



# The Hindu UPSC Notes

The Legend IAS

## 9 September 2025

Comprehensive analysis with examination traps, key terms, and strategic insights for UPSC preparation

# Adult Neurogenesis in Human Brain

## Breaking Scientific Discovery

A groundbreaking study utilising modern sequencing techniques and machine learning has reignited the scientific debate on whether adult human brains can generate new neurons. This research opens potential therapeutic pathways for treating dementia and memory disorders, marking a significant advancement in neuroscience.

### Neurogenesis

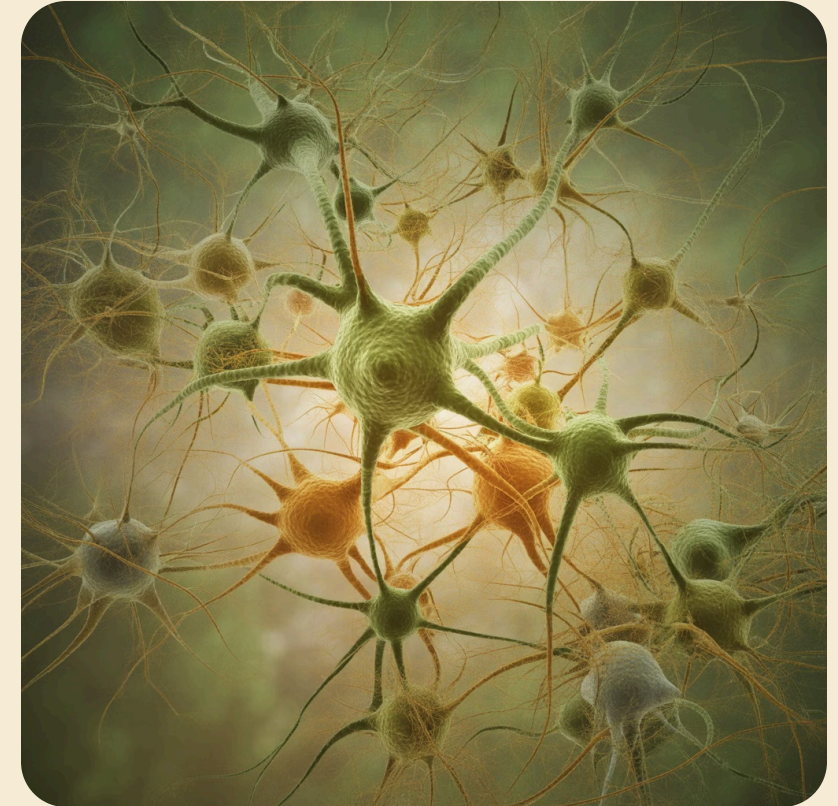
Formation of new neurons from neural stem cells - previously believed absent in adults

### Hippocampus Evidence

Latest research focuses on brain's **memory and learning hub**

### Therapeutic Potential

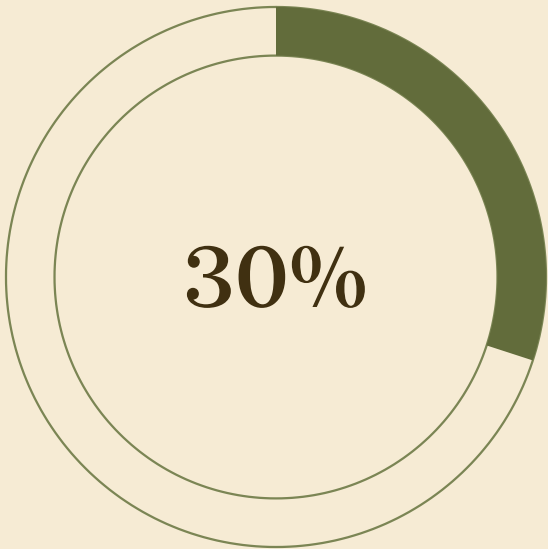
Direct link to dementia therapy through memory retention enhancement



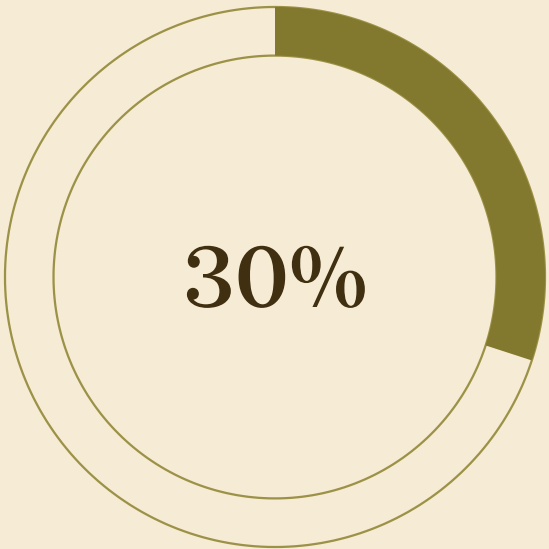
**i** Mains Application: Science-policy linkage in health innovation for India's ageing population

# NIRF 2025 Rankings Released

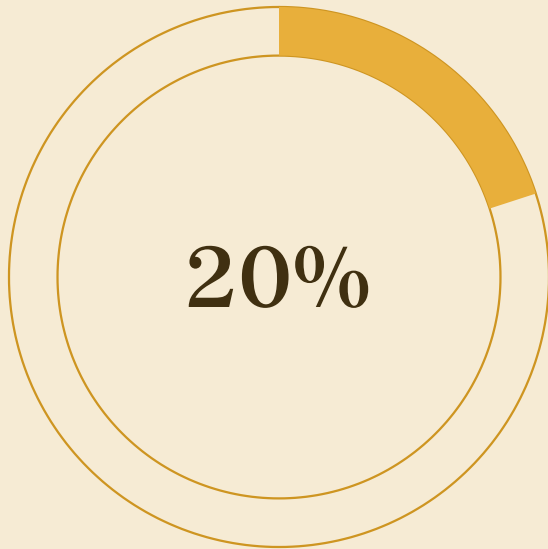
The National Institutional Ranking Framework (NIRF) 2025 results showcase India's educational excellence with record participation from 14,163 institutions across 17 categories. **IIT-Madras, IISc, AIIMS, and IIM Ahmedabad** continue their dominance in top positions.



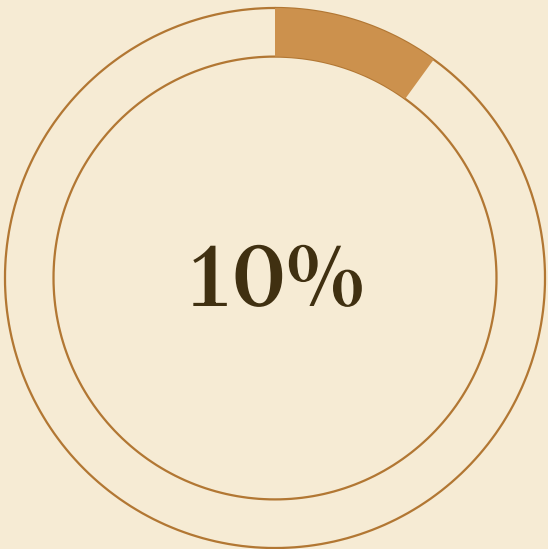
Teaching, Learning & Resources (TLR)



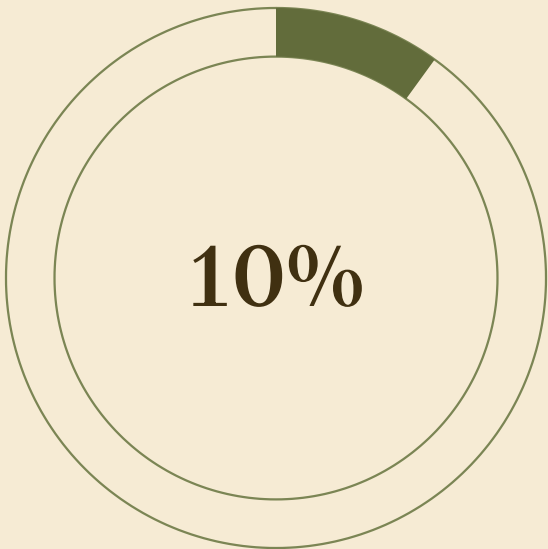
Research & Professional Practice (RP)



Graduation Outcomes (GO)



Outreach & Inclusivity (OI)



Peer Perception

**Critical Insight:** NIRF launched in 2016, but OI parameter remains **weak** on disability and economic disadvantage metrics



# Assam's Immigration Controversy



## Student Groups Launch Hunger Strike

Assam student organisations have initiated hunger strikes opposing the **new immigration order** that **exempts Hindu, Sikh, and Jain immigrants from document requirements**, directly linked to the Citizenship Amendment Act (CAA) implementation.

### 1985 - Assam Accord

Established 24 March 1971 as cutoff date for citizenship

### 2025 - New Order

Immigration & Foreigners Act creates fresh tensions

1

2

3

### 2019 - CAA Passed

Fast-track citizenship for 6 communities from Afghanistan, Bangladesh, Pakistan

⚠ **Demographic Anxiety:** Local communities **fear becoming minorities in their own state** - a recurring theme in border states

# Gujarat's Decriminalisation Drive



## Unauthorised Construction

Replacing jail terms with monetary penalties for building violations, streamlining urban development processes



## Public Encroachment

Fines instead of imprisonment for public space violations, reducing judicial burden significantly



## Municipal Waste Violations

Monetary penalties for waste management breaches, promoting cleaner cities through economic incentives



## Tax Defaults

Financial penalties replacing criminal charges for tax defaults, improving revenue collection efficiency

This comprehensive reform aligns with the 74th Constitutional Amendment empowering urban local bodies and supports the Ease of Doing Business initiative through regulatory simplification.

# Judicial Appointments Update



## New Chief Justice of Bombay High Court

**Justice Shree Chandrashekhar** has been appointed as the **Chief Justice of Bombay High Court**, following the constitutional process outlined in Article 217.

01

### Presidential Appointment

Under Article 217, the President appoints High Court Chief Justices

02

### Collegium Recommendation

CJI-led collegium system recommends suitable candidates

03

### Supreme Court Consultation

Chief Justice of India and SC judges provide consultation



**Mains Relevance:** Judicial independence and ongoing collegium system debates



# Market & Economic Indicators

80,787

Sensex Points

Market closing on 9  
September 2025

\$66.12

Brent Oil per  
Barrel

Reflecting low global  
oil prices

₹1,07,122

Gold per 10g

Declined by 0.69%  
from previous session

## Top Performers

- Bajaj Auto: ₹9,433.5 (+₹349)
- Strong automotive sector  
momentum

## Market Declines

- Coal India: ₹387 (-₹5.6)
- Energy sector adjustments

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# Key Terms Mastery



## Neurogenesis

Formation of new neurons from neural stem cells



## Hippocampus

Brain's primary memory and learning centre



## NIRF Parameters

TLR, RP, GO, OI, and Peer Perception metrics



## CAA 2019

Citizenship amendment for persecuted minorities



## 74th Amendment

Constitutional empowerment of urban local bodies



## Article 217

High Court judges' appointment provisions



# Strategic Preparation Summary



## Science & Health

Focus on policy implications of scientific breakthroughs for India's demographic transition



## Education & Governance

Understand ranking frameworks and their role in higher education reform



## Federal Dynamics

Analyse centre-state tensions through immigration and identity politics

"Success in UPSC demands connecting current affairs with constitutional provisions, policy frameworks, and socio-economic implications"

**Remember:** Each news item carries multiple dimensions - prelims facts, mains applications, and analytical perspectives. Master the art of multi-dimensional thinking!

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