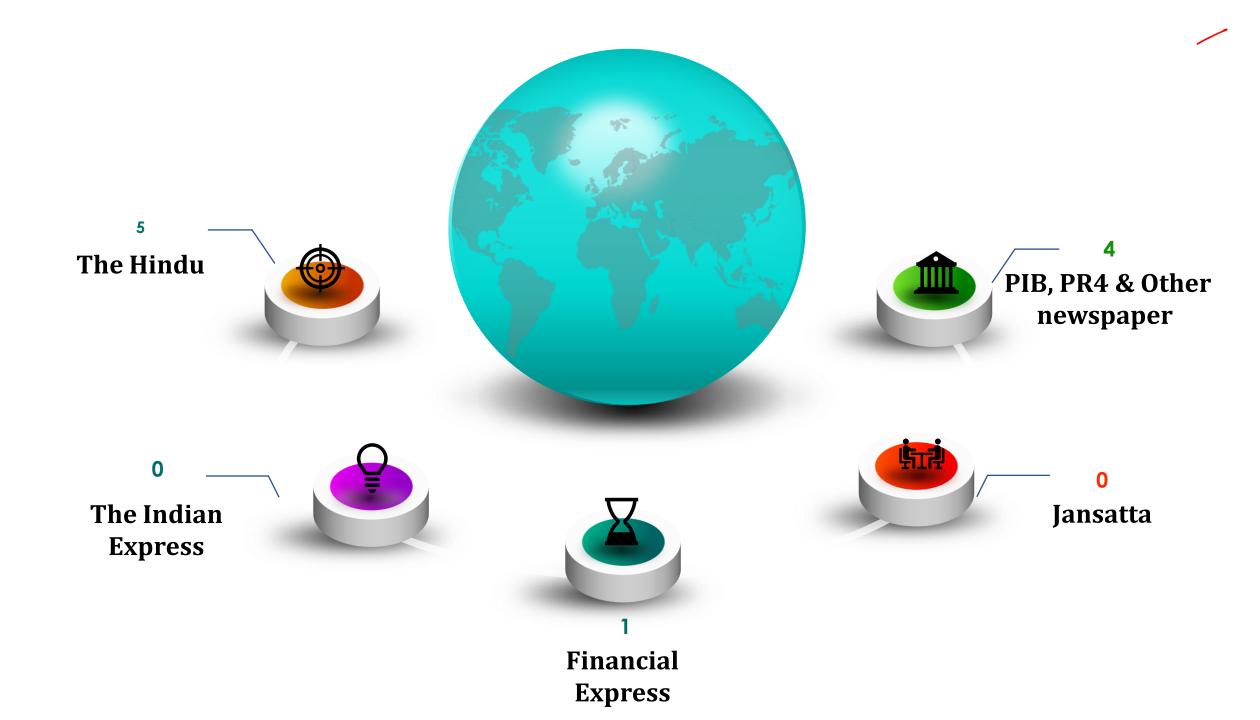
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It takes nothing to join the crowd. It takes everything to stand alone.

-Hans F. Hansen



370 in 2019.

70 in 2019. Haryana will vote in a

ingle phase on October 1, and the counting of votes for both Assemblies will be held on October 4. "People in Jammu and

"People in Jammu and Kashmir opted for ballots instead of bullet and boy-cott [during the recent Lok Sabha election]. The Valley reached a new peak, wit-nessing a 30-point jump in poll participation from



Two-day ceasefire talks wrap up WORLD » PAGE 12



2019, "Chief Election Commissioner Rajiv Kumar said at a press conference to announce the poll dates.

J&K voters last went to the polls to elect an Assembly in a five-phase exercise in November and December 2014.

While upholding the scrapping of Article 370 last year, the Supreme

last year, the Supreme Court had directed that As-sembly polls be held in J&K

by September 30. Asked why the poll body overshot the top court's deadline,

5 53 5 CONFLICT OF INTEREST Buch earned revenue in breach of rules: report

In Kolkata, rape, murder. and rampage Terrible conditions of trainee doctors exposed



Paralympics team gets grand send off



Thai lawmakers elect Shinawatra heiress as PM

BANGKOK
The 37-year-old daughter of
billionaire Thaksin Shinawatra,
Paetongtam Shinawatra,
became Thailand's Prime Minister Friday, the third member of the influential but divisive clan to lead the country. » PAGE 12

NDA members get into huddle at Nadda's residence

formulation as a "secular civil code", the members of the ND/ met at BJP chief J.P. Nadda's

residence. » PAGE 4 Demonetisation success claim an eyewash: Jairam

NEW DELHI

The government's assertion that the number of counter otes detected has fallen is an notes detected has fallen is an "eyewash," the Congress said on Friday. Adding, the number of counterfeit ₹500 notes of the new series has nearly quadrupled between 2018-19 and 2023-24. » PAGE 5

Aadujeevitham bags nine Kerala film awards

THIRUVANANTHAPURAM Addujeevithom, based on a real-life saga of human resilience in the face of unimaginable suffering, garnered nine awards ncluding the top honours of Best Director for Blessy at the

J&K polls to be held in 3 phases from Sept. 18

This will be the first Assembly election in a

decade and since the revocation of Article 370 reeparna Chakrabarty 2019," Chief Election Com

Haryana to vote in a single phase on October 1; counting of votes for both Assemblies on Oct. 4

Jammu & Kashmir: The election in the U.T. will be held in three phases

says CEC; heavy security deployment expected



Battle lines drawn: Chief Raily Kumar with fellow Election

the top courts' deadline, Mr. Kumar said the EC had considered several factors, between the considered several factors, because and the considered several factors, because and fair elections with great panels and the considered several factors, because and fair elections with great panels and panels and panels and panels are part of the State/UT," he added.

Sew of transfers

Sew of transfers

**Abeld about the series of real rounds of consultations of the panels and panels are part of the state/UT," he added.

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Haryana: All 50
Assembly constituencies in the State will go to the poils on October 4 Assembles to Cotober 1
October 1
October 1
October 2
Assembles constituencies occurrence occurrence

nue in the Assembly elec-tion as well, he added. J&K has 87.09 lakh vo-ters, of which 44.46 lakh are men, and 42.62 lakh are women, while 3.71 lakh are first-timers. The first phase of voting will take

that the government was permitted to transfer offi-cials until the Model Code of Conduct comes into ef-fect. However, he pro-mised that the EC will in-tervene if any official who have been transferred in will go to the polls in the second phase, and 40 seats in the third phase.

Haryana poll In Haryana, 2.01 crore vo-ters – including 1.06 crore men, 95 lakh women, and 4.52 lakh first-timers – will exercise their franchise in 90 Assembly constituen-cles has been transferred is found interfering in the free and fair conduct of the

polls, and will not allow the level-playing field to be disturbed. disturbed.

The simplification of the voting process for Kashmiri migrants, which had been initiated during the nominations of Haryana is September 12, the date of and the date of withdrawal Lok Sabha poll, will contiof candidatures is Septem-ber 16.

The current Harvana Assembly's term ends on No-vember 3. In 2019, the BIP had

Interstellar itinerary



Modi speaks to Yunus, calls for safety of Hindus

Modi on Friday spoke to Muhammad Yunus, Chief Adviser of the new interin Adviser of the new interim government in Bangla-desh, and reiterated his call for safety and security of "Hindus and all other minority communities" in the neighbouring country. The two leaders spoke for the first time against the backdrop of the fast-moving developments in Bangladesh

Bangladesh.

"Received a telephone call from Professor Muhammad Yunus. Exchanged views on the pre-vailing situation. He assured protection, safety and security of Hindus and all minorities in Bangla-desh," Mr. Modi said on X.

IMA announces 24-hour withdrawal + of health services



ciation (IMA) has an-nounced a 24-hour with-drawal of health services by all doctors of modern medicine across the coun-try, irrespective of the sec-tor and place of work.

Emergency and casual-ty departments will func-tion but no outpatient ser-vices and elective surgeries will be available, it said. The withdrawal of ser-The withdrawal of ser-vices is from 6 a.m. on Sa-turday to 6 a.m. on Sunday. Doctors are protesting against the rape and mur-der of a young doctor at the R.G. Kar Hospital in Kolkata on August 9. In a release issued on Priday. the IMA said that the inci-dent has brought to fore the two dimensions of violence in the hospital - one, a crime of barbaric scale due to the lack of safe spaces for women and the oth-er, the hooliganism that followed due to the lack of an organised security protocol.

'Shocked the nation'

"The crime and the van-dalism have shocked the dalism have shocked the conscience of the nation. Today, both the medical fraternity and the nation are victims," said IMA national president R.V. Asokan.
"The 36-hour duty shift

resident doctors," the IMA stressed. Dr. Asokan said that doctors were also seeking meticulous and profession al investigation of the crime and rendering of jus-tice. "We also want proper identification of those who vandalised the hospital

the lack of safe spaces to rest warrant a thorough overhaul of the working and living conditions of the

vandalised the hospital and punishment. Appro-priate and dignified com-pensation should be given to the bereaved family." Delhi Medical Associa-tion president-elect Girish Tyagi said, "We are with the resident doctors as they are not getting the proper working conditions. In case their de-mands are not addressed in the next phase of the strike, emergency services will also be shut down."

government on Friday said that "in the event of any on duty, the head of insti-tution shall be responsible for filing an institutional

Aattam top film, Kantara's Rishab the best actor as regional movies steal the show at National Film Awards

The National Film Awards for 2022, announced on Friday, was dominated by regional movies, with Aar-tam (The Play) in Malaya-lam being adjudged the Best Feature Film. Rishab Shetty won the Best Actor award for his role in Kantara (Kannada), and Nithya Menen and Manasi Parekh shared the Best Actress award for Thiruchitramba-lam (Tamil) and Kutch Exoress respectively.

category and for screen-play (Anand Ekarshi) joint-ly with Hindi film Gulmo-har (Arpita Mukherjee and Rahul V. Chittella); Kantara also won the award for the Best Popular Film Provid-ing Wholesome Entertain-ment.

The Best Choreography award went to Jani Master and Sathish Krishnan for their work in Thiruchi-

The award for Best Di-The award for Best Di-rection went to Sooraj R., Barjatya for Uunchai: Ze-nith (Hindi). Pavan Raj Mal-hotra won the Best Sup-porting Actor award for Fouja (Haryanvi) and Nee-na Gupta won the Best Malayalam film Agttom, directed by Anand Ekarshi, won the Best

Film, Best Editing and Best Screenplay awards

Supporting Actress award for Dunchair Zentih in the feature films category. While Nile Joshi won the Footge was also adjudged award for Kutch Express. Manacategory the debut film category. Gulmohar got the Best Addhys for Aparqilto: The

A.R. Rahman won the award for Best Music Direc-tor (background music) for Mani Ratnam's Ponnyin Selvan-Part I (Tamil), which was also selected as which was also selected as the best Tamil film and won awards for the Best Ci-nematography (Ravi Var-man) and the Best Sound

for best make-up (Somnath Kundu). The Best Lyrics

dar Khan for his work in

Brahmastra-Part 1: Shi-wa has been adjudged the best film in the Animation, Visual Effects, Gaming & Comic category. Ayena: Mirror (Hindu/ Urdu) bagged the award for Best Non-Feature Film. Design (Anand Krishnamoorthi). Pritam won the Best

Music Director (songs) award and Arijit Singh was adjudged the Best Male Playback Singer for the song, "Kesariya", both for

Brahmastra-Part I: Shiva. The Best Female Play-back Singer award went to Padma Shri awardee Bom-

bay Jayashri for "Chaayum Veyil", a song in Saudi Vel-laka CC 225/2009, which

also won the award for the Best Malayalam Film.

Brahmastra-Part 1: Shi-

J&K polls to be held in 3 phases from Sept. 18

This will be the first Assembly election in a decade and since the revocation of Article 370

Haryana to vote in a single phase on October 1; counting of votes for both Assemblies on Oct. 4

Making it count | A look at key dates of the two States heading to the polls

Lok Sabha voter turnout in J&K was encouraging, says CEC; heavy security deployment expected

Sreeparna Chakrabarty NEW DELHI

he first Jammu and Kashmir Assembly election in a decade will be held in three phases on September 18, 25 and October 1, the Election Commission (EC) announced on Friday. This will also be the first Assembly poll in J&K since the revocation of Article 370 in 2019.

Haryana will vote in a single phase on October 1, and the counting of votes for both Assemblies will be held on October 4.

"People in Jammu and Kashmir opted for ballots instead of bullet and boycott [during the recent Lok Sabha election]. The Valley reached a new peak, witnessing a 30-point jump in poll participation from 2019," Chief Election Commissioner Rajiv Kumar said at a press conference to announce the poll dates.

J&K voters last went to the polls to elect an Assembly in a five-phase exercise in November and December 2014.

While upholding the scrapping of Article 370 last year, the Supreme Court had directed that Assembly polls be held in J&K by September 30. Asked why the poll body overshot the top court's deadline, Mr. Kumar said the EC had considered several factors, including the weather, the December 2023 amendment to reserve seats for Scheduled Castes and Tribes, and the Amarnath Yatra, which ends on August 19.

Mr. Kumar noted that conducting the Assembly

Jammu & Kashmir: The election in the U.T. will be held in three phases Poll schedule Phase 1 (24 ACs*) September 18 Phase 2 (26 ACs) September 25 ANANTNAG Phase 3 (40 ACs) October 1 Harvana: Votes will All 90 be counted Battle lines drawn: Chief RAJOURI Assembly on October **Election Commissioner** constituencies in 4 for both Rajiv Kumar with fellow Election Assemblies the State will go Commissioners addressing a press to the polls on *ACs: Assembly

election in J&K requires a considerable deployment of Central and State police forces to ensure peaceful, free and fair elections with fearless participation of voters, especially in vulnerable areas.

conference, SUSHIL KUMAR VERMA

"Mobilisation, deployment and disengagement of these forces with minimum criss-cross movement and optimal utilisation involved complex planning and detailed analysis, carried out over several rounds of consultations with the senior officers of the Ministry of Home Affairs/[Central Armed Police Forces] CAPFs/Police Nodal Offic-

ers of the State/UT," he added.

constituencies

Slew of transfers

October 1

Asked about the series of transfers and postings which took place in the J&K administration late on Thursday evening and Friday morning just hours before the poll date announ-

cement, Mr. Kumar said that the government was permitted to transfer officials until the Model Code of Conduct comes into effect. However, he promised that the EC will intervene if any official who has been transferred is found interfering in the free and fair conduct of the polls, and will not allow the level-playing field to be disturbed.

The simplification of the voting process for Kashmiri migrants, which had been initiated during the Lok Sabha poll, will continue in the Assembly election as well, he added.

J&K has 87.09 lakh voters, of which 44.46 lakh are men, and 42.62 lakh are women, while 3.71 lakh are first-timers. The first phase of voting will take place in 24 Assembly con-

stituencies, while 26 seats will go to the polls in the second phase, and 40 seats in the third phase.

Harvana poll

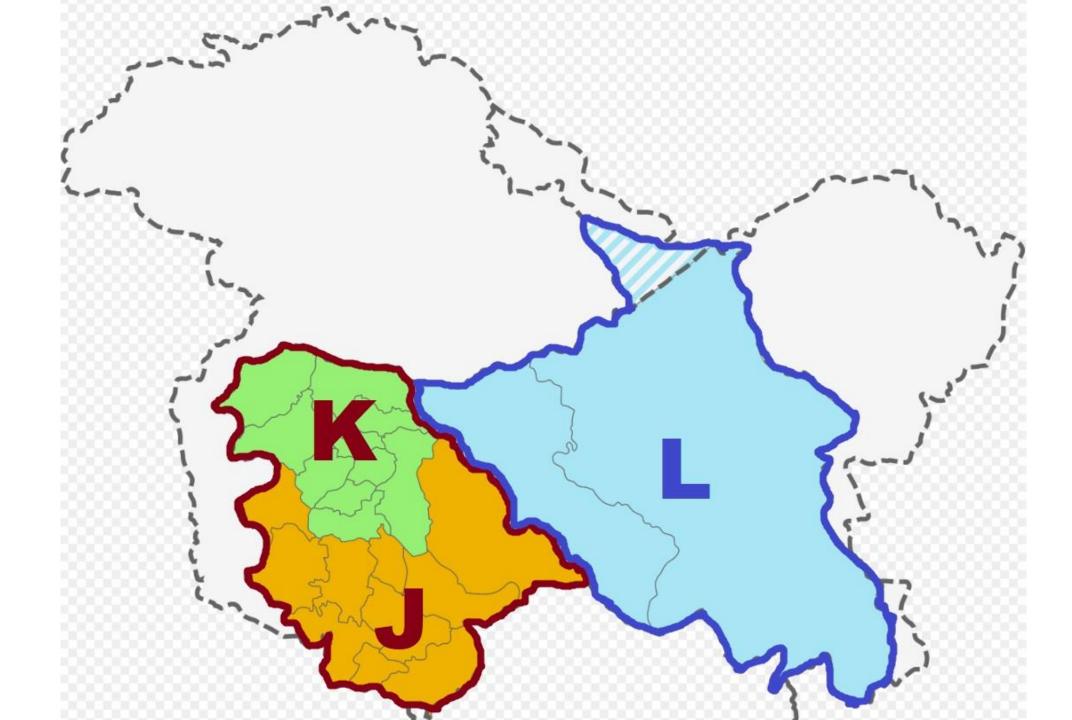
In Haryana, 2.01 crore voters – including 1.06 crore men, 95 lakh women, and 4.52 lakh first-timers – will exercise their franchise in 90 Assembly constituencies.

The last day to file the nominations of Haryana is September 12, the date of scrutiny is September 13, and the date of withdrawal of candidatures is September 16.

The current Haryana Assembly's term ends on November 3.

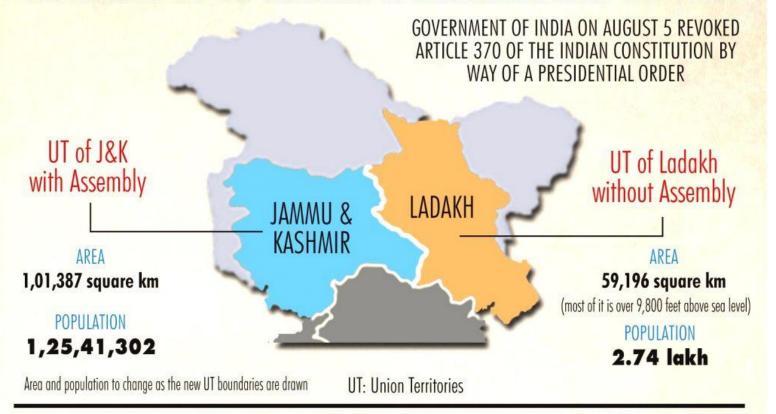
In 2019, the BJP had won 40 of the 90 seats and formed the Haryana government in alliance with the Jananayak Janta Party.

Union territory	31 October 2019
Capitals Districts	Srinagar (May- October) Jammu (November- April) ^[4] 20
Government	
BodyLieutenant	Government of Jammu and Kashmir Manoj Sinha
GovernorNationalParliamentHigh Court	Parliament of India : Lok Sabha (5) High Court of Jammu and Kashmir and Ladakh
Area ^[a]	
• Total	42,241 km ² (16,309 sq mi)
Highest elevation ^[5] (Nun Peak)	7,135 m (23,409 ft)
Lowest elevation (Chenab River)	247 m (810 ft)
Population (2011) ^[6]	
TotalDensity	12,267,013 290/km ² (750/sq mi)
Languages • Official	Kashmiri, Dogri, Urdu, Hindi, English ^{[7][8]}
• Spoken	Kashmiri, Gojri, Pahari, Punjabi, Bhadarwahi, Sarazi, Khowar, Shina, Burushaski, Bateri ^[16]





IN BRIEF: UT OF JAMMU & KASHMIR AND LADAKH



JAMMU & KASHMIR AFTER ARTICLE 370 IS REVOKED:

- No dual citizenship
- Central laws can directly apply
- No separate laws
- Indian citizens from

- other states can buy land & property
- No two flags
- Elections every five years
- Centre can declare

- financial emergency under Article 360
- Police will be managed by the Centre

IANS GRAPHICS

Jammu & Kashmir Assembly Elections:

The first Jammu and Kashmir (J&K) Assembly election in a decade will be held in three phases: September 18, September 25, and October 1.

This election will be the first in J&K since the revocation of Article 370 in 2019.

Election Phases and Constituencies:

Phase 1: September 18 - Voting in 24 Assembly constituencies.

Phase 2: September 25 - Voting in 26 Assembly constituencies.

Phase 3: October 1 - Voting in 40 Assembly constituencies

Context and Background:

The last Assembly election in J&K was held in 2014.

The Supreme Court had directed that Assembly polls in J&K be held by September 30, 2023, following the scrapping of Article 370.

Challenges and Security Measures:

- Conducting the Assembly election in J&K involves significant deployment of Central and State police forces to ensure peaceful and fair elections.
- The Election Commission (EC) has considered several factors, including the weather and security concerns, in scheduling the polls.

Haryana Assembly Elections:

Haryana will vote in a single phase on October 1.

The counting of votes for both the J&K and Haryana Assembly elections will be held on October 4.

Key Statistics:

- In J&K, there are 87.09 lakh voters, including 44.46 lakh men, 42.62 lakh women, and 7.31 lakh first-time voters.
- In Haryana, 2.01 crore voters are eligible to vote, including 1.06 crore men, 95 lakh women, and 4.52 lakh first-time voters.

When will the first phase of the Jammu and Kashmir Assembly elections be held?

a) October 1

b) September 25

c) September 18

d) October 4

Aattam top film, Kantara's Rishab the best actor as regional movies steal the show at National Film Awards

The Hindu Bureau

NEW DELHI

The National Film Awards for 2022, announced on Friday, was dominated by regional movies, with Aattam (The Play) in Malayalam being adjudged the Best Feature Film, Rishab Shetty won the Best Actor award for his role in Kantara (Kannada), and Nithya Menen and Manasi Parekh shared the Best Actress award for Thiruchitrambalam (Tamil) and Kutch Ex-(Gujarati) press respectively.

Aattam was also declared the best in the editing (Mahesh Bhuvanend) category and for screenplay (Anand Ekarshi) jointly with Hindi film *Gulmohar* (Arpita Mukherjee and Rahul V. Chittella); *Kantara* also won the award for the Best Popular Film Providing Wholesome Entertainment.

The Best Choreography award went to Jani Master and Sathish Krishnan for their work in *Thiruchitrambalam*.

The award for Best Direction went to Sooraj R. Barjatya for *Uunchai: Zenith* (Hindi). Pavan Raj Malhotra won the Best Supporting Actor award for *Fouja* (Haryanvi) and Neena Gupta won the Best



Malayalam film *Aattam*, directed by Anand Ekarshi, won the Best Film, Best Editing and Best Screenplay awards.

Supporting Actress award for *Uunchai: Zenith* in the feature films category.

Fouja was also adjudged the best in the debut film category.

Gulmohar got the Best

Hindi Film award as well, while Niki Joshi won the Best Costume Designer award for *Kutch Express*.

The Best Production Design award went to Ananda Addhya for *Aparajito*: *The*

Undefeated (Bengali), which also got the award for best make-up (Somnath Kundu). The Best Lyrics award went to Naushad Sadar Khan for his work in Fouja.

Multiple awards for PS-1

A.R. Rahman won the award for Best Music Director (background music) for Mani Ratnam's *Ponnyin Selvan-Part 1* (Tamil), which was also selected as the best Tamil film and won awards for the Best Cinematography (Ravi Varman) and the Best Sound Design (Anand Krishnamoorthi).

Pritam won the Best

Music Director (songs) award and Arijit Singh was adjudged the Best Male Playback Singer for the song, "Kesariya", both for *Brahmastra-Part 1: Shiva*.

The Best Female Playback Singer award went to Padma Shri awardee Bombay Jayashri for "Chaayum Veyil", a song in *Saudi Vellaka CC 225/2009*, which also won the award for the Best Malayalam Film.

Brahmastra-Part 1: Shiva has been adjudged the best film in the Animation, Visual Effects, Gaming & Comic category.

Ayena: Mirror (Hindu/ Urdu) bagged the award for Best Non-Feature Film.

. . .

CM

National Film Awards

Current: 70th National Film Awards



Vigyan Bhawan, where the National Film Awards are presented annually

Awarded for Excellence in cinematic

achievements for Indian

cinema

Location Vigyan Bhawan, New Delhi

Country India

Presented by National Film Development

Corporation

Hosted by New Delhi

First awarded 10 October 1954; 69 years ago

Last awarded 24 August 2023; 11 months

ago

List of films with most awards

Film (Year)	No. of Awards won
Lagaan (2001)	8
Bajirao Mastani (2015)	7
Godmother (1998)	6
Kannathil Muthamittal (2002)	6
Aadukalam (2010)	6
RRR (2022)	6

70th NATIONAL FILM AWARDS GOES TO...

Best Actor in a Leading Role

Kantara, (Kannada)

Actor: Rishabh Shetty



Manasi, Rishabh, Nithya

Best Actress in a Leading Role

Thiruchitrambalam, (Tamil)

Actress: Nithya Menen

Kutch Express, (Gujarati)

Actress: Manasi Parekh

Best Direction

Uunchai (Zenith), (Hindi)

Director: Sooraj R Barjatya

Best Music Direction

Brahmastra-Part 1:

Shiva, (Hindi)

Music Director (Songs):

Pritam

Ponniyin Selvan-Part I,

(Tamil)

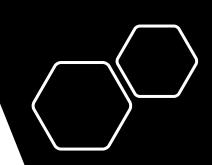
Music Director (Background

Music): A R Rahman

Best Actress in a Supporting Role

Neena Gupta

Uunchai (Zenith), (Hindi)



Top Honors: *Aattam* (Malayalam) was adjudged the Best Feature Film.

Rishab Shetty won the Best Actor award for his role in *Kantara* (Kannada).

Nithya Menen and Manasi Parekh shared the Best Actress award for *Thiruchitrambalam* (Tamil) and *Kutch Express* (Gujarati), respectively.

Awards for Aattam:

Aattam also won awards for Best Editing (Mahesh Bhuvanend) and Best Screenplay (Anand Ekarshi).

Other Major Awards:

- The Best Choreography award went to Jani Master and Sathish Krishnan for *Thiruchitrambalam*.
- Sooraj R. Barjatya won the Best Director award for *Uunchai: Zenith* (Hindi).
- Pavan Raj Malhotra won the Best Supporting Actor award for Fouja (Haryanvi), and Neena Gupta won the Best Supporting Actress award for Uunchai: Zenith.

Awards for *Kantara* and *Gulmohar*:

Kantara also won the award for Best Popular Film Providing Wholesome Entertainment.

Gulmohar (Hindi) received the Best Debut Film award

Special Mentions:

- *PS-1* (*Ponniyin Selvan: Part 1*), directed by Mani Ratnam, won multiple awards, including Best Music Director (A.R. Rahman), Best Tamil Film, Best Cinematography, and Best Sound Design.
- Arijit Singh was awarded Best Male Playback Singer for the song "Kesariya" from *Brahmastra-Part 1: Shiva*.
- Bombay Jayashri won the Best Female Playback Singer award for "Chaayum Veyil" from *Saudi Vellaka CC 225/2009*, which also won the award for Best Malayalam Film.

Additional Awards:

Brahmastra-Part 1: Shiva won Best Film in the Animation, Visual Effects, Gaming & Comic category.

Ayena: Mirror (Hindi/Urdu) bagged the award for Best Non-Feature Film.

- Which film won the Best Feature Film award at the National Film Awards 2022?
- a) Kantara
- b) Thiruchitrambalam
- c) Aattam
- d) PS-1

Calcutta High Court raps police over R.G. Kar Hospital vandalism

Court says incident reflects absolute failure of the State machinery, questions urgency of renovations done at the hospital, counsel for Bengal government says crime snot was not damaged. Chief Minister says CBI must solve the case by tomorrow

Shiv Sahay Singh

oming down heavi-ly on the Kolkata Police over the van-dalism at the R.G. Kar Medthe early hours of Thurs-day, the Calcutta High Court on Friday said the in-Court on Friday said the in-cident was an "absolute fai-lure of State machin-ery" and that the Central Bureau of Investigation was at its liberty to visit the hospital premises and make an assessment.

West Bengal Chief Minis ter Mamata Banerjee and leaders from the Opposition parties hit the streets to protest against the rape and the subsequent van dalisation of the hospital.

Petitions were filed be the Division Bench fore the Division Bench of Chief Justice T.S. Sivag-nanam and Justice Hiran-may Bhattacharyya, alleg-ing that the scene of the crime – the seminar hall on the fourth floor of the



had been compromised af-ter the mob attack. Allega-tions were also raised that renovations were done in the hospital to destroy the

crime scene. The State government's counsel told the court that the point of occurrence had not been damaged or destroyed. On the issue of vandalism, the counsel said it was difficult to con-tain the 7,000-strong mob that the demonstration had turned to. "If 7,000 people gath-ered, it was hard to believe

ism was concerned. The High Court also expressed anguish over reno-vation in the building and vation in the building and said, "What was the urgen-cy?... We will shift patients to other hospital, close the (R.G. Kar) hospital. That will be the best." It directed the media and persons known to the victim not to circulate photographs or any information related to the victim's iden

formation report regis-tered by the agency on Au-

'Solve the case' Ms. Banerjee demanded that the CBI solve the case

by Sunday.
"We have given the in-"We have given the in-quiry to the CBI. They should solve the case by Sunday and hang the ac-cused," she said. Challeng-ing her political oppo-nents, the Chief Minister said that she was born out of pretext and the Oppored

circulating fake news on social media... We want the truth to come out but some quarters are ped-dling lies to mislead peo-

ding lies to mislead peo-ple," she said.

Leaders of Opposition parties, particularly the BJP, held protests across the State, while the Social-ist Unity Centre of India (Communist) observed a

(Communist) observed a 12-hour strike on Friday. Vineet Kumar Goyal, Commissioner of Police, Kolkata, told presspersons that about 25 persons have been arrested for the Au-gust 15 violence. The police admitted to an assessmen failure on their part to esti ters outside the hospital and expressed concerns about the rumours going

An inquiry report by the An inquiry report by the National Commission for Women in the rape and murder of the trainee doc-tor referred to lapses in se-curity and poor infrastruc-ture at the hospital.

ISRO's SSLV-D3 successfully launches earth observation satellite EOS-08 into orbit

The Indian Space Research Organisation on Friday launched the EOS-08 Earth Observation Satellite on board the Small Satellite Launch Vehicle (SSLV-D3) from the Satish Dhawar

from the Satish Dhawan Space Centre (SISSC) in Sich harikota. The SSLV-20, in High, lifted of from the first launch pad of SISSC at 32-4.

Author minutes launch pad of SISSC at 32-4.

Letter minutes launch minutes launch pad of SISSC at 32-4.

Letter minutes launch minutes la planned. I find that there are no deviations in the injection conditions. The current indication is that everything is perfect," IS-RO Chairman S. Somanath said after the launch

EOS-O8 is a first-of-its-kind mission built on a standard ISRO's Microsat/



vanced payloads for obser-

vanced payloads for observation in the IR range, no-vel GNSS-R Payload and SiC UV dosimeter. The satellite boasts a host of new technological developments in satellite mainframe systems like an

Integrated Avionics system - Communication, Base-band, Storage and Positioning (CBSP) Package, Structural panel embed-ded with PCB, embedded ded with PCB, embedded battery, Micro-DGA (Dual Gimbal Antenna), M-PAA (Phased array antenna) and Flexible solar panel & Nano star sensor etc., for on-board Technology De-monstration. It carries three payloads, namely

tem – Reflectometry pay load (GNSS-R), SAC and SiG band and long-wave IR (LWIR) band during day and night. GNSS-R payload layan region, flood detec

tion, etc.

The spacecraft has a mission life of one year.

Women in grief across the country, says Priyanka

The Hindu Bureau

Crimes against women in Crimes against women in West Bengal, Bihar, Utta-rakhand, and Uttar Pra-desh have shaken the country, Congress leader Priyanka Gandhi Vadra said on Friday. When there was a need to send a tough message with regard to wo accused, she said.

"The cruelty against wo-men has shaken the entire country. At this time, woexperiencing grief and anexperiencing grief and an-ger. Whenever such inci-dents happen, women see what the governments are doing. How serious are their words and mea-sures," Ms. Vadra said. She said political protec-tion and leniency shown to the accused, and repeated granting of ball or parole have "let women down".

have "let women down". In a post on X, she asked, place every day, from whom should women ex-

Jurisdiction of courts defined | NDA members get into a huddle by Constitution: Dhankhar

you pass 144 (CrPC). When

ing on, doctors on strike

you should have cordoned off the entire area... Abso-lute failure of State ma-

chinery." Chief Justice Si-

vagnanam observed. In its order, the court di-

rected the appropriate pol-ice authorities and the per-son in charge of the

ice authorities and the per-son in charge of the administration of the hos-pital to file separate affida-vits narrating the true state of affairs and all matters in-cidental and connected

In an apparent attack on Leader of the Opposition in the Lok Sabha Rahul in the Lok Sabha Rahul Gandhi, Vice-President Jag-deep Dhankhar, without naming him, said on Fri-day that it was extremely worrying that a person holding a constitutional position was asking the Supreme Court to "give wings to a narrative" aimed at destroying the country's

economy. Mr. Dhankhar was likely referring to Mr. Gandhi's referring to Mr. Gandhi's recent statement urging the Supreme Court to take supreme Court to take the Court of take recent Hindenburg report that targets Madhabi Puri Buch, the Chairperson of change Board of India. The Congress termed Mr. Dhankhar's statement a "rroll" against Prime Minis-ter. Dhankhar, speaking at the National Law Univer-sity here, asked students to es that keep partisan or

es that keep partisan or self-interest above that of the nation. "Jurisdiction of institu-



The Vice-President said that it was worrying that a person holding a constitutional position was asking the Supreme Coourt to "give wings to a narrative" aimed at destroying India's economy. PTI

dian Constitution, be it lecourts is decided. Look around the globe, look at the Supreme Court in the U.S., the highest court in the U.S., to rother formats. Has there been suo motor in the U.K. or other formats. In the Constitution of the Constitution, appellate justification, appellate just the Supreme Court in the

well-publicised media; I would say campaign, be-

Court to suo motu invoke jurisdiction to give wings to a narrative aimed at destroying our economy". The Congress said the Vice-President was targeting the Prime Minister. "Mr Dhankhar. It is not right to

Dhankhar, It is not right to troll PM Modi like this. I troll PM Modi like this. I understand your pain— terrible unemployment, back-breaking inflation, declining income, helpless farmers, tax burden, in-creasing poverty, the gap of economic inequality and Tughlaq decrees in-stead of policy-making. How can one remain silend to the composition of the

priya Shrinate in a social media post.

after PM's 'secular civil code' pitch

A day after Prime Minister Narendra Modi foregrounded the issue of a Un iform Civil Code (UCC) – al heir in a new formulation sam Party (TDP) wary and worried, the members of the ruling alliance met at BJP president J.P. Nadda's residence for a coordinaion meeting on Friday. According to senior BJP

ources, the NDA resolved that regular meetings of al-liance partners should take

liance partners should take place on a monthly basis and issues resolved within that forum. In point is the "secular civil code". By mentioning it in his findependence Day address, Mr. Mod has signalled his indon the proposal. However, TDP chief N. Chandrababu Naidu had civon of Muslim community citon of Muslim community.

tion of Muslim community



JD(U) working president Sanjay Jha said that noth-

presented before allies. BIP leaders called for the NDA meeting after the announcement, also keep-ing in mind that when the Wagf Amendment Bill was cleared by the Union Cabi cleared by the Union Cabi-net, its allies had not raised any strong objections. Ho-wever, during the debate-during the debate-ber of the constraint of the Harish Balayogi sought to refer it to a Joint Parliamen-tary Committee (JPC) for further consideration. The Lok Janshakti Party (LJP) and Jana Sena Party are also in favour of a JPC, it is

Ambedkar supported UCC, savs Nagvi

Describing the proposed "secular civil code" as an inclusive reform, BJP leadon Friday said illustriou personalities like Dr. B.R. Ambedkar in the Constituent Assembly were in fa our of a "uniform secula

Speaking to the media-persons, Mr. Naqvi said there was a need to remain there was a need to remain 'conscious and cautious' of the 'conspiracy of com-munal confusion on secu-lar civil code'. The country had been waiting for the constitutional guidelines of 'uniform secular civil code' to become a reality, but 'this inclusive reform has been a victim of com-munal' objections, he

Addujeevitham bags | SC has campaigned for UCC, but refused to enforce it

top honours at 54th Kerala film awards

lience in the face of unima ginable suffering, garnered nine awards including the top honours of Best Direc tor for Prithvirai Sukuma tor for Prithviraj Sukuma-ran at the 54th Kerala State Film Awards. Kaathal-The Core, Jeo Baby's sensitive take on homosexuality,

take on homosexuality, won the award for Best Film as well as Best Story. Urvashi, who subtly portrayed the inner turmoil of a woman in dealing with unforeseen circumstances in Ullozhukku, shared the acting honours with Beena R. Chandran, who porthrough a series of unfortu-nate events in Fazil Razak's Thadavu. Mr. Fazil also won the award for the best Debutant Director.

by Aadujeevitham include Best Popular Film, Best Adapted Screenplay for Blessy, Best Cinematography for K.S. Sunil, Special Jury Award (actor) for K.R. Gokul, Best Sound Mixing award for Resul Pookutty

ciable rights in favour of any person.

But this has not stopped the court from blaming of the court from blaming for not taking effective steps to make UCC into a reality. Prime Minister Na-rendra Modi's call for a "secular civil code" in his independence Day address award for Resul Pookutty and Sarath Mohan, Best Makeup Artist for Ranjith Ambady, and Best process-ing lab/colourist for Vaishal Shiva Ganesh. Rohith M.G. Krishnan won the Best Original Screenplay Award for Irutta.

Code (UCC) over the years, calling it "desirable", but refused to "enforce" it. The apex court has held loins upon the state to en deavour to secure to its citi zens a UCC, correspond Court's support: As late as in 2019, the SC recorded that no action which are only guidelines and do not create any justi-ciable rights in favour of any person.

has brought the issue into

Looking back
The court's largest Bench
in history has a paragraph
devoted to the UCC. Justice
S.M. Sikri, on the 13-judge
Bench in the Kesawananda
Bharati case in 1973, reminded the then govern-

ment that the state should

ment that the state should endeavour to secure for the citizens a uniform citizen code throughout the terricode throughout the terricode throughout the terricode sheld back, observing that "desirable as it (UCC) is, the government has not been able to take any effective steps towards the real-

integrity, and unity of the country," Justice Sikri had opined. The court's awareness of its limitation in enforc-

ing a UCC could be seen clearly voiced by Justice E.S. Venkataramiah in the 1982 Constitution Bench judgment of National Tex-tile Workers versus P.R. Ra-

Judgment of National Textle Workers seriass P.R. Remakrishnan.

"Would this court enforce a UCC in respect of all
an appropriate legislation
even though the concept of
equality is enshrined in the
Constitution and Article 44
specifically requires the
curre for all citizens a UCC?

was represented by Union Ministers Kiren Rijiju, Bhu-pender Yadav, L. Murugan, and party general secre-tary Arun Singh, apart from Mr. Nadda. The other

NDA constituents in atten

dance were HAM(S) chief

and Union Minister Jitan Ram Majhi, Apan Dal lead-er Anupriya Patel, Mr. Jha for the JDUD, TDP leader Pemmaseni Chandrasek-the NISHAD party, JDCS) leader H.D. Kumaraswa-my, Chirag Paswan from the LJP, Jayant Chaudhary of the RLD, BIJS leader Thushar Vellappally, New Shammigam, and G.K. Va-Shammigam, and G.K. Va-

Shanmugam, and G.K. Va-san of the Tamil Maanila Congress.

isation of this goal",
"Obviously no court can
compel the government to
lay down a UCC even
though it is essentially detirely in the interest of the The only solution The judge suggested that the only solution was "to appeal to the appropriate organs of the State to do their assigned job in the sirable in the interest of the best interests of the com-munity". The Supreme Court cannot find a solu-

tion to all problems Three years later in 1985, another Constitution Bench in the Shah Band case rued how UCC re-

ment to implement the UCC. "We request the Go-vernment of India... to se-cure for the citizens a unform civil code," Justice Kuldip Singh wrote

As late as in 2019, in Jose Paulo Coutinho, lustice Deepak Gupta recorded that no action has been taken to secure for the citi-zens a UCC.

But there are also judg-ments which had advised

ments which had advised restraint, and that UCC was not to be implemented in one go. In Pannala Bansi-lai judgment, the court said a one-stroke imple-mentation "may perhaps be counter-productive to the unity and integrity of the nation".

ISRO's SSLV-D3 successfully launches earth observation satellite EOS-08 into orbit

Hemanth C.S. BENGALURU

The Indian Space Research Organisation on Friday launched the EOS-08 Earth Observation Satellite on board the Small Satellite Launch Vehicle (SSLV-D3) from the Satish Dhawan Space Centre (SDSC) in Sriharikota. The SSLV-D3, in its final development flight, lifted off from the first launch pad of SDSC at 9.17 a.m.

Seventeen minutes later, the EOS-08 satellite was injected into a 475-km circular orbit as intended. "The third developmental flight of SSLV, the SSLV-D3 with the EOS-08 satellite, has been successfully accomplished. The rocket has placed the spacecraft in a very precise orbit as planned. I find that there are no deviations in the injection conditions. The current indication is that everything is perfect," IS-RO Chairman S. Somanath said after the launch.

EOS-08 is a first-of-itskind mission built on a standard ISRO's Microsat/ IMS-1 bus with a suite of ad-



Sky high: ISRO's SSLV-D3 blasts off with Earth Observation Satellite EOS-08 in Sriharikota on Friday. PTI

vanced payloads for observation in the IR range, novel GNSS-R Payload and SiC UV dosimeter.

The satellite boasts a host of new technological developments in satellite mainframe systems like an Integrated Avionics system - Communication, Baseband, Storage and Positioning (CBSP) Package, Structural panel embedded with PCB, embedded battery, Micro-DGA (Dual Gimbal Antenna), M-PAA (Phased array antenna) and Flexible solar panel & Nano star sensor etc., for on-board Technology Demonstration. It carries three payloads, namely

Electro Optical Infrared Payload (EOIR), SAC, Global Navigation Satellite System - Reflectometry payload (GNSS-R), SAC and SiC UV Dosimeter, LEOS. The EOIR payload is to image in the Mid-Wave IR (MIR) band and long-wave IR (LWIR) band during day and night. GNSS-R payload is to demonstrate the capability of using GNSS-Rbased remote sensing to derive applications like Ocean Surface Winds, soil moisture, cryosphere applications over the Himalavan region, flood detection, etc.

The spacecraft has a mission life of one year.

EVOLUTION OF THE INDIAN LAUNCH VEHICLE

Satellite Launch Vehicle (SLV-3):

Height: 22m

Fuel: Four solid stages Weight: 17 tonnes

Capability: Placing 40kg class payloads in low earth orbit



Augmented Satellite Launch Vehicle

Height: 23.8m

Weight: 40 tonnes,

23.8 m tall

Fuel: Five stage, all-solid propellant

Capability: Orbiting 150kg class satellites into 400km circular orbits



atellite

Polar Satellite Launch Vehicle

Height: 44.4m

Weight: 295 tonnes

Capability: 1600kg satellites in 620km sun-synchronous polar orbit and 1,050kg satellite in geo-synchronous transfer orbit (GTO)

Fuel: Four stages using solid and liquid propulsion systems alternately





GSLV Mark I and II

Height: 49 m

Weight: 414 tonne

Capability: Placing INSAT-II class of satellites (2000 – 2,500kg) into GTO

Fuel: Three stages, S125 solid booster with four liquid (L40) strap-ons, GS2 liquid engine and GS3 cryogenic stage



GSLV Mark III

Height: 42.4m

Weight: 630 tonnes

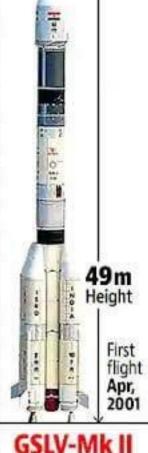
Fuel: Three stage; two identical S200 Large Solid Booster (LSB) with 200 tonne solid propellant, the L110 re-startable liquid stage, the cryogenic stage

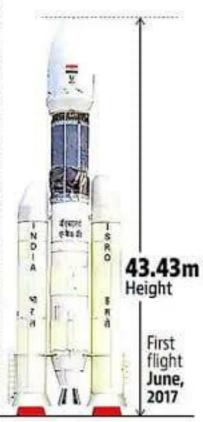
Capability: Placing communication satellites of INSAT-4 class, weighing 4,500-5,000kg in GTO, LEO, polar and intermediate circular orbits











SLV-3

17t Lift-off weight

First

flight

Aug,

1980

40kg Payload mass

Propulsion: All solid

Orbit: Low Earth Orbit (2,000km)

ASLV

39t Lift-off weight

First

Mar,

1987

150kg Payload mass

Propulsion: All solid

Orbit: Low Earth Orbit (2,000km)

PSLV-XL

44m Height

First

flight

Oct,

1994

320t Lift-off weight

1,860kg Payload mass

Propulsion: Solid & liquid

Orbit: Sun Synchronous Polar Orbit (475km)

GSLV-Mk II

414t Lift-off weight

2,200kg Payload mass

Propulsion: Solid, liquid and cryogenic

Orbit: Geosynchronous Transfer Orbit (35,786km)

GSLV-Mk III

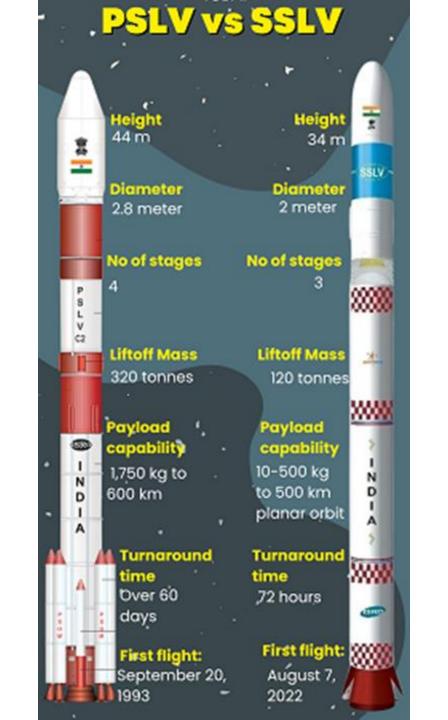
640t Lift-off weight

4,000kg Payload mass

Propulsion: Solid, liquid and cryogenic

Orbit: Geosynchronous

Transfer Orbit (35,786km)



ISRO's SSLV-D3 Mission:

- The Indian Space Research Organisation (ISRO) successfully launched the EOS-08 Earth Observation Satellite using the Small Satellite Launch Vehicle (SSLV-D3).
- The launch took place from the Satish Dhawan Space Centre (SDSC) in Sriharikota on Friday at 9:17 a.m.

Satellite Injection and Orbit:

- The EOS-08 satellite was injected into a 475-km circular orbit 17 minutes after launch.
- ISRO Chairman S. Somanath confirmed that the satellite was placed in orbit as planned, with no deviations in the injection conditions.

Technological Innovations:

- EOS-08 is built on ISRO's Microsat/IMS-1 bus, featuring advanced payloads and technological developments, including:
 - Integrated Avionics System: Incorporating Communication, Baseband, Storage, and Positioning (CBSP) Package.
 - **Structural Enhancements**: Embedded PCB, battery, Micro-DGA (Dual Gimbal Antenna), M-PAA (Phased array antenna), flexible solar panel, and nano star sensor

- Payloads on EOS-08:
- Electro Optical Infrared Payload (EOIR): Images in the Mid-Wave IR (MIR) and Long-Wave IR (LWIR) bands for day and night observation.
- **GNSS-R Payload**: Demonstrates remote sensing capabilities for applications like Ocean Surface Winds, soil moisture, cryosphere applications, and flood detection.
- **SiC UV Dosimeter**: For UV radiation measurement.

1. Mission Objectives:

- 1. The spacecraft is designed for on-board Technology Demonstration and has a mission life of one year.
- 2. The mission aims to showcase the capabilities of new satellite mainframe systems and advanced payloads.

What was the primary purpose of ISRO's SSLV-D3 mission with the EOS-08 satellite?

a) To deploy a communication satellite for global internet services.

b) To test the capabilities of the GSLV rocket for deep space missions.

c) To demonstrate new technological developments in satellite systems and observe Earth through advanced payloads.

d) To launch a crewed mission to the International Space Station (ISS).

PRIDE OF PLACE Sumit and Bhagvashri named flag-bearers for Paralympics OC



ilver winner Bhagyashri Jadhav will be India's flag-bearers at Paris Paralympics opening ceremony, Javelin thrower Sumit won gold in okyo with a world record in the F64 category, while shot-putter shagyashree claimed silver in the F34 section at Asian Para Games.

Smith eyes an IPL comeback after a stellar show in MLC



Bolstered by his strong showing in MLC, Australian batter Steve Smith is hopeful of making a return to the IPL next year. "I'd certainly love another opportunity at IPL. I'll be throwing my name in the hat, and we'll see how we go," Smith was quoted by For

Sri Lanka's Niroshan Dickwella suspended for doping violation



Lanka Cricket following allegations of an anti-doping violation during the Lankan Premier League. The SLC announced the decision with immediate effect on Friday, with the alleged incident taking place during the LPL where he captained Galle Marvels.

South Africa 111 for one in second essay after bowling out WI for 144



South Africa was 111 for one at tea in its second innings of the second Test day two against West Indies at Providence on Friday Jason Holder hit 54 n.o. as West Indies was dismissed for 144. The scores: S. Africa 160 and 111/1 in 35 overs at tea (Markram 43 batting) vs Wi 144 in 42.4 overs (Holder 54 n.o., Mulder 4/32).

Paris-bound Paralympics team gets warm send off

A vibrant inspirational song released as the anthem for the contingent; Sports Ministers confident that the 84-member contingent, the biggest ever, would win more than 25 medals in French capital



he Union Sports Mi-nister Dr. Mansukh Mandaviya urged the Paris-bound Indian Paralympics contingent to come up with its best perance ever.

In a warm send off cere-mony in the Capital, Man-daviya and the Minister of State for Sports, Raksha Khadse, were unanimous in addressing the athletes as the "pride of the nation" and expressed confidence that they would continue to script inspiring stories.

The president of the Paralympic Committee of India (PCI), double Paralym-pic gold medallist Devendra Jhajaria, was confident that the 84-mem-ber contingent, the biggest ever, would win more than 25 medals in Paris. "We had 56 athletes in Tokyo, competing in 12 disci-plines. Now, we are com-peting in three more discipeting in three more disci-plines. We have 47 first timers. Many have already reached Paris and are training," said Jhajaria.

Avoid pressure With his vast experience, spread across many years in Paralympics, Jhajaria told the athletes not to be weighed down by the pressure of expectations.
"Don't come under

journey reaches the peo-ple", said Ms. Raksha. "You have the ability to challenge the challenge, and convert adversity into

The minister was particular in bringing forth the role of the parents of the athletes and the early coaches in shaping their career, saying that they de-served the credit for putting their wards on right track and backing them.

Flag-bearer Sumit Antil, athletics chief coach Sa-tyanarayan and many others were also felicitated on the occasion. A vibrant in



Pragg stutters in blitz also, stays at bottom

GRAND CHESS TOUR

Press Trust of India

R. Praggnanandhaa re-mained in last spot going into the final day of the Saint Louis Rapid and Blitz chess tournament. Before that, he won a couple of games in the blitz section. Praggnanandhaa scored

Praggnanandhaa scored two wins at the expense of pre-event favourites lan

with tournament leader Alireza Firouzja of France but lost the remaining six but lost the remaining six games in the first leg of biltz that kept him on the bottom. Firouzja made most of his opportunities count to shoot into sole lead on 17.5 points.

Standines after first day of

Ishan in top form as he powers Jharkhand to a 52-run lead over Madhya Pradesh

Ishan Kishan marked his return to red-ball cricket with a superb 114 (107b, 5x4, 10x6) against Madhya Pradesh on day two of the all India Buchi Babu invitation cricket tournament at Tirunelnelvi on Friday. Jharkhand took a 52-run

first-innings lead at the end of the day's play, riding on the 109-run fifth-wicket

the 109-run fifth-wicket partnership between Kishan and Aditya Singh.

Bharkhand wicketkeeper was removed from the BOCITs annual central contract for not prioritising
Given the circumstances, Ishan's innings carry
immems significance. He
into the contract of the contract
in the circumstance
in



0



Century-makers: Ishan Kishan (Jharkhand, 114): Shubham Khajuria (J&K, 147 batting); Sahab Yuvra (Railways 105 n.n.). SPECIAL ARRANGEMENT

the wicket to the pacers were skilful. He was confiwere skilful. He was conni-dent while dancing down the track to the spinners and smashing sixes. In the 109-run partnership, Ish-an's contribution alone was 87, showcasing his dominance.

was 87, stiowcissing ins dominance. Dheeru Singh (147, 277b, 25x4) and Lakshay Sang-wan (75, 141b, 10x4, 1x6) helped Haryana post 419 in its first innings against Mumbai at Coimbatore. Mumbai ended the day at

the ground and square of 133 for four, trailing by 286

Shubham Khajurja's unbeaten 147 (285b, 12x4, 5x6) helped Jammu & Kashmir to a 71-run lead against Chhattisgarh at against Chhattisgarh at Dindigul. He was involved in two 100-run partner-ships – 122 with skipper Pa-ras Dogra for the fourth wicket and 125 for the fifth-

The scores: At Tirunelveli: Madhya Pradesh 225 in 91.3 overs vs Jharkhand 277/7 in 84 overs

At Salems Indian Railways 570 in 129.5 owers (Sahab Yurra) 105 n.o., Ashutosh Sharma 43, Siddharth Desai 4/159) vs Gujarat 155/3 in 43 owers (Wanam Hingrajia 65, Het Patel 41 batting).

At Dindigut: Chhattisgarh 278 vr Jammu & Kashmir 349/4 in 103

overs (Shubham Khajuria 147 batting, Abdul Samad 58, Paras

Darke's unbeaten century carries Australia-A to facile win over India-A

that medal will be as

that, medal will be as-sured, he said, equally confident that India would finish among the top-20 countries in the Games. "Your journey is very in-spirational. For most of us,

it is a learning expe-rience", said Raksha.
"At the government, we do everything we can to support you. The govern-ment is with you. Am sure you will get more than 25

medals. And when you come back, there should be regional language inter-

views of our champions so that their inspirational

Press Trust of India

Opener Maddy Darke's unbeaten 106 propelled Aus-tralia-A to an eight-wicket win over India-A in the second women's one-day match here on Friday. With this victory, the Aussies took a 2-0 lead in the threematch series

match series.

Chasing 219, Australia-A
was well-served by Darke's
knock which came off IIS
knock which came off IIS
green fours. Her opening
partner Kate Mack made
68 (78b, 5x4) as the pair
milked ISI in 22.4 overs.
milked ISI in 22.4 overs.
not out on 32 (26b, 5x4) as
Australia-A rnade 221 for
two in 40.2 overs. The
skipper and Darke added

52 for the third-wicket.

Earlier, Maitlan Brown, Nicola Hancock and Charli Knott shared six wickets between them as India-A was bowled out for 218 with two overs remaining.

India-A, which was reduced to S2 for three, managed to resist the Aussie
sabnis (63, 86b, 4x4) and
Raghri Bist (70, 93b, 4x4,
1x6b, Haasbnis and Bist put
the team reached 176 for
three in 40 overs. Howevetrailise on the position of
strength as it lost the remaining seven wickets for
just 42 runs in eight overs. India-A, which was re-

The scores: India-A 218 in 48 overs (Teial Hasabnis 63, Raghy Bist 70) lost to Australia-A 221/2 in 40.2 overs (Maddy Darke 106

Korean raider Lee set to return | Could have competed till 2032 under different to PKL with Patna Pirates

Sports Bureau

Over two days, II8 players went under the hammer in the auctions for the Pro Ka ne auctions for the Pro Ka-baddi League's eleventh edition here. A record eight players crossed the the crore mark for the first time in the league's history. ime in the league's history with raider Sachin Tanwar emerging as the top buy

this season.

Tamil Thalaivas secured
the Indian's services for a
whopping \$2.07 crore. Sachin left behind superstars
like Iranian Mohammadreza Shadloui Chiyaneh Qla-

gu Titans - ₹1.725 cr). Day two of the auction was key in how teams built squads around these mar quee players.
Most notably, South Ko-

turn to the PKL after four

seasons.

However, Rahul Chaudhari – one of the earliest superstars of Indian kabaddi in the PKL era – failed to find takers this time. Inconsistent performances over the past four seasons have seen him fall out of

za Shadloui Chiyaneh (Ha-ryana Steelers - ₹2.07 cr) favour. Tamil Nadu raider V. and Pawan Sehrawat (Telu-Ajith Kumar was the most

expensive player on day two, going for ₹66 lakh to Puneri Paltan while Rajas-

luru Bulls huru Bulls.

Every team was given a budget of \$5 crore for the auction. Haryana Steelers came closest to exhausting its purse, ultimately spending ₹4.99 crore in setting up its squad.

Top five buys in 2024 (in ₹

Top tive buys in 2024 (in force): Sachin Tarwar to Tamil
Thalaivas - 2.15, Mohammadreza
Shadloui Chiyaneh to Haryana
Steelers - 2.07, Guman Singh to
Gujarat Giantis - 1.97, Pawan
Sehrawat to Telugu Titans - 1.725, Bharat Hooda to UP Yoddhas -1.30.

circumstances, says Vinesh in emotional post WRESTLING



Press Trust of India

Wrestler Vinesh Phogat on Saturday said that under "different circumstances" "different circumstances" competing till 2032 because he still has a lot of left in her but is unsure about her never be the same again". Vinesh had announced her retirement from the sport after her disqualifica-tion of the same again.

50kg final for being over-weight by 100g. She had challenged the decision in 111

the Court of Arbitration for Sport but it was dismissed.

sport but it was dismissed. In an emotional post on social media, Vinesh consideration of the post of social media, Vinesh faced after losing her father and also put on record the contribution made by ended in heartbreak in Paris: "...ail I want to say is that we did not give up, our efforts did not stop, and we clock stopped and the time clock stopped and the time clock stopped and the time was not fair. So was my fate," she wrote, referring to the work she did with her team before the se-cond day weigh-in. "To my team, my fellow

Indians and my family, it feels like: the goal that we were working towards and what we had planned to achieve is unfinished, that achieve is unfinished, that something might always remain missing, and that something might always remain missing, and that same again. Maybe under different circumstances, I could see myself playing in me and wrestling in me will always be there. "I can't predict what the future holds for me, and

what awaits me in this jour-ney next, but I am sure that I will continue to fight al-ways for what I believe in and for the right thing," she wrote.

PRIDE OF PLACE

Sumit and Bhagyashri named flag-bearers for Paralympics OC





GETTY IMAGES, SPECIAL ARRANGEMENT

Tokyo Paralympics gold medallist Sumit Antil and Asian Para Games silver winner Bhagyashri Jadhav will be India's flag-bearers at Paris Paralympics opening ceremony. Javelin thrower Sumit won gold in Tokyo with a world record in the F64 category, while shot-putter Bhagyashree claimed silver in the F34 section at Asian Para Games.





IPC code IND

NPC Paralympic Committee of India

Website www.paralympicindia.org.in ☑

MedalsGoldSilverBronzeTotalRanked 57th9121031

Games	Athletes	Gold	Silver	Bronze	Total	Rank					
■ 1960 Rome	Did not participate										
• 1964 Tokyo	Did not participate										
± 1968 Tel Aviv	10	0	0	0	0	-					
1972 Heidelberg	10	1	0	0	1	25					
■ 1976 Toronto	Did not participate										
1980 Arnhem											
1984 Stoke Mandeville/New York	5	0	2	2	4	37					
(•: 1988 Seoul	2	0	0	0	0	-					
1992 Barcelona	9	0	0	0	0	-					
1996 Atlanta	9	0	0	0	0	-					
2000 Sydney	4	0	0	0	0	-					
2004 Athens	12	1	0	1	2	53					
2008 Beijing	5	0	0	0	0	-					
2012 London	10	0	1	0	1	67					
2016 Rio de Janeiro	19	2	1	1	4	43					
• 2020 Tokyo	54	5	8	6	19	24					
■ 2024 Paris											
2028 Los Angeles	Future event										
2032 Brisbane											
Total		9	12	10	31	57					

Athlete +	Games ÷	Sport ÷	Gold \$	Silver +	Bronze	Total +
Devendra Jhajharia	2004 Athens 2016 Rio de Janeiro 2020 Tokyo	ک ^د Athletics	2	1	0	3
Mariyappan Thangavelu	2016 Rio de Janeiro2020 Tokyo	Athletics	1	1	0	2
Avani Lekhara	• 2020 Tokyo	5 Shooting	1	0	1	2
Joginder Singh Bedi	/ 1984 Stoke Mandeville/New York	Athletics	0	1	2	3
Singhraj Adhana	• 2020 Tokyo	<i>⊱</i> Shooting	0	1	1	2

Paris-bound Paralympics team gets warm send off

A vibrant inspirational song released as the anthem for the contingent; Sports Ministers confident that the 84-member contingent, the biggest ever, would win more than 25 medals in French capital



All set for the action: Members of the Indian Paralympic team with Union Sports Minister Mansukh Mandaviya, Minister of State for sports Raksha Khadse, and PCI president Devendra Jhajaria. SPECIAL ARRANGEMENT

Kamesh Srinivasan

NEW DELHI

he Union Sports Minister Dr. Mansukh Mandaviya urged the Paris-bound Indian Paralympics contingent to come up with its best performance ever.

In a warm send off ceremony in the Capital, Mandaviya and the Minister of State for Sports, Raksha Khadse, were unanimous in addressing the athletes as the "pride of the nation" and expressed confidence that they would continue to script inspiring stories.

The president of the Paralympic Committee of India (PCI), double Paralympic gold medallist

Devendra Jhajaria, was confident that the 84-member contingent, the biggest ever, would win more than 25 medals in Paris. "We had 56 athletes in Tokyo, competing in 12 disciplines. Now, we are competing in three more disciplines. We have 47 first timers. Many have already reached Paris and are training," said Jhajaria.

Avoid pressure

With his vast experience, spread across many years in Paralympics, Jhajaria told the athletes not to be weighed down by the pressure of expectations.

"Don't come under pressure. You have to give your best. Once you do that, medal will be assured", he said, equally confident that India would finish among the top-20 countries in the Games.

"Your journey is very inspirational. For most of us, it is a learning experience", said Raksha.

"At the government, we do everything we can to support you. The government is with you. Am sure you will get more than 25 medals. And when you come back, there should be regional language interviews of our champions so that their inspirational journey reaches the people", said Ms. Raksha.

"You have the ability to challenge the challenge, and convert adversity into a favourable situation. Despite all the struggle, you don't complain to God, but prove to the world that anybody can do anything. You are the pride of the nation", said Mandaviya.

The minister was particular in bringing forth the role of the parents of the athletes and the early coaches in shaping their career, saying that they deserved the credit for putting their wards on right track and backing them.

Flag-bearer Sumit Antil, athletics chief coach Satyanarayan and many others were also felicitated on the occasion. A vibrant inspirational song was also released as the Paralympic anthem for the contingent.

- Indian Paralympics Team Send-Off:
- The Union Sports Minister Dr. Mansukh Mandaviya and the Minister of State for Sports, Raksha Khadse, addressed the Indian Paralympics contingent in a warm send-off ceremony.
- The 84-member contingent, the largest ever, is headed to Paris for the 2024 Paralympic Games.

Ministerial Encouragement:

Dr. Mandaviya urged the team to deliver their best performance and expressed confidence that the team would win more than 25 medals in Paris, possibly finishing among the top 20 countries.

Raksha Khadse emphasized the government's support for the athletes and the inspirational value of their journey.

Athletes and Preparation:

The team includes 47 first-time Paralympians.

Many team members have already arrived in Paris and are currently training.

Paralympic Committee of India (PCI) President's Remarks:

Devendra Jhajaria, President of PCI and a double Paralympic gold medalist, advised athletes to avoid pressure and focus on doing their best. How many first-time Paralympians are part of the Indian contingent for the Paris 2024 Paralympic Games?

a) 56

b) 47

c) 25

d) 84





COMPANIES, P4 IT'S FUTURE INVESTMENT, SAYS FIRM Losses mounting at TVS Motor-owned Norton Motorcycles



N I ERNATIONAL, P3 TO BLOCK LOW-COST COMPETITION

China-made EVs lose steam in EU as new tariffs take effect



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SENSEX: 80,436.84 ▲ 1,330.96 NIFTY: 24,541.15 ▲ 397.40 NIKKEI 225: 38,062.67 ▲ 1,336.03 HANG SENG: 17,430.16 ▲ 321.02 ₹/\$: 83.95 ↔ 0.00 ₹/€: 92.27 ▲ 0.31 BRENT: \$80 ▼ \$1.04 GOLD: ₹70,265 ▼ ₹183

NEWS

RULES TIGHTENED FOR PEER-TO-PEER LENDING PLATFORMS

THE RBI ON Friday ST.

FOOD INFLATION SEEN PEAKED, MAY **REMAIN AT 5.5-6%**

FOOD INFLATION, WHICH stayed above 6% for a year till June, may have seen the peak, economists said, report Priyansh Verma and Sandip Das. It rose 9.36% in June, fell to 5.42% in Juage between 5.5-6%. ■ PAGE 2

HINDUSTAN ZINC 1.23 TIMES ON DAY 1

THE OFFER FOR sale of Vedanta group firm Hindustan Zinc received a strong esponse on Day 1, with non-etail investors placing bids for egulatory filing, reports PTI

URBAN JOBLESS RATE Key economic ministries EASES IN Q1, RISES AMONG FEMALES

THE UNEMPLOYMENT RATE in urban areas eased a tad to 6.6% in April-June from 6.7% in April-June from 6.7% in the previous quarter, reports Priyansh Verma. The unemploy-ment rate of males fell to 5.8% in Q1FY25 from 6.1% in Q4FY24, while that of females rose to 9% from 8.5%. PAGE 2

WARBUG PINCUS TO **BUY 75-80% IN EBCO** IN ₹3.500-CR DEAL



WARBURG PINCUS
HAS orcpited around
75-80% stake in Ebco
at a valuation of ₹3,500
crore, reports Viveat Susan
Pinto. Ebco's promoter family,
led by Geoffrey Nagpal, would
retain a minority stake. ■ MOC 4

FE SPECIALS

Citroën Basalt: The French have finally found their rock

After four models that did not work, Citroën has finally made a car that can rock.

test 🗢 Bundled health and life cover plans can

These also offer critical illness cover & waiver of premium benefit

■PERSONAL FINANCE, P9

US RECESSION FEARS EASE. FED RATE CUT HOPES RISE

Markets jump nearly 2%

Log biggest single-day gain of the month

VIVEK KUMAR M

BENCHMARK INDICES REGISTERED their hig-gest single-day gain of the month on Friday, as hopes of the US Federal Reserve beginning its optimism comes in the backdrop of US data showing that annual retail inflation in the world's largest economy eased below 3% in July for the first time since 2011.

New Delhi, August 16

ADAYAFTER Prime Minister Naren-

ADAYAFTER Prime Minister Naren-tra Modi piledged in his Indepen-dra Modi piledged in his Indepen-drate of the Indepen-tation of the Indepen-sation of the Independent of the and governance areas, key eco-cusion of the Independent of the secretary, has been shifted to the expenditure department, handled secretary, has been shifted to the expenditure department, handled for the Independent of the Independent Somanathan, who has been selevated to the post of Cabinet secretary.

Deepth Gaur Multerpee will be the new corporate affairs secretary and Nagazaju Maddiralat he new depart-ment of financial services (DFS) sec-retary. Amardeep Singh Bhatia has been appointed as secretary, depart-ment for promotion of another internal trade (DPIIT), with inccum-internal trade (DPIIT), with inccum-

FE BUREAU

FRIDAY FIREWORKS 80,436.84 SENSEX 2.2 1,330.96 24,541.15 Close: Aug 16



undergo major reshuffle

TOP-LEVEL BUREAUCRATIC REJIG

after ten years
TEN YEARS SINCE the last Assembly elections and the first for the UT that was created in

2019, Jammu and Kashmir is headed for a three-phased election in September and October, reports Damini Nath, Polling will be held in J&K on September 18, September 25 and October 1, and votes will be counted on October 4. The EC also amounced the schedule for Haryana—polling on October 4. ■ PAGE 7

JSW Cement files ₹4k-cr IPO papers

JSW GEMENT, PART of the JSW Group, on papers with the Selv for its IPO. The company is planning to raise up to 84,000 crore through the issue, reports Urvi Malvania. The company is Internal trade (IDFIIT), with incum-bent Rajesh Kimnar Simph set to join the defence ministry as officer on the defence ministry as officer on defence secretary.

Topura cader is currently additional scelerose secretary.

Mukerjee, 1969 batch IAS officer the chief escentive officer of the National Health Authority, while Naddirala of the same batch from Urvi Malwania. The company is seeking to mop up \$2,000 crore by selling new shares and \$2,000 crore by selling new shares and \$2,000 croses. The OFS will be by two private equity investors —Apollo Global Management and Synergy Metals investments Holding — and State Bank of India. ■ PAGE 6

Adani's Bangla plant to now sell power to India

HARIKISHAN SHARMA New Delhi, August 16

THE ONLY POWER plant in India

billion) to Bangladesh in 2023-24,up from a little over 3% two years ago (\$498 million).

Following uncertainty in Bangladesh after Prime Minister Sheikh Hasina fled Dhaka to India, a Sheibh Hasina fied Dhalaa to India, a mew intering government is in place. The provided of the provided plants as the power export rules to derakt the only plant, altonging to the Adam Group, lant, altonging to the Adam Group, lant to export its entire output from its 1,600 MW (mega wait) plant in Aper records available with the Kolkata-based Eastern Regional Kolkata-ba

CURRENT AFFAIRS

\$1 billion of India's total exports to

in 2023-24

J&K headed for polls



THIRD SSLV FLIGHT LIFTS OFF

Isro's Small Satellite Launch Vehicle-03 carrying Earth Observation Satellite lifted off from Sriharikota on Friday, With this, the vehicle will be inducted into the space agency's fleet of operational vehicles. The technology of the vehicle, however, will be tran to the private industry for commercial flights in bigger numbers FIRST GAGANYAAN MISSION LIKELY BY DEC, PAGE 24

BOTH COMPANIES ARE STRUGGLING TO MAKE PLANES FAST ENOUGH

2,100 jets delivered by

Marardeep Singh Bhatia has been defence ministry as officer on special duty, before he DPIIT seey

Marardeep Singh Rajesh Kumar Singh to join defence ministry as officer on special duty, before he housing & urban affairs secy

Boeing faces a steep climb in catching up to Airbus

August 16

FOUR YEARS AGO, Airbus scored a major victory: For the first time in its history, more of its passenger planes were flying around the world than those made by its rival, Boeing. Airbus has only tightened its grip on

Charles .

PLANE AND SIMPLE

Alkhus has only tightened its grip on the market sine.

Shiftling the halacter of power shiftling the halacter of the most difficult challenges facing its new chief executive, Kelly ortherg, who started last week. The shampering both companies while start week sampering both companies while start week. The shampering both companies while shampering

new Boeing CEO Kelly Ortberg

■ Shifting the balance of ■ Boeing is

power back in its favour to be most challenging for new Boeing CEO

Softman is boeing is working closely with regulators on improving

It recently started FAA test flights of the 777-9, a wide-body plane designed to fly very long distances

financialexp.epapr.in

safety and quality

New Delhi

We're all suffering."
Unlike Airbus, however, Boeing
has faced twin crises: A pair of fatal

has faced twin crises: A pair of fatal crashes in 2018 and 2019 that led to popular 737 Max plane, and a flight in lanuary during which a panel during which a panel should be should be a panel and the should be a panel and the should be a panel about 16,000 feet. Those events prompted intense be particularly the should be a panel be particularly and while the planuary practices. And while the planuary injuries, it led to a management habee up that produced a new chief above the produced an ewe the during the produced an ewe whether the produced and the produced and the panel of the produced and the panel of panel

Wilson, CEO, Air India, a Boeing and Airbus customer, said last month during a panel discussion at the Farnborough Air Show near Lon-don. But there is a silver lining, he added: 'We're all on the same book. with the union representing produc-tion workers, with the aim of avoid-ing a strike when its contract expire in mid-September. He will also over-see efforts to stabilise production

When asked to comment, a Bog g spokeswoman referred to a me

executive, Ortherg, the former head Continued on Page 7

SpaceX to launch methane satellite

THERE'S ABOUT TO be a new methane eye in the sky. SpaceX is scheduled to launch on Friday the Tanager-1 satellite.

The nonprofit Carbon Mapper is behind the satellite and will make the data available once it's operational in the coming months. Tanager-1 is the second methane-detecting satellite launched in the past six months by a nonprofit, reflecting the growing scrutiny around the potent greenhouse gas and the satellites' low cost relative to others used for atmospheric monitoring.

Developed by Planet Labs PBC with technology from NASA's Jet Propulsion Labora-



tory, Tanager-1 will be able to help pinpoint methane and carbon dioxide emissions from individual facilities. The satellite no bigger than a mini-fridge
will attribute emissions within 50 meters of the source.

Carbon Mapper will focus on tracking methane "super emitters," which include oil and gas wells, large livestock operations, landfills, and industrial refineries. This is the first step in the plan from the Carbon Mapper Coalition, a philanthropically funded public-private partnership, to deploy a constellation of satellites to observe up to 90% of major sources of emissions globally.

The energy industry's methane emissions are at record levels despite reduction pledges. Between 20% and

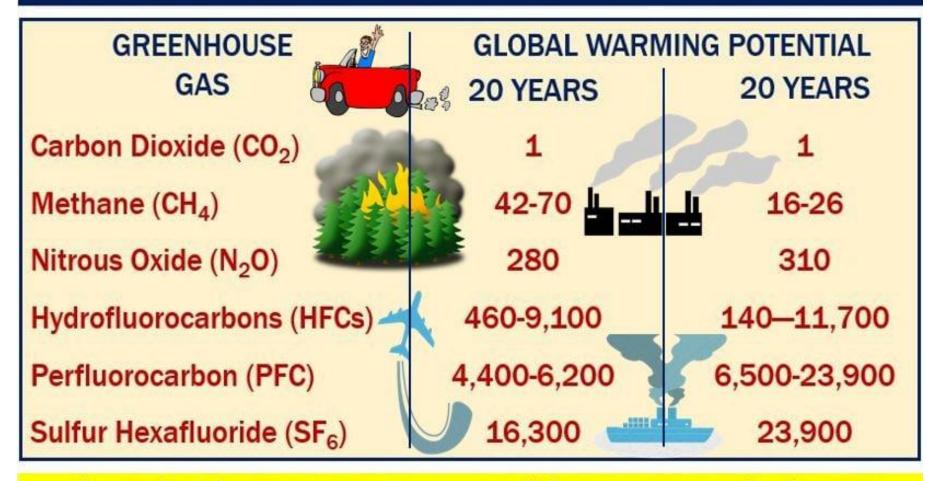
60% of methane emissions from US oil and gas basins come from just 1% of superemitting sources.

The gas is roughly 80 times more potent than CO2 over 20 years, and better oversight of superemitters could pay major climate dividends. The public emissions data could become a market mechanism according to Riley Duren, CEO, Carbon Mapper.

"If you have empirical evidence of [methane leaks from] liquid natural gas, then you can differentiate between cleaner consumers and producers of natural gas," he says.

-BLOOMBERG

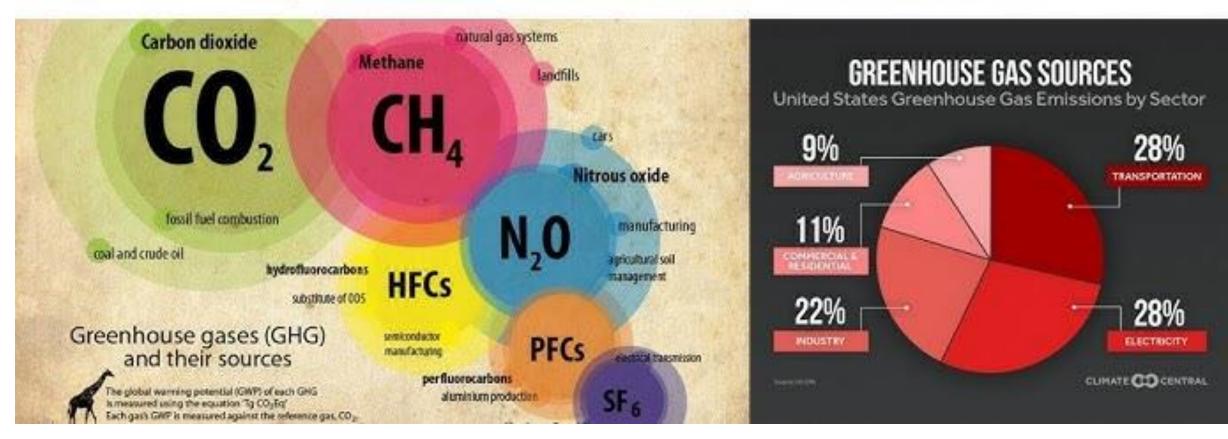
What is the Global Warming Potential?



A relative measure of how much heat greenhouse gas traps in the atmosphere.

GREENHOUSE GASES

& THEIR SOURCES



TOP FIVE SECTORS CONTRIBUTING TO GLOBAL WARMING?









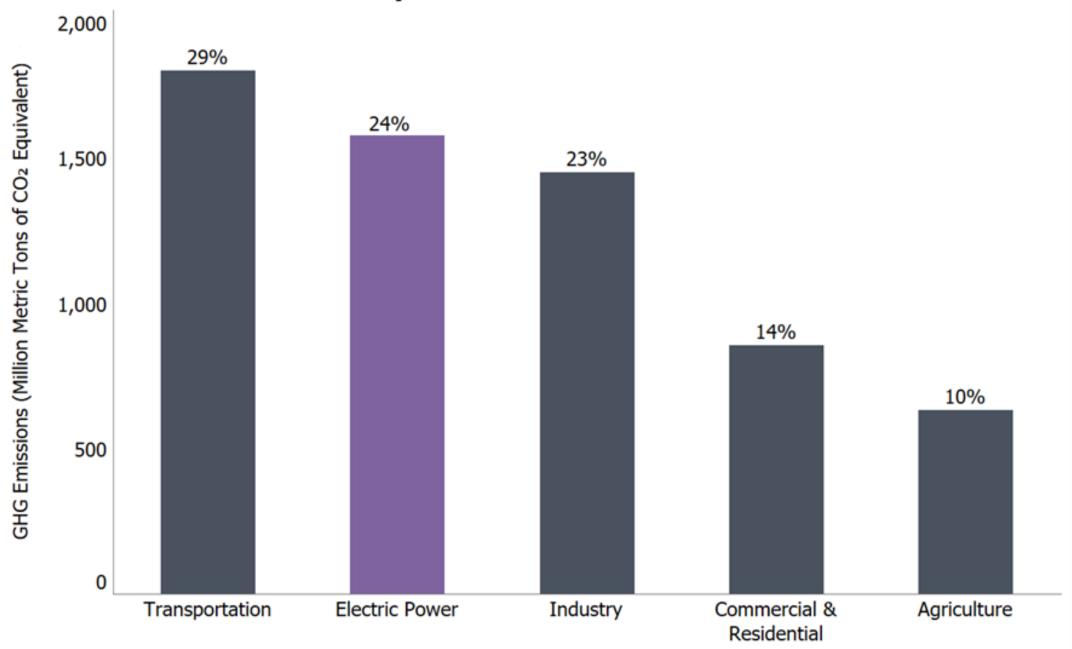


INDUSTRY AND MANUFACTURING





Greenhouse Gas Emissions by Economic Sector



SpaceX Launch of Tanager-1:

SpaceX is scheduled to launch the Tanager-1 satellite, which is designed to detect methane emissions.

The satellite is part of a broader initiative by the nonprofit Carbon Mapper to track methane "super emitters."

Tanager-1 and Its Purpose:

Tanager-1 is the second methane-detecting satellite launched by a nonprofit in the past six months.

The satellite will be able to attribute methane emissions to sources within 50 meters of their origin.

It is equipped with advanced technology developed by Planet Labs PBC in collaboration with NASA's Jet Propulsion Laboratory.

Targeted Emission Sources:

The satellite will focus on significant methane emitters such as oil and gas wells, large livestock operations, landfills, and industrial refineries.

These emitters account for a substantial portion of methane emissions, with 60% of emissions from U.S. oil and gas basins coming from just 1% of super-emitting sources.

Importance of Methane Monitoring:

Methane is a potent greenhouse gas, roughly 80 times more impactful than CO2 over 20 years.

Enhanced monitoring of methane emissions, particularly from super emitters, could have significant climate benefits.

Public Emissions Data:

The data collected by Tanager-1 and similar satellites could help create a public emissions database, potentially influencing market mechanisms.

This could lead to greater transparency and differentiation between cleaner and more polluting producers of natural gas.

Long-Term Plan and Goals:

The Carbon Mapper Coalition plans to deploy a constellation of satellites to monitor up to 90% of major global methane emissions sources.

The initiative is part of a public-private partnership aimed at reducing methane emissions and mitigating climate change.

- What is the primary function of the Tanager-1 satellite being launched by SpaceX?
- a) To monitor solar activity and its effects on Earth.
- b) To detect and attribute methane emissions from significant sources within 50 meters.
- c) To improve global internet connectivity through satellite communications.
- d) To observe ocean currents and predict weather patterns.

Sri Aurobindo

- PM Modi paid homage to the revered philosopher, thinker, and spiritual leader Sri Aurobindo, on his **152nd birth anniversary**.
- Early Life
- Primary education from England St. Paul's School, London, and at King's College, Cambridge.
- He returned to India in **1893** and worked for the next thirteen years in the **Princely State of Baroda** and as a professor in Baroda College.

Role in freedom struggle

In 1906, Aurobindo was appointed the first principal of the National College in Calcutta (Bengal National College), and started to impart national education to Indian youth.

He was the first political leader in India to openly put forward the **idea of complete independence** for the country in his newspaper **Bande Mataram**.

In 1907 at the Surat session of Congress, he led along with extremists.

He helped establish a series of youth clubs, including the **Anushilan Samiti of Calcutta in 1902**

• He was arrested in 1908 in connection with the **Alipore Bomb Case**.

- Yogic Life
- Sri Aurobindo had begun the practice of Yoga in 1905 in Baroda.
- In 1910 he withdrew from politics and went to Pondicherry in order to devote himself entirely to his inner spiritual life and work.
- During his forty years in Pondicherry he evolved a new method of spiritual practice, which he called the **Integral Yoga**.
- In 1926, he founded the Sri Aurobindo Ashram.

- Literary works
- The Life Divine, which deals with the philosophical aspect of Integral Yoga.
- Synthesis of Yoga, which deals with the principles and methods of Integral Yoga.
- Savitri: A Legend and a Symbol, an epic poem.

•

SC has Designated Senior Advocates

The **Supreme Court** has designated 39 lawyers, including 10 women as senior advocates recently.

Senior Advocates

Section 16 of the Advocates Act, 1961 prescribes two different classes of advocates: senior advocates and other advocates.



The designation of senior advocate is a mark of excellence to advocates who have distinguished themselves and have made a significant contribution to the development of the legal profession.

 It identifies advocates whose standing and achievements would justify an expectation that they can provide outstanding services as advocates in the best interest of the administration of justice.



Section 16 also states that senior advocates may be subject to certain additional restrictions.

They are barred from filing a vakalatnama, appearing before a court without a junior or an advocate-on-record, doing drafting work, or directly accepting briefs for cases from clients.



Recommendation: The Chief Justice of India, along with any other Supreme Court judge, can recommend in writing the name of an advocate for the designation.

The new guidelines prescribe the minimum age as 45 years to apply for the 'senior advocate' designation.

• This age limit may, however, be relaxed by the Committee for Designation of Senior Advocates, the CJI, or a Supreme Court judge, if they have recommended an advocate's name.

Grading: Applicants for the designation are graded out of 100 marks



The UN General Assembly has recently introduced a new "vulnerability" index to help small island and developing nations access low-interest financing.

MVI- It is a framework developed to assess the vulnerabilities faced by Small Island Developing States (SIDS).

It is designed to complement traditional metrics like Gross Domestic Product (GDP) to better assess development and vulnerabilities.

Agency- United Nations.

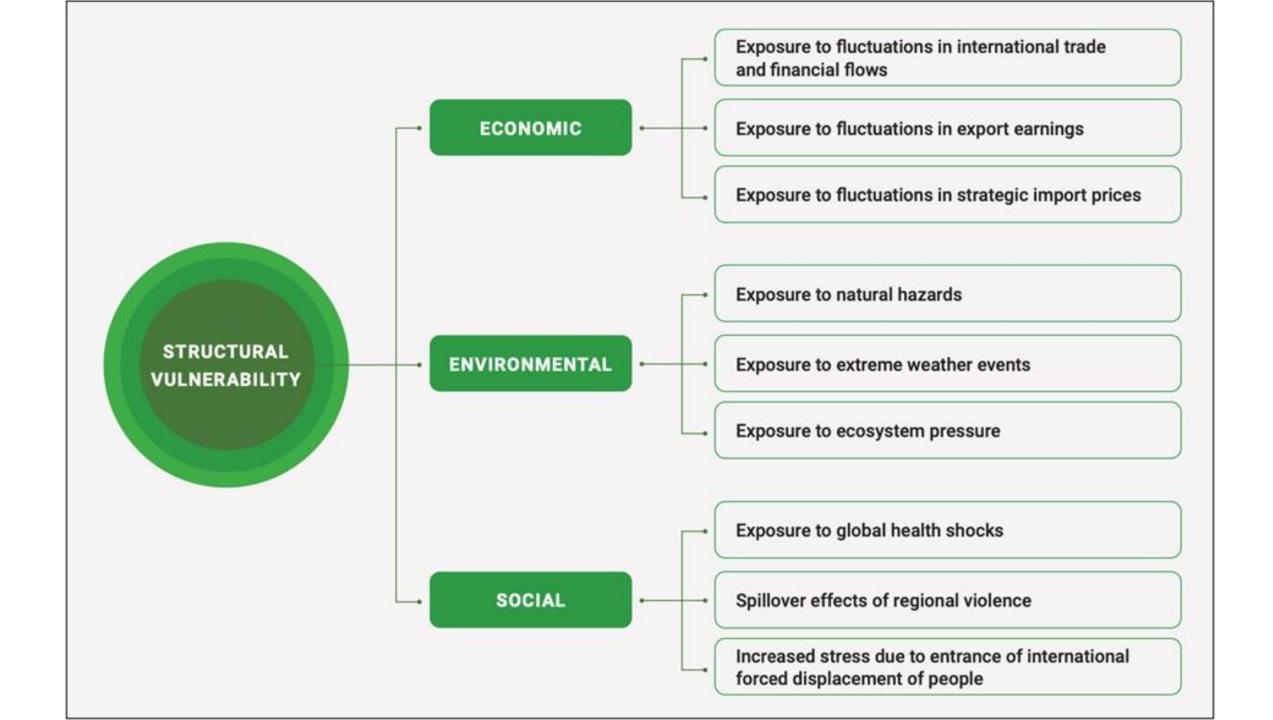
Aim- It aims to provide a more nuanced understanding of the structural challenges these nations encounter, particularly in the context of global crises such as climate change, economic instability, and health emergencies.

Launch- The MVI was officially launched during the 2023 Annual Meetings of the World Bank and the International Monetary Fund, following extensive advocacy from the Alliance of Small Island States (AOSIS) and the UN.

Background- Historically, SIDS has struggled with traditional measures like Gross National Income (GNI) per capita, which do not adequately capture their unique vulnerabilities.

Purpose- The MVI was proposed to address this gap by considering multiple dimensions of vulnerability economic, environmental, and social rather than relying solely on income metrics.

This shift is crucial for improving access to concessional financing and support for sustainable development initiatives.





Recently, ChatGPT-maker OpenAI developed a tool to detect whether its AI (Artificial Intelligence) chatbot has been used to write essays, research papers, or generate photos.

To address issues concerning the authenticity and ownership of such content, leading technology companies like OpenAI, Meta, Microsoft, Google, and Adobe are developing and implementing watermarking techniques.

Artificial intelligence(AI)

Al is the simulation of human intelligence in machines programmed to think and learn like humans, capable of problem-solving, reasoning, and adapting to new information.

Al Timeline - Major Milestones Turing Test Proposed; First 1950s Al Programs Developed Dartmouth Conference Coins "Artificial Intelligence" Eliza Chatbot Created; Early Neural Networks Emerge Deep Blue - a Chess-Playing Program Deep Learning Breakthrough in Image Recognition Generative Adversarial 2014 Networks (GANs) Introduced **GPT-3** Demonstrates 2020 **Advanced Language Generation** Chatgpt Launches, Bringing Conversational AI to Masses Generative Al Boom; Major Tech Companies Release Al Models **KEY COMPONENTS OF AI** Machine Deep Learning

al ₽

Cognitive

Computing

Computer

Vision

Applications of AI

- (b) **Healthcare:** Personalised medicine
- Finance: Algorithmic trading
- **Transportation:** Autonomous vehicles
- Marketing & Customer Service: Targeted advertising, chatbots
- **Education:** Adaptive learning systems, personalised tutoring
- Agriculture: Crop monitoring
- Cybersecurity: Threat detection
- (b) **Energy:** Smart grid management, consumption forecasting

Concerns

- Deepfakes & misinformation
- Algorithmic bias
- Automation & iob displacement
- Privacy issues
- Data ownership & liability issue
- Ethical decision-making complexes

Regulating AI

- Global Partnership on AI (GPAI) launched in
- Bletchley Declaration (2023): Enhance Global Collaboration on Al
- G20 New Delhi Leaders' Declaration (2023): Harnessing AI responsibly for good and for all
- Hiroshima Al Process (2023) by G7

Learning

Natural Language

Processing (NLP)

Neural

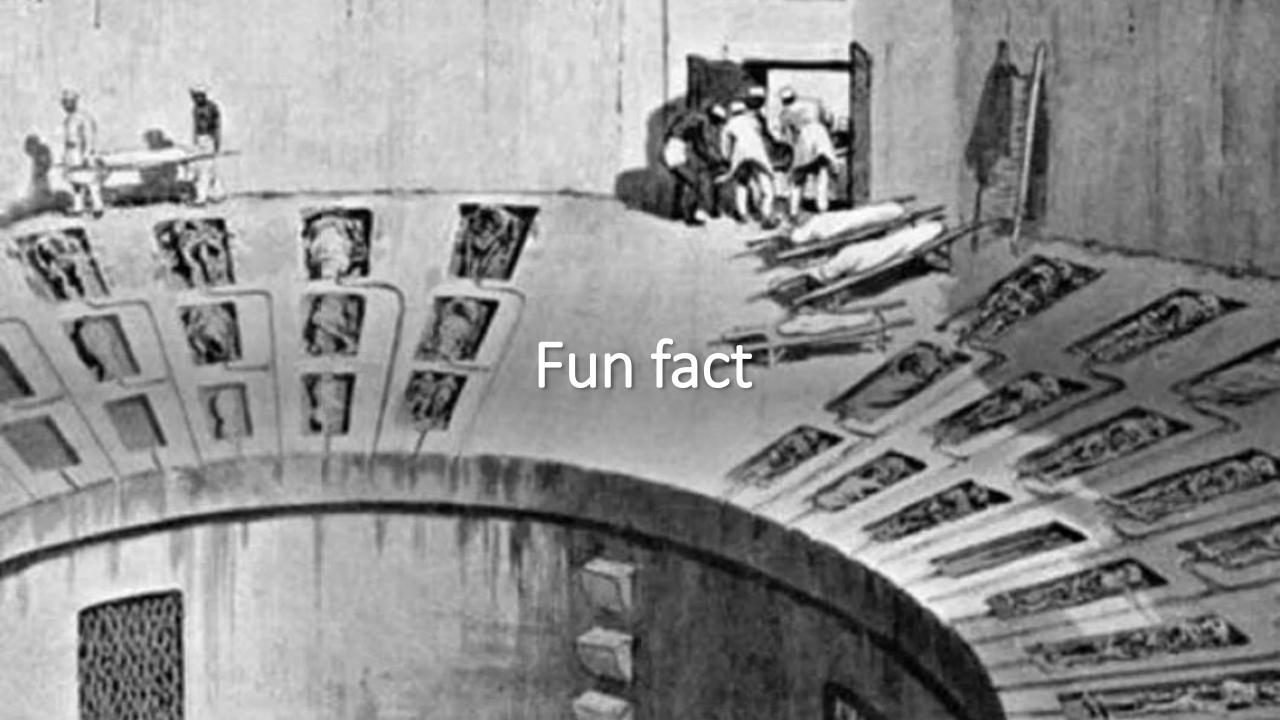
Network

- National Strategy For AI 2018
- Al For All: Self-learning online program
- GPAI Summit 2023 hosted by India
- IndiaAl Mission 2024
- US India Artificial Intelligence (USIAI) Initiative: Al cooperation in critical areas
- (A) AIRAWAT (A) Research, Analytics and Knowledge Assimilation Platform): Supercomputer

India and Al

- With the present state of development, Artificial Intelligence can effectively do which of the following? (2020)
- 1.Bring down electricity consumption in industrial units
- 2. Create meaningful short stories and songs
- 3. Disease diagnosis
- 4. Text-to-Speech Conversion
- 5. Wireless transmission of electrical energy
- Select the correct answer using the code given below:
- (a) 1, 2, 3 and 5 only (b) 1, 3 and 4 only

 - **c)** 2, 4 and 5 only **d)** 1, 2, 3, 4 and 5





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