadvantaged sections will require incomplete in realising the "Telegora Sentimen". Telegoras historic struggle has before low the matery of socia-moneraily regardities care proclaim new street of public opinion and of their potential to transform democratic spaces. It is in this compact that the Tolongaru State must has the season of signature for his section of the for "transformation", not just for the power of pulltus but for social justice and equality moving beyond more identity. of her. The total cases the appropriation depulsed and loose of the Telephone truggle must not be reduced to a sheer are all words and images among competing groups and political purities. The opinholic politics must not be the could from the every digrams of the life. regries of prospects, to bols and other entired sections. The wellfield congraphes of the Telogiana straggle nar: provide naver vocabularies to write riph and registers of development They must or sure the buildle backage of loate begins to cours, standly and



Covered at deceate: Of some financiary beaming a populary pointing on Taken pains better formation year. are typicalled or June 2, 2005, second 3

character Scotte cannot servere the fair. distribution of concrete and opportunities of writer among people reportuned to deliber matter artifacts of places of not desire.

White two creates after to formation, a state wide from rehald a away, Survagos, Kasumba Survey, van hat dion August 18, 2014 to count and number people of "made, retains" as fixing librarically justified residents of Telungous in orders approximate of from "mon-patyer" or attacks, it was board that the doacollected would be politically used to strengthen the strength of a fire felangiana Radia or Samili (filissi admiss the State, and track to come the potential. beneficiaries of government action as. Any kind of enumerative legic, as in: Backing as seminded long ago, can have serious leaptications for producing identity politics. A move for nativity or indigencity our typovide legitionus. committee of whereasters in the other than combarted rights and the Southdes of people conflict arbitrarch conflict. The process of a democratication of rights in instantly hallot countrie automater.

cauge: se people and that identifies to said the particular interests of the state. Surveys and statistical classifications ran help only if the flare wants to reach our to the people to provide non-discriminatory benefits of its regions have nonmeral. policies, programmes and initiative However, the region of the state to both solerant reand procedural affairs must not contradict the liveth the offenty of people based on their history, large use enture and region. These attention along as about the four atom of seven biometrics and their forms of magazities. reservative into the discourses of development and democracy, Mr. E. Chandrasekhar Rao, Chief Kinister o Pelangura, don't leave from what for N Character States Nation Class Microsoper and undivided Andibus Prodeck, did in 1966 in terms of a household survive in determine the agenda of economic reform. Let the countendon not become a roadult for the market or corporate indonality

The special package status under Article 271-0. that the Tellingers Calef Minister daman hed from the Comme within a week. of its formation, prospered be resemply fallill populatic schemes. The bifuncation

etwarfs of socio-economic political deviousing and regional bases of dentities becaming the creation of Street a contemporary times. Due stace the mitted some soft present after the manager are Andrew Products in 1856, it has ontinued to be in the forefront of political visions based on the equitable. Instrumentation of resources, on festive political participation, recognition of cultural electrics and their social diversity. The rigorificant changes ashered from prefire the takes of the processes. Citates' recoverable ation to the resempency calls the the creation of tradler states show artifical shifts to ledian politics over questions of statu atheres, and its peritorial chains The resolution of the Congress working Committee in 2001 for the enting up the Second State Acceptance to Commission (SSRC) was meant to evaluate the rationals of demands its issufter States such as Telongone, Viderbita, Manufescula, a

division of Other Products and various Clear.
It is now done that the SSRC is: take stock of these domains in a more comparing sive matures. The period 853-56 tells or an epic story about the certain of Andhor Steer and is vericeral major for country cooring and with the reconnectation of State Recognitisation Commission from sites the indexed dissign and the democratic potential of the ladios state. was gust into place giving specific powers to the Comme over its units. Tokungana Size and its democratic read map will of the Indian State to bring in newsor promises and wishes of an equitorian and, and model-political order.

Aske Serveys on a Projector of the Gostor

For Problems Studies, 1983, New Delhi

to significant implications for resource generation and all result from the both the Steam As the time of the outh-taking

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developmental precious are based on wind plus of equitable and far-

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making a "State from power-deficit to (a) water-to plus state" in the next fire point

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reserval and natural resources - must be e committed keeping to not all the pressions of tribal rights over the labitation and the use of the land they

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economic inequalities. The bour of andiese eee of ritials, presums and aurginalized sections may no be legation in this dream of making Tellingate a model trace for others.

State reorganisation Much like the States of Chiartingari

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Breaton and acquisition.

hickfrand/better/14ted icensosyement of tribals and reasons Telangana was carved out of erstwhile unified Andhra Pradesh on June 2, 2014, and it was created as the 29th state with Hyderabad as its capital.

- The Andhra Pradesh Reorganisation Act (2014) bifurcated Andhra Pradesh into two separate states.
- The Andhra State Act (1953) formed the first linguistic state of India, known as the State of Andhra, by taking out the Telugu speaking areas from the State of Madras (now Tamil Nadu).
- Formation of States in India: Article 3 of the Indian Constitution: It provides for the creation of a new state through a bill tabled in Parliament on the President's recommendation after consultations with the legislatures of the affected states.
- Parliament may create new States in a number of ways, namely by: separating territory from any State; uniting two or more States; uniting parts of States; and uniting any territory to a part of any State.
- Parliament's power under Article 3 extends to increasing or diminishing the area of any State and altering the boundaries or name of any State.

### The Hindu-S&T(GSIII)Page 14

# ICMR seeks to provide oral formulation of hydroxyurea to treat sickle cell disease

Bindu Shajan Perappadan NEW DELHI

The Indian Council of Medical Research (ICMR) has invited Expressions of Interest (EoI) from eligible organisations for the "joint development and commercialisation" of a low dose or paediatric oral formulation of hydroxyurea to treat sickle cell disease in India.

India has the highest prevalence of sickle cell disease in South Asia. Over 20 million people with the disease live in the country. While most pharmaceutical companies in India market 500-mg capsules or 200-mg tablets of hvdroxyurea, the biggest challenge in treatment is that it is not available in the suspension form for effective use in the case of paediatric patients, the ICMR said.

Sickle cell disease is one



Over 20 million people with sickle cell disease are residing in India. AP

of the most common monogenic disorders of haemoglobin, and hydroxyurea, a myelosuppressive agent, is an effective drug for treating patients of sickle cell disease, and thalassemia.

### Risk of low dose

The ICMR said that since only high-dosage hydroxyurea tablets are available, initiating a low-dose treatment becomes a tedious task for service providers, as the capsule or tablet has to be broken down appropriately to be administered in accordance with body weight, risking the efficacy available with measured doses.

"Thus, there is a need for paediatric formulation of HU (hydroxyurea), considering the number of SCD cases in India and in view of the launch of the National Mission to eliminate Sickle Cell Anaemia/ SCD (by 2047)," it said.

The ICMR, which is the apex biomedical research body in the country, also said that in India, according to the National Health Mission's guidelines, healthcare providers initiate hydroxyurea therapy to only symptomatic sickle cell disease patients among children both because of the lack of availability of paediatric doses as well as the fear of toxicity.

In children, the prescribed dose is 10 mg to 15 mg per kilogram of body weight after two years of age. This titration of dose is difficult, and currently, it is carried out by using a fraction of the broken capsules, which is not an appropriate method because it can lead to less accurate administration of the drug, which has five dose-related side-effects.

### Titration of drug

With the availability of a formulation, the titration of the drug can be better, and its dose-related side effects can be reduced.

The council said that it could enter into any form of exclusive or non-exclusive agreement with eligible manufacturing companies for joint development and commercialisation of paediatric oral formulations of hydroxyurea for sickle cell disease.



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The Hindu:\_GS 3-S&T



ISRO's Launch Vehicle Nark IS M4 carrying "Chandrayaan-1" lifts off on July 34, 2023. ISRO says initial aerodynamic design studies for launch vehicles demand evaluation of many configurations.

### ISRO develops new PraVaHa software for aerodynamic design

The Hindu Bureau RENGALURU

The Indian Space Research Organisation (ISBO) has developed Computational Fluid Dynamics (CFD) software named Parallel RANS Solver for Aerospace Vehicle: Aero-Chermo-dynamic Analysis (PraVaHa).

This software was developed in ISRO's Vikram Sarabhai. Space Centre (VSSC). It can simulate external and internal flows on kunch vehicles, winged and non winged re-entry vehicles. According to IS-RO, initial aerodynamic design studies for launch vehicles demand evaluation of a large number of configushape, structure, and Thermal Protection System (TPS) required for these bodies.

The unsteady part of aerodynamics contributes to
serious flow issues around
such rocket bodies and
creates significant acoustic
noise during the mission.
Computational Fluid Dynamics (CFD) is one such
tool to predict the aerodynamic and aerothermal
loads which solve numerically the equations of conservation of mass, momen(um, and energy along
with the equation of state.

PraVaHa has been used extensively in the Gaganyaan program for aerodyramic analysis of humanrated hunch vehicles, viz.



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PraVaHa has been used extensively in the Gaganyaan program for aerodynamic analysis of human-rated launch vehicles, viz, HLVM3, Crew Escape System (CES), and CM. Currently, the PraVaHa code is operational to simulate airflow for Perfect Gas & Real Gas conditions.

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**Indian Express :\_GS 2-Welfare Schemes** 

# Over 1 lakh farmers voluntarily gave up their PM-Kisan benefits last year

### HARIKISHAN SHARMA

NEW DELHI, JUNE 3

BIHAR, UTTAR Pradesh and Rajasthan lead the chart of 1.16 lakh farmers who have voluntarily given up the benefits of the annual Rs 6,000 Pradhan Mantri Kisan Samman Nidhi (PM-Kisan) scheme across the country from June 2023 to May 2024, according to data available with

### THE TOP 5 STATES

No. of beneficiaries who surrendered PM-Kisan

Bihar 29.176

Uttar Pradesh 26,593

Rajasthan 10,343

Maharashtra 7,825

Jharkhand 6,21

the Ministry of Agriculture & Farmers Welfare.

The state breakup: 29,176 farmers families, the maximum, surrendered PM-Kisan benefits in Bihar; followed by Uttar Pradesh (26,593) and Rajasthan (10,343).

Sources said the Agriculture Ministry had introduced a module in the PM-Kisan mobile app and website last year which

CONTINUED ON PAGE 2



- PM-KISAN is a central sector scheme launched on 24<sup>th</sup> February, 2019 to supplement financial needs of land holding farmers.
- Financial benefit of Rs 6000/- per year in three equal installments, every four month is transferred into the bank accounts of farmers' families across the country through Direct Benefit Transfer (DBT) mode.
- The scheme was initially meant for small and marginal farmers (SMFs) having landholding upto 2 hectares but scope of the scheme was extended to cover all landholding farmers with effect from 01.06.2019.

### Indian Express GS 2 –Polity and Governance-Page 14

# From 8 am today: how votes will be counted

DECISION

### RITIKACHOPRA

NEW DELHI JUNE 3

OVER THE last month and a half, 642 million staff drawn from Group D employees, and a Where will the votes be counted? time for them to be heard.

The counting of votes will begin at 8 am emerge over the following four hours.

### Who will be in charge of the counting

number of counting tables.

vision and direction of the Returning Officer tion agent cannot be present at every count-Returning Officers says: "For the (RO) for each seat, in the presence of the can-ing location and table, the law permits the sake of uniformity, the date and didates and their election agents. The RO, candidate to appoint as many counting time of counting of votes is fixed who is typically the District Magistrate of the agents as there are counting tables, includ-by the Commission." The locadistrict concerned, is nominated by the ling the table where postal ballots are lition of the counting is deter-Election Commission of India (ECI).

Assistant Returning Officers (AROs) are The following are allowed to enter the "preferably" be at the RO's headquarters in cast through postal ballots (which are used Only the Control Unit of the EVM used at for the next round to be brought from the also empowered to oversee the counting, escounting, escounting hall: counting supervisors, count - the constituency, However, the ECI notes that for senior citizens, physically challenged in-each polling station is needed to determine strong room into the counting hall. pecially where an RO is responsible for more ing assistants, micro-observers, ECI-autho- "there will be no legal objection even if the dividuals, service voters, etc.) Postal ballots the poll results for that station. The Ballot The tallying of VVPAT (Voter Verified than one constituency. The actual counting of rised individuals and Observers, public ser-place so fixed is outside the limit of the con-are counted separately from EVM votes. votes in the Electronic Voting Machines vants on election duty, and candidates, stituency" (EVMs) at various tables is done by counting election agents, and counting agents. officials appointed by the RO, based on the Police officers and government ministers stituency are counted at a single location. at the RO's table.

voters have spoken in the largest democratic micro observer. The micro observer is reexercise in the history of the world. It is now sponsible for the sanctity of the counting votes") of The Conduct of Election Rules, room walled on all sides preferably with sepdidates or their election agents before being II-Result of Counting of Form 17C. If needed, process at his/her table. These officials are chosen from a database least one week before the date, or the first of structed separate rooms are not available, graphed with date and time stamps. on Tuesday. Fairly clear trends are likely to of officers using software developed cen- the dates, fixed for the poll, appoint trally by the state's Chief Electoral Officer. the place or places where the

### A counting hall may have several count- the counting will commence..."

Counting is carried out under the super- ing tables. Since the candidate or their elec- The ECI's Handbook for

And who are these counting officials? or Assistant RO, is permitted to carry a mobile parliamentary constituency is to be counted stored, is opened in the presence of the the result button, and the total number of Each counting table has a counting suphone inside the counting hall. The only per- in a separate hall and under no circum- Observer, RO/ARO(s), and the candidates or votes for each candidate and NOTA(None of pervisor who is typically a gazetted officer son who can do so is the ECI's Observer. stances can the counting of more than one their election agents. or equivalent, a counting assistant, counting

1961, says that the "returning officer shall, at arate exit and entry facilities"; if pre-con- broken. The entire procedure is video- the result button can be pressed again to al-

counting of votes will be done Who is allowed inside the counting hall? and the date and time at which

mined by the RO and should

context. No one, including the candidate, RO, constituency or an Assembly segment of a Strong Room, where the polled EVMs are official activates the Control Unit and presses each VVPAT machine.

Assembly constituency be taken simultane- After making the necessary entries in the display panel

porary partitions.

logbook maintained for this purpose, the seal 
The counting supervisor records the re-

ate halls, with each part consti- arranged in rows and numbered sequentuting a hall separated by tem- tially. Seating arrangements are made for How are the results announced? counting agents at each table.

a maximum of 14 counting ta- around each counting table to ensure that has conducted a parallel count of two ranbles, in addition to the RO's table. the EVMs are not physically accessible to domly selected EVMs, a tabulation for the the counting agents. The agents are re-round is done. How does the counting begin quired to remain seated beyond the wire

the Above) at the polling station appears on

large rooms should be divided to cre- EVM counting is organised on tables results. The control unit is then turned off.

After all EVMs for a particular round Each counting hall can have Barricades or wire mesh are set up have been counted, and the ECI Observer

The RO announces the result of that round of counting, and signs the relevant Two types of votes are At each counting table, the votes cast at record (Part II of Form 17C). Following this, counted: EVM votes, and votes one polling station are addressed at a time. the RO/ARO verbally authorises the EVMs

The process begins with the counting of Along with the Control Unit, the vote ac-rounds of EVM counting are completed. This Votes for a specific Assembly conpostal ballots. All postal ballots are counted count recorded in Form 17C for that polling process is done sequentially, not simultanestation is provided to the counting table. ously, for all polling stations. On average, it lanticipated number of postal ballots and the are not classified as "public servants" in this However, the ECI says that "each Assembly EVM counting starts 30 minutes later. The After inspecting the paper seals, the counting takes about an hour to verify the slips from



The counting of votes will begin at 8 am on Tuesday. Fairly clear trends are likely to emerge over the following four hours.

### Who will be in charge of counting of votes?

Counting is carried out under the supervision and direction of the Returning Officer (RO) for each seat, in the presence of the candidates and their election agents. The RO, who is typically the District Magistrate of the district concerned, is nominated by the Election Commission of India (ECI).

Indian Express :GS 3-S&T(Page 14

AMITABH SINHA NEW DELHI, JUNE 3

Agnikul, successfully launched its Vikram rying payloads between 30 kg and 300 kg to rocket. named after Vikram Sarabhai, the lower earth orbits, Skyroot's Vikram, also

atively named Agnibaan rocket builds on tions, broadcasting, disaster the success of Skyroot, and signals the range management, aishankar congratulated the company for launching commercial satellites on their

is slightly more powerful and can carry pay-velopmen

legendary space leader credited for build- has a few variants, with similar capabilities. fact that its semi-cryogenic engine is en- been carried out from one of the two ISRO alone. Dozens of space companies have ing BRO in its early years. That moment too Both are targeting the small satellite tirely 3D printed. The engine does not have launch pads at Sriharikota. Given the come up in the last few years, operating in MIDSTALL the political activity around the had been hailed by the President, PM, and market to cater to a rapidly growing de- any components or moving parts at all. prospect of a sharp rise in the number of different segments of the space market mand for a variety of space-based applicaThere are no joints, no welding, and no fusspace launches, ISRO is in the process of desatellites, space-based applications, hard-The inaugural flight of Agnikul's cre- tions in diverse areas such as communica- ing. It is a smooth single piece of hardware. veloping a second space port, at ware, communications, data centres, and

Vehicle, to serve this demand. SSLV, which source of error. Agnibaan's engine, named every year.

The use of 3-D printing in Kulasekarapattinam in Thoothukudi dis-everything else, Many have already started space hardware is not a novel trict, Tamil Nadu. It is meant to be used to make their mark.

ISRO itself is developing a new rocket, that is an assembly of several moving ever it wants. Agnikul is hoping to carry out points, each joint or wiring is a potential 35 to 40 launches of its Agnibaan rockets other countries, inviting other companies

The uniqueness of Agnibaan lies in the for India. Thus far, all space launches have sector for private participation. They are not

With private players also coming in.



'Agnibaan - SOrTeD' Sub-Orbital Technology Demonstrator also has the unique distinction of having been launched from India's first private launch pad called 'Dhanush' established by Agnikul. It is also India's first semi-cryogenic engine-powered rocket launch.

The key purpose of this mission, which is also Agnikul's first flight, is to serve as a test flight, to demonstrate the inhouse and home grown technologies, gather crucial flight data and ensure optimal functioning of systems for Agnikul's orbital launch vehicle, the 'Agnibaan'.

The flagship launch vehicle, 'Agnibaan', is designed to be compatible with the mobile launchpad called 'Dhanush,' allowing for launch flexibility regardless of location. Agnibaan can be configured to accommodate payloads ranging from 30 kg to 300 kg, ensuring versatility across a wide range of mission requirements.

### PIB:GS3/Economy

Ministry of Cooperation

National level Coordination Committee for the World's largest grain storage plan holds its first meeting in Delhi

The ambitious plan envisages to transform PACS into Multi-Service Societies

States of UP, MP, Rajasthan, Gujarat, Maharashtra, Tamil Nadu, Karnataka, Assam, Tripura, Uttarakhand and Telangana have implemented its pilot project

Posted On: 03 JUN 2024 5:30PM by PIB Delhi

he National Level Coordination Committee (NLCC) for the World's largest grain storage plan held its maiden meeting in the Ministry of Cooperation, New Delhi on Monday.



- The National Level Coordination Committee (NLCC) for the world's largest grain storage plan held its inaugural meeting at the Ministry of Cooperation in New Delhi on Monday. The committee reviewed the implementation status of its pilot project, initiated last year across 11 states.
- This plan aims to develop various agricultural infrastructures at the Primary Agricultural Cooperative Societies (PACS) level. These include warehouses, custom hiring centers, processing units, and Fair Price Shops. The initiative integrates several existing Government of India (GoI) schemes such as the Agriculture Infrastructure Fund (AIF), Agricultural Marketing Infrastructure Scheme (AMI), Sub Mission on Agricultural Mechanization (SMAM), and the Pradhan Mantri Formalization of Micro Food Processing Enterprises Scheme (PMFME).

PIB:GS2/Health

Ministry of Science & Technology

CSIR's 'Phenome India' Project Hits Target with 10,000 Samples Collected, Aims for New Era in Precision Medicine

First ever Pan-India Longitudinal Study to Enable Better Prediction Model for Cardio-Metabolic Diseases in India: Senior Principal Scientist, CSIR-IGIB

Posted On: 03 JUN 2024 5:51PM by PIB Mumbai

Goa, 3 June 2024



- The Council of Scientific and Industrial Research (CSIR) announced the successful conclusion of the first phase of its groundbreaking longitudinal health monitoring project, the 'Phenome India-CSIR Health Cohort Knowledgebase' (PI-CheCK).
- Launched on 7th December 2023, the PI-CHeCK project aims to assess risk factors in non-communicable (cardiometabolic) diseases within the Indian populace. This unique initiative has already enrolled nearly 10,000 participants, who have volunteered to provide comprehensive health data. These participants include CSIR employees, pensioners, and their spouses from across 17 states and 24 cities. The collected data encompasses a wide range of parameters, including clinical questionnaires, lifestyle and dietary habits, anthropometric measurements, imaging/scanning data, and extensive biochemical and molecular data.