



The Hindu Important News Articles & Editorial For UPSC CSE

Monday, 22 Sep, 2025

# Edition: InternationalTable of Contents

Page 01	One-time H-1B fee for new
Syllabus : GS 2 : International	applicants: U.S.
Relations/ Prelims	
Page 04	IAF's legendary workhorse MiG-21
Syllabus : Prelims	to fly intosunset on Sept. 26 after
	six decades of service
Page 06	'We fear big industries; outsiders
Syllabus : GS 2 : Indian Polity /	will occupy our land'
Prelims	
Page 07	Astronomers have spotted the
Syllabus: GS 3: Science and tech /	biggest bangs since the Big Bang
Prelims	
Page 08	H-1B, maybe : India's tech workers
Syllabus : GS 2 : International	must reduce their reliance on U.S.
Relations / Prelims	jobs
Page 10 : Editorial Analysis	Can timelines be fixed for
Syllabus : GS 2 : Indian Polity	Governors?







### Page 01: GS 2: International Relations/ Prelims

The U.S. government under President Donald Trump recently announced a sharp hike in the **H-1B visa fee to \$100,000**. Initially, confusion prevailed as Commerce Secretary Howard Lutnick suggested it would be an annual fee. However, the White House later clarified that this will be a **one-time fee applicable only for new H-1B applicants starting from the next lottery cycle**. The clarification eased panic among Indian H-1B visa holders abroad, who had rushed to book last-minute flights fearing heavy re-entry charges.

# One-time H-1B fee for new applicants: U.S.

Only fresh H-1B visa applicants will have to pay starting with the 'next upcoming lottery cycle'

Announcement eased fears among NRIs that triggered surge in flight bookings to the U.S.

Lutnick had stated that no more would these giant tech companies train foreign workers

Kallol Bhattacherjee

day after U.S. President Donald Trump hiked H-IB visa fees to \$100,000, the White House clarified that the fee will not be an annual feature, but rather a "one-time" payment that will have to be made by companies for fresh H-IB visa applicants, starting with the "next upcoming lottery cycle".

The announcement eased the fears that had triggered a surge in last-minute flight bookings to the United States by Indian H-IB visa holders who are currently outside the country, after U.S. Secretary of Commerce Howard Lutnick's earlier remarks indicating that the fee amount would have to be paid ev-

ery year. However, White House Press Secretary Karoline Leavitt contradicted the Commerce Secretary's comments in a social media post early on Sunday.

"To be clear: this is not an annual fee. It's a one-time fee that applies only to the petition. Those who already hold H-IB visas and are currently outside of the country right now will not be charged \$100,000 to re-enter. H-IB visa holders can leave and re-enter the country to the same extent as they normally would: whatever ability they have to do that is not impacted by yesterday's proclamation," the Press Secretary

"This applies only to new visas, not renewals and not current visa holders. It will first apply in the next upcoming lottery

#### Clarity emerges

The White House issued a clarification after an initial announcement on the H-1B visa fee led to panic



not make the payment

U.S. Commerce Secretary
Howard Lutnick had initially
said that the fee would be
applied annually, leading to
much of the confusion

current visa holders need

cycle," she added.

Lutnick's remarks
During the signing of the
proclamation by Mr.
Trump, Mr. Lutnick had
said, "No more will these
big tech companies train
foreign workers. They have

to pay the government a

hundred thousand dollars and then they have to pay the employee. So it's just non-economical. If you are going to train somebody, you are going to train one of the recent graduates from one of the great universities across our land." He added, "A hundred

# Opposition decry failure to take a strong stand

The Hindu Bureau

The Opposition on Sunday took a swipe at Prime Minister Narendra Modi for not taking a firm stand against the "strong-arm tactics" of the U.S. and instead adopting an

thousand dollars a year for H-1B visas and all of the big mily disruptions.

Rush for tickets
In its first response on September 20, the Ministry of External Affairs had cautioned that the order would have "humanitarian"

companies are onboard."

\$100,000 for H-1B visas.

FULL REPORT ON

PAGE 5

"escapist approach" by

giving "vague sermons"

about self-reliance. They

targeted the PM over U.S.

President Trump's move

to impose a fee of

mily disruptions.
Soon after the proclamation by Mr. Trump, several corporate giants, including Microsoft, JPMorgan and Amazon, instructed their H-IB visa holding employees who were outside the U.S. to re-

turn before midnight on Saturday, telling others to remain in the U.S.

Mr. Lutnick's remarks created a rush among H-1B visa holders for last minute purchases of air tickets.

The Hindu reported on Sunday that travel agents observed a surge in last-minute flight bookings to the U.S. on Saturday as H-IB visa holders attempted to reach their work stations in the U.S. ahead of the September 20-21 midnight deadline when the proclamation came into effect.

Officials also observed the spike in last-minute flight bookings, following which the Indian government instructed its missions and embassies across the world to provide "all possible help" to Indians trying to return to the U.S. before the deadline.

#### **Static Background**

#### 1. What is H-1B Visa?

- A non-immigrant U.S. visa that allows companies to employ foreign workers in specialty occupations requiring technical or theoretical expertise (e.g., IT, engineering, finance, research).
- o Validity: Initially 3 years, extendable to 6 years.

#### 2. India-U.S. Linkage

- o Nearly **70% of H-1B visas** go to Indian professionals, especially in the IT sector (Infosys, TCS, Wipro, etc.).
- o Acts as a **strategic bridge** between India and U.S. in technology, education, and services.

#### 3. Historical Context

- U.S. debates over H-1B often revolve around domestic job protection vs. need for global talent.
- o Similar controversies happened during Trump's 2017 "Buy American, Hire American" executive order.

#### **Current Development**

- **Fee Hike:** \$100,000 one-time fee on fresh applicants only.
- No Impact On: Current H-1B visa holders or renewals.



Geetha Hospital, Street No:5, Chaitanyapuri Main Rd, above Dmart Pick-up Point, opp. to Genius Grammar School, Chaitanyapuri, Hyderabad, Telangana 500060 Contact:- 082477 38641 Website:- www.tirumalclassesiasinstitute.com





- Confusion:Lutnick's remark created panic that it would be annual.
- Clarification: White House confirmed it's not recurring.
- Immediate Consequence:
  - Sudden surge in last-minute flight bookings by H-1B holders abroad.
  - o Indian Ministry of External Affairs flagged **humanitarian concerns** due to family disruptions.
  - Companies like Microsoft, JPMorgan, and Amazon advised employees to rush back to the U.S. before the deadline.

#### **Mains Implications**

#### 1. For Indian IT Professionals

- Increased financial burden on employers  $\rightarrow$  reduced hiring of Indians.
- May push companies to look at near-shore centers (Canada, Mexico) or remote work models.

#### 2. For Indian Economy

- o IT exports (~\$250 billion sector) could face slowdown.
- o Remittances from U.S. (biggest source country for India) may reduce if fewer H-1B visas are issued.

#### 3. For U.S. Economy

- Tech industry dependent on Indian talent may face **talent crunch**.
- Could increase cost of innovation and reduce competitiveness.

#### 4. Diplomatic Angle

- o India has consistently raised concerns on visa restrictions in bilateral talks.
- o Could become a sticking point in India-U.S. strategic partnership, even though defense and trade ties are growing.

#### 5. Social & Humanitarian Concerns

- Family disruptions due to sudden orders.
- Anxiety among NRI community.

#### **Way Forward**

#### • For India:

- o Diversify IT markets (Europe, ASEAN, Africa).
- Push for Mode 4 liberalisation (movement of natural persons) in WTO negotiations.
- o Invest in domestic high-tech ecosystem to reduce dependency on foreign markets.

#### • For U.S.:

- Balance between protecting domestic jobs and maintaining innovation edge.
- Structured visa policy instead of abrupt announcements.

#### Conclusion

The U.S. decision to impose a \$100,000 one-time H-1B visa fee highlights the persistent tension between domestic political compulsions and global talent needs. For India, it is a reminder to strengthen its domestic innovation capacity and reduce over-dependence on H-1B visas for IT exports. While the clarification has reduced immediate panic, the development underscores how visa policy continues to remain a strategic and economic variable in India-U.S. relations.







Quality education

#### **UPSC Prelims Practice Question**

#### Ques: Consider the following statements about the H-1B Visa:

- 1. It is a U.S. immigrant visa that allows permanent residence for skilled workers.
- 2. The visa is initially valid for 3 years and can be extended up to 6 years.
- 3. A majority of H-1B visas are issued to professionals from India.

#### How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Ans: (b)

#### **UPSC Mains Practice Question**

**Ques:** Evaluate the implications of the U.S. H-1B visa fee hike on India's IT industry and foreign exchange earnings. What measures can India take to reduce over-dependence on H-1B visas? **(250 Words)** 



**Tirumal** 





### Page 04: Prelims

On **September 26, 2025**, the **Indian Air Force (IAF)** will formally retire the **MiG-21**, its first supersonic fighter jet, after almost **62 years of service**. Known as the "workhorse" of **Indian air defence**, the MiG-21 not only fought wars and conflicts but also symbolised India's growing aerospace ambitions. Its de-induction marks the end of an era and raises questions about India's combat strength at a time of increasing regional security challenges.

# IAF's legendary workhorse MiG-21 to fly into sunset on Sept. 26 after six decades of service

#### Saurabh Trivedi NEW DELHI

The Indian Air Force will officially retire its legendary MiG-21 fighter jets on September 26, marking the end of nearly six decades of service for the aircraft widely hailed as the "workhorse" of India's air defence.

A ceremonial flypast and decommissioning event will be held at the IAF base in Chandigarh and will be attended by senior military leaders and veteran pilots who have flown the jet across



**Glorious stint:** Air Chief Marshal A.P. Singh flew the aircraft recently ahead of its official retirement. FILE PHOTO

generations.

Inducted in 1963, the MiG-21 was India's first supersonic fighter, with its maiden squadron – the 28 Squadron at Chandigarh – earning the nickname 'First Supersonics'. Over the years, India inducted more than 700 MiG-21s of different variants, many built domestically by the Hindustan Aeronautics Limited.

The aircraft was the backbone of the IAF till the mid-2000s, playing crucial roles in the 1965 and 1971 wars, the 1999 Kargil conflict, the 2019 Balakot air strikes, and most recently Operation Sindoor. It was in a MiG-21 that Group Captain Abhinandan Varthaman (then Wing Commander) shot down a Pakistani

F-16 in 2019 before being captured across the border. Besides combat successes, the MiG-21 also boosted India's aerospace industry, pushing indigenous manufacturing and technological capabilities to new levels.

The IAF, in a post on X, described the MiG-21 as a "warhorse that carried the pride of a nation into the skies" and released a tribute video showcasing its storied history.

As the MiG-21 squadrons are phased out, the IAF's combat strength will dip to 29 squadrons.

#### **Static Background**

- Induction: 1963; first squadron = 28 Squadron, Chandigarh→ "First Supersonics".
- Numbers: India inducted over 700 MiG-21s (various variants, many built by HAL).
- Wars & Operations:
  - 1965 & 1971 Indo-Pak wars → decisive roles.
  - 1999 Karqil conflict.
  - 2019 Balakot air strike & aerial dogfight →AbhinandanVarthaman shot down Pakistani F-16.
  - o 2023 "Operation Sindoor" (latest combat role).
- Contribution to industry: Strengthened HAL & indigenous aerospace capability.
- **Nicknames:** "Workhorse", "First Supersonics", "Warhorse that carried the pride of a nation into the skies" (IAF tribute).

#### **Current Development (2025)**

- **Ceremonial Retirement:** Sept 26, 2025, IAF Base Chandigarh.
- Attended by: Air Chief Marshal A.P. Singh, veterans, senior officers.
- Symbolic Last Flight: A flypast showcasing its 60+ years of service.







• IAF Status After Retirement: Combat strength dips to 29 squadrons (below the sanctioned 42).

#### **Implications**

#### 1. **Operational Gap**

- o Retirement reduces squadron strength → capability challenge against a **two-front threat** (China & Pakistan).
- o Greater reliance on Su-30 MKI, Rafale, Tejas, Mirage-2000.

#### 2. Indigenisation Push

- o Opens space for accelerated induction of **LCA Tejas Mk-1A**, **AMCA**, and foreign collaborations.
- Boost to Atmanirbhar Bharat in defence sector.

#### 3. Historical Legacy

- o Symbol of India's Cold War-era defence ties with USSR.
- Helped India develop HAL's licensed production capabilities → foundation for present aerospace industry.

#### 4. Strategic Concerns

- o Pakistan still operates JF-17s (China-Pak co-production).
- China has advanced 5th-gen jets (J-20).
- o India's fleet rationalisation and new acquisitions (Tejas, MRFA deal) become urgent.

#### 5. Public Sentiment

- Emotional connect: generations of IAF pilots trained and fought in MiG-21.
- Also associated with safety concerns (high crash record in later years).

#### **Way Forward**

- Fast-track induction of Tejas Mk-1A, Tejas Mk-2, Rafale-M, AMCA.
- Strengthen squadron numbers towards sanctioned 42.
- Invest in domestic manufacturing with private sector + DRDO-HAL synergy.
- Maintain balanced foreign partnerships (France, Russia, U.S.) for advanced fighter jets.

#### Conclusion

The **MiG-21's retirement** closes a historic chapter in Indian air power. From the 1965 war to the 2019 Balakot aerial dogfight, it was the **steel spine of IAF's combat might**. However, its phasing out exposes India's urgent need to modernise its fleet amidst rising regional tensions. The legacy of the MiG-21 lies not just in victories in the sky, but also in how it laid the foundation of **India's self-reliant aerospace journey**.







#### **UPSC Prelims Practice Question**

#### Ques: Consider the following statements about MiG-21:

- 1. It was the first supersonic fighter jet inducted by the Indian Air Force.
- 2. The first squadron of MiG-21 was based at Ambala and was called "First Supersonics."
- 3. Group Captain Abhinandan Varthaman flew a MiG-21 during the 2019 Balakot air skirmish.

#### Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

Ans: (c)









### Page 06:GS 2: Indian Polity / Prelims

The Union Territory (UT) of Ladakh, carved out of Jammu & Kashmir in 2019, has witnessed repeated protests and hunger strikes led by local bodies such as the Leh Apex Body (LAB) and the Kargil Democratic Alliance (KDA). Their demands—Statehood, Sixth Schedule inclusion, separate Lok Sabha seats for Leh and Kargil, and filling of government vacancies—highlight the tensions between strategic national interests and local aspirations of protection over land, jobs, and culture.

# 'We fear big industries; outsiders will occupy our land'

The ongoing protest in Ladakh is for Statehood, Sixth Schedule safeguards, Lok Sabha seats for Leh, Kargil, filling of job vacancies, says president of Ladakh Buddhist Association and co-convener of Leh Apex Body; he says their primary complaint is that talks are not taking place on a regular basis

#### INTERVIEW

#### <u>Cherring</u> Dorjay Lakruk

Vijaita Singh

limate activist So-Wangchuk nam and other residents of Ladakh are on a hunger strike to demand constitutional safeguards for the region bordering China that was converted into a Union Territory in 2019. A high-powered committee (HPC) led by Minister of State for Home Nityanand Rai was constituted in Ianuary 2023 to address the concerns of people in Ladakh. The committee was reconstituted in November 2023, but the talks broke down in March 2024. The

discussions resumed on December 3, 2024, and the last round was held on May 27. Cherring Dorjay Lakruk, the president of the powerful Ladakh Buddhist Association and co-convener of the Leh Apex Body, which is part of the HPC, speaks about their protest.

### Why are you protesting again?

This is essentially for our four demands (inclusion in the Sixth Schedule of the Constitution (tribal status), Statehood, separate Lok Sabha seats for Leh and Kargil districts, and filling of existing government vacancies]. The Home Ministry has suspended the talks, and it is being done to resume the process.

How long will it go on?



Mr. Wangchuk has declared that the protest and the hunger strike will go on for 35 days. However, this could be extended.

#### How many meetings did you have with the Home Ministry so far?

For the past four or five years, we have had many rounds of talks, but those have been irregular. Last year, Sonam Wangchuk had to march from Leh to Delhi and sit on a hunger strike, only then the talks

resumed. Our primary complaint is that the talks are not taking place on a regular basis.

In May, President Droupadi Murmu notified four regulations for Ladakh, defining new policies on reservation, languages, domiciles, and composition of hill councils. Didn't these incorporate your demands?

No, talks have taken place pertaining to our two major demands - Statehood and Sixth Schedule.

When Ladakh became a Union Territory, there were celebrations in Leh by the BJP. You have been associated with it.

I was in BIP then, but did

not celebrate. Our main demand then was U.T. with legislature.

#### Has the Home Ministry ever assured Statehood in the talks so far?

They said they will discuss, but the provision for Statehood is there in the Constitution.

### What are the changes you expect if Statehood is granted?

Our main concern is land. This is a lot of barren land here. Safeguarding land is our priority. Jobs and culture can be protected by the Sixth Schedule.

### What is the fear around land?

We fear big industries and hotels will come here and outsiders will occupy our land. Here, hotels are run by family businesses; we do not have 400-500 room hotels here. Outsiders will take away our businesses.

### What kind of protection you had when you were part of J&K?

Our land was 100% protected then. No outsiders could apply for jobs. Because of Article 370, outsiders could not buy land. Now they can.

### What will be your next move?

The Ministry has sent us feelers for talks. It wants us to end the fast, but we cannot call off the strike. If the talks go in the right direction, we can consider. We won't suspend the hunger strike.

#### **Current Context**

- Protests: Climate activist SonamWangchuk and civil society leaders are on a hunger strike (planned 35 days, may extend) demanding constitutional safeguards.
- Talks with Centre: A High-Powered Committee (HPC) was formed in 2023 under MoS Home Nityanand Rai. Talks have been irregular, breaking down in March 2024 and resuming briefly in Dec 2024–May 2025.
- Concerns:
  - o Fear of outsiders buying land & setting up big industries/hotels.
  - o Lack of regular dialogue with the Home Ministry.
  - o Discontent with recent Presidential notifications (May 2025) on **reservation**, **domicile**, **language**, **hill councils**—since they didn't address **Statehood & Sixth Schedule**.

#### **Static Context**

1. Sixth Schedule (Articles 244 & 275)



Geetha Hospital, Street No:5, Chaitanyapuri Main Rd, above Dmart Pick-up Point, opp. to Genius Grammar School, Chaitanyapuri, Hyderabad, Telangana 500060 Contact:- 082477 38641 Website:- www.tirumalclassesiasinstitute.com





- o Provides autonomy to tribal areas in Assam, Meghalaya, Tripura, Mizoram.
- Safeguards land, culture, and jobs through Autonomous District Councils.
- Ladakh leaders demand similar protection given its 95% tribal population (ST status).

#### 2. Statehood Demand

- o Current UT status means administration by L-G without legislature.
- o Statehood would allow **elected representatives & greater autonomy**.
- Precedent: Similar demand arose in Delhi (UT with legislature).

#### 3. Article 370 Removal (2019)

- Earlier, Ladakh under J&K enjoyed land & job protection.
- Now, land can be purchased by outsiders, raising demographic and cultural fears.

#### **Issues Involved**

- **Security Dimension:**Ladakh borders **China (Eastern Ladakh LAC)**→ strategic location means Centre reluctant to devolve too much power.
- **Development vs Identity:** Locals fear **uncontrolled tourism &industrialisation** will erode fragile ecosystem and cultural traditions.
- Political Representation: Currently, Ladakh has 1 Lok Sabha seat; demand is for 2 seats (Leh&Kargil) for better representation.
- Employment: Large number of government job vacancies remain unfilled.

#### **Way Forward**

- Structured Dialogue: Regular institutionalised talks between Centre & Ladakh leaders.
- Tailored Safeguards: Explore special protections outside Sixth Schedule, similar to Article 371 provisions for NE states.
- Balanced Development: Encourage sustainable tourism and local entrepreneurship instead of large industrial entry.
- Political Empowerment: Consider UT with legislature model as an intermediate step.

#### Conclusion

The ongoing protests in Ladakh represent the clash between strategic centralisation and local aspirations for autonomy. While Ladakh holds immense importance in terms of national security and geopolitics, ignoring genuine concerns of land, jobs, and culture could deepen alienation. A balanced constitutional solution, possibly inspired by Sixth Schedule or Article 371 safeguards, along with regular dialogue, is essential to ensure that Ladakh becomes a model of both security and inclusivity.







#### **UPSC Prelims Practice Question**

Ques: Consider the following statements about the Sixth Schedule of the Constitution:

- 1. It provides for autonomous district councils in certain tribal areas.
- 2. It is applicable only to the Union Territories of Ladakh and Andaman & Nicobar Islands.
- 3. Councils under the Sixth Schedule can make laws on land, forest, and culture.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Ans:b)

#### **UPSC Mains Practice Question**

**Ques:** Ladakh's demand for Statehood and Sixth Schedule safeguards reflects the tension between national security interests and local aspirations. Discuss.(**150 Words**)



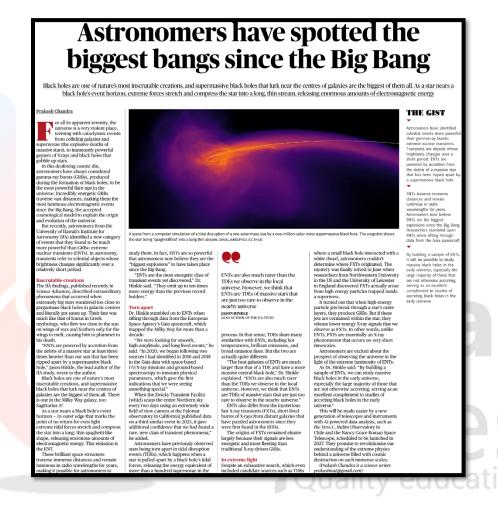






### Page: 07: GS 3: Science and tech / Prelims

Astronomy continues to reshape our understanding of the cosmos. After gamma-ray bursts (GRBs) were long considered the most powerful events since the Big Bang, astronomers from the **University of Hawaii's Institute for Astronomy (IfA)** have now identified a new category: **Extreme Nuclear Transients (ENTs)**. These are rare, immensely powerful explosions caused when **massive stars are torn apart by supermassive black holes**.



#### **Current Context**

- Discovery: ENTs were identified in 2020–2023 from ESA's Gaia spacecraft and the Zwicky Transient Facility.
- Energy Output: ENTs emit up to 10 times more energy than gamma-ray bursts.
- Mechanism:
  - Massive stars (≥3 solar masses) wander too close to a supermassive black hole.
  - They undergo "spaghettification"—stretched into thin streams by tidal forces.
  - The debris accretes into the black hole, releasing extreme **electromagnetic radiation** visible for years.
- Comparison with other phenomena:
  - o **TDEs (Tidal Disruption Events):** Similar but involve smaller stars/black holes; ENTs involve bigger stars and larger black holes.







FXTs (Fast X-ray Transients): Short-lived, lower-energy X-ray events; different origin.

#### **Static Context**

#### 1. Black Holes:

- o Regions where gravity is so strong that not even light can escape.
- Types: Stellar-mass, Intermediate, Supermassive (e.g., Sagittarius A\* in Milky Way).

#### 2. Event Horizon:

Boundary beyond which nothing can return; "point of no return."

#### 3. Tidal Forces & Spaghettification:

• Extreme stretching and compression as objects approach event horizon.

#### 4. Transients in Astronomy:

o Celestial phenomena with **short-lived**, **high brightness changes** (novae, supernovae, GRBs, TDEs, ENTs).

#### Significance of ENTs

- Astrophysics: Provide insights into supermassive black holes that are otherwise dormant and invisible.
- Cosmology: Help study conditions of the early universe, when black holes were rapidly growing.
- Technology: Future telescopes like the Vera C. Rubin Observatory and Nancy Grace Roman Space Telescope (2027) will enhance ENT detection with Al-powered data analysis.
- **UPSC Relevance:** Showcases India's interest in space science collaborations (e.g., **AstroSat, Aditya L-1, ISRO–ESA projects**).

#### Issues & Challenges

- Rarity: ENTs are far less common than TDEs, making them hard to detect.
- Data Overload: Sky surveys generate petabytes of data; requires AI & machine learning for analysis.
- Observation Limits: Many ENTs occur in distant galaxies → only detectable with next-gen instruments.

#### **Way Forward**

- Global Collaborations: Data sharing among ESA, NASA, ISRO, and international observatories.
- Al in Astronomy: Automating transient detection.
- Indian Role: Leveraging ISRO's missions and potential collaborations with Rubin & Roman telescopes.
- Public Science: Communicating such discoveries boosts STEM awareness.

#### Conclusion

Extreme Nuclear Transients redefine the limits of cosmic violence, surpassing gamma-ray bursts as the most powerful explosions since the Big Bang. Their discovery illustrates how **cutting-edge telescopes**, **Al-driven data analysis**, **and global cooperation** are unlocking mysteries of the universe. For UPSC, ENTs are a reminder that science and technology not only deepen our knowledge of space but also symbolize the **frontiers of human curiosity and exploration**.





Quality education

#### **UPSC Prelims Practice Question**

#### Ques :Consider the following astronomical phenomena:

- 1. Gamma-Ray Bursts (GRBs)
- 2. Tidal Disruption Events (TDEs)
- 3. Extreme Nuclear Transients (ENTs)

#### Which of the above is/are associated with supermassive black holes consuming stars?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 only
- (d) 1, 2 and 3

Ans: b)

#### **UPSC Mains Practice Question**

**Ques:**Extreme Nuclear Transients (ENTs) have been described as the most powerful explosions since the Big Bang. Explain how their study can help us understand supermassive black holes and the evolution of the early universe. **(150 Words)** 









### Page 08:GS 3: Environment / Prelims

The recent decision by the U.S. administration under President Donald Trump to raise the **H-1B visa fee for new applicants to \$100,000** has triggered widespread concern in India and abroad. With Indian nationals constituting over 70% of H-1B visa recipients, this policy change directly impacts India's **tech workforce**, **families**, **and the IT services industry**. It also raises broader questions about **skilled migration**, **protectionism**, **and India's need to reduce overdependence on U.S. jobs**.

#### **Current Context**

- **Fee Increase:** \$100,000 (almost 6x hike from current levels).
- Cap: Annual limit remains **85,000 visas** (since 2004), allocated via lottery.
- Application Trends: 2025 cycle saw applications drop to 3.59 lakh (4-year low).
- India's Share: ~71% of recipients are Indian nationals; 60% earn < \$100,000, raising cost-benefit concerns for U.S. employers.
- **Diplomatic Reaction:** India's MEA highlighted the contribution of Indian tech talent to U.S. innovation, but leverage to reverse the policy is limited.

#### **Static Context**

#### 1. H-1B Visa:

- Non-immigrant visa for skilled workers in specialty occupations (tech, engineering, medicine).
- Initially created to fill skill gaps in the U.S. workforce.

#### 2. Brain Drain & Brain Gain:

- o India long suffered **brain drain** of tech talent to U.S.
- Recent policies + rise of India's IT industry → gradual shift towards brain gain (talent returning, remote work).

#### 3. Protectionism vs Globalisation:

 U.S. move reflects nativist, protectionist economic policies, clashing with principles of free movement of labor in globalisation.

#### Implications for India

#### Short-term:

- Families of potential migrants face uncertainty.
- o Indian IT firms may face **revenue dips** and rising operational costs.
- Talent pipeline to Silicon Valley disrupted.

#### • Long-term:

- Opportunity for India to build domestic tech ecosystem (Al, quantum computing, cybersecurity).
- Explore new markets in Asia, Europe, Africa to diversify dependence.
- Push for remote work models and global freelancing in IT.



### H-1B, maybe

India's tech workers must reduce their reliance on U.S. jobs

resident Donald Trump's decision to charge new applicants for the H-1B highly skilled non-immigrant visa \$100,000, nearly six times the current fee, has caused widespread consternation that not only might the lives of tens of thousands of potential visa applicants in the tech space be impacted, leading to "humanitarian consequences" for families, as mentioned by India's Ministry of External Affairs, but there will also be widespread disruption among major tech companies in the U.S. that rely on hiring skilled workers under this visa. While the number of visas issued in this category has been capped at 85,000 per year since 2004, and allocations are decided through a lottery, reports based on U.S. Citizenship and Immigration Services data suggest that applications for the up coming fiscal year have dropped to a four-year low of nearly 3,59,000. Indian nationals typically account for 71% of these visas, yet data also suggest that close to 60% of these visa recipients earn less than \$100,000, which, over the longer term, implies that their employers may find it harder to justify hiring such specialised workers from abroad. The External Affairs Ministry's response to the White House action included a reiteration of the fact that "Skilled talent mobility and exchanges have contributed enormously to technology development, innovation, economic growth, competitiveness and wealth creation in the U.S. and India", yet there is limited scope for South Block to apply pressure, diplomatic or political, to get the policy reversed.

However, the fallout for Indian citizens can be contained if there is a proactive approach by the Government to bolster India's infrastructure and undertake necessary reforms to improve the prospects for the Indian tech industry to make even greater strides than it has done so far. This might be achieved by capitalising on opportunities to develop new capabilities in the Artificial Intelligence space and exploring new markets across Asia, including China and Russia, and in parts of Europe, where the transatlantic contagion of nativist protectionism has not vet found willing takers. While the Trump order is set to expire within a year, there is no guarantee that it would not be extended, making it all the more pertinent for policymakers in India to evolve a long-term plan to reduce reliance of Indian tech workers on the shrinking pool of job opportunities in the U.S. economy. As India and other countries adjust to this new reality of the hostility of the Trump White House to welcoming future innovators, job-creators, and tax-payers to their shores, it is the U.S. rather than other nations that will suffer a shortage of scientific and engineering prowess to fuel economic progress





#### Way Forward for India

- 1. **Policy Reforms:** Strengthen India's **digital infrastructure**, **ease of doing business**, and startup ecosystem.
- 2. **Upskilling:** Massive investment in **AI, semiconductor design, cloud, green tech skills** to move up value chain.
- 3. Global Strategy: Forge bilateral talent mobility partnerships beyond the U.S. (e.g., with EU, Japan, Australia).
- 4. Leverage Diaspora: Encourage Indian-origin tech leaders abroad to invest back in India's innovation ecosystem.

#### **Conclusion**

The U.S. visa fee hike underscores the risks of India's overdependence on **one country's job market for its skilled professionals**. While the U.S. may face a shortage of talent in the long run, the immediate challenge is for India to **recalibrate its tech strategy**. By diversifying markets, nurturing domestic innovation, and fostering global partnerships, India can convert this challenge into an opportunity—reducing reliance on U.S. visas and positioning itself as a **global hub of technology and innovation**.

#### **UPSC Prelims Practice Question**

Ques: With reference to the H-1B visa, consider the following statements:

- 1. It is a non-immigrant visa that allows U.S. companies to employ foreign workers in specialty occupations.
- 2. The annual cap for H-1B visas has been fixed at 85,000 since 2004.
- 3. Indian nationals account for less than 25% of H-1B recipients.

#### Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Ans: (b)

#### **UPSC Mains Practice Question**

**Ques:** Critically analyse how protectionist policies such as the H-1B visa fee hike can impact India's technology sector. In this context, highlight measures India can adopt to strengthen its domestic innovation ecosystem. **(150 Words)** 







# **Page: 08 Editorial Analysis**



GS. Paper 02-Indian Polity

UPSC Mains Practice Question: Can timelines be fixed for Governors to act on Bills? Discuss in light of Articles 200, 201 and federal principles in India. (150 Words)

#### **Context:**

The office of the Governor in India, constitutionally designed as the **nominal head of the State**, often finds itself at the center of **federal tensions**, especially when Bills passed by State legislatures are withheld, returned, or reserved for the President's consideration. A **Supreme Court judgment in April 2025** and the subsequent **Presidential reference** have reignited debates on whether **timelines can be fixed** for Governors and the President under **Articles 200 and 201** of the Constitution.







#### **Constitutional Framework**

- Article 200: When a Bill is presented to a Governor, he/she can:
  - 1. Give assent
  - 2. Withhold assent (reject)
  - 3. **Return the Bill** for reconsideration
  - 4. **Reserve the Bill** for the President
- Article 201: Governs President's assent for Bills reserved by Governors.
- Article 163: Requires Governors to act on ministerial advice, except in matters where discretion is mandated.

#### **Key Points:**

- Normally, Governor does not exercise personal discretion except in rare cases like potential unconstitutionality or certain Bills affecting High Courts.
- Constitution does not prescribe timelines for Governors/President to act on Bills.

#### **Supreme Court Judgments & Commission Recommendations**

- Shamsher Singh Case (1974): Governor must act per Council of Ministers' advice; discretionary powers are limited.
- April 2025 Judgment (TN vs Governor):
  - Specified 3-month timeline for Governor to act on Bills.
  - o If a Bill is re-passed by the legislature, the Governor must assent.
  - Timeline of 3 months also suggested for President to decide on reserved Bills.
- Sarkaria Commission (1987): Only rare unconstitutional Bills can be reserved at Governor's discretion; President to dispose within 6 months.
- Punchhi Commission (2010): Recommended Governor to act on Bills within 6 months.

#### **Arguments For and Against Timelines**

#### Centre/Governor-side:

- Article 163(2) grants discretionary powers; courts cannot interfere.
- Constitution lacks explicit timelines; judicial imposition may usurp executive discretion.
- Political issues should be resolved within the constitutional framework, not by courts.

#### Opposition/State-side:

- Governors in Opposition-ruled States have selectively delayed Bills.
- Such delays **undermine popular mandate** and federalism.
- Timelines ensure accountability and respect for elected governments.

#### **Issues at Stake**

- 1. Federalism: Protecting the balance between Centre, Governor, and State legislature.
- 2. **Democratic Mandate:** Preventing misuse of gubernatorial office to obstruct elected governments.







- 3. **Judicial Review:** Courts exercise restraint, but intervene when **unreasonable delays** threaten constitutional governance (e.g., K.M. Singh, 2020).
- Politicisation of Governor's post: Calls for reforms, but abolition is constitutionally impractical.

#### **Way Forward**

- Governors should adhere to April 2025 SC timelines to uphold democratic norms.
- Centres and State governments must respect federal principles, avoiding political manipulation.
- Courts may **intervene selectively** to prevent undue delays without encroaching on executive discretion.
- Consideration of **constitutional reforms** or guidelines to reduce politicisation of Governor's office.

#### **Conclusion**

The Governor's assent powers are **largely ministerial** rather than discretionary. The April 2025 judgment reflects a **judicial attempt to protect federalism and the democratic mandate** without disturbing the constitutional office. While Article 163 allows limited discretion, **timelines for assent** reinforce accountability and prevent misuse of power, ensuring that elected governments can function without obstruction.



