



# BENEVOLENT IAS ACADEMY

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## **TODAY'S IMPORTANT CURRENT AFFAIRS**

### **UPSC PRELIMS**

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**Source: The Hindu**

#### **TODAY'S DROPS OF NEWS:**

<b><u>SUBJECT</u></b>	<b><u>IN NEWS</u></b>
<b>POLITY</b>	<b>Shringla, Nikam, two others nominated to the Rajya Sabha.</b>
<b>ECONOMY</b>	---
<b>GEOGRAPHY</b>	---
<b>HISTORY AND ART &amp; CULTURE</b>	---
<b>ENVIRONMENT</b>	---
<b>SCIENCE &amp; TECH</b>	<b>ULFA(I) says missile strike killed two top leaders in Myanmar.</b>
<b>MISCELLANEOUS</b>	---

#### **POLITY**

**In news:** Shringla, Nikam, two others nominated to the Rajya Sabha.

#### **Rajya Sabha MP:**

Rajya Sabha is one of those two houses, i.e. the upper house of the Parliament. It is empowered to protect the interests of the states and union territories if there is an

interference by the centre in their work.

<b>Maximum Strength – 250</b>	238 represent States & Union Territories
	12 are nominated by the president

### **Representation of Nominated Members in Rajya Sabha:**

12 people are nominated by the President in Rajya Sabha for their contribution and expertise in the fields of:

- Art
- Literature
- Science
- Social Service

### **SCIENCE & TECH**

**In news:** **ULFA(I) says missile strike killed two top leaders in Myanmar.**

**Missile technology:** A missile is a guided airborne ranged weapon capable of self-propelled flight usually by a jet engine or rocket motor. Missiles have five system components:

- Guidance system
- Targeting system
- Flight system
- Engine
- Warhead

### **Types of Missiles Based on Speed:**

- **Subsonic missile** - the speed is less than 1 mach.
- **Supersonic missile** - the speed is greater than 1 mach but upto 5 mach range.
- **Hypersonic missile** - the speed is greater than 5 mach.

## Types of Missiles in India Based on Trajectory:

**Ballistic missile** - the missile that travels in a fixed lofting path. Target is fixed and launched, it escapes the atmosphere and free-fall on to the target.

**Cruse missile** - It is a guided missile used against terrestrial or naval targets, that remains in the atmosphere (unlike ballistic missiles) and flies the major portion of its flight path at an approximately constant speed, before hitting the target.

Launch Mode	Description Examples
➤ Surface-to-Surface	Launched from land-based platforms to strike ground targets.
➤ Surface-to-Air	Launched from land to intercept aerial threats like aircraft, helicopters, and drones.
➤ Air-to-Surface	Air launched to attack ground-based targets.
➤ Air-to-Air	Launched from aircraft against hostile aerial targets.
➤ Ship-to-Ship	Naval anti-ship missiles launched from warships/submarines.
➤ Ship-to-Air	Naval surface-to-air missiles for fleet air defence.

**MENTOR**

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