



# THE HINDU ANALYSIS

**7th March 2024**

by saurabh  
pandey



**THE HINDU**



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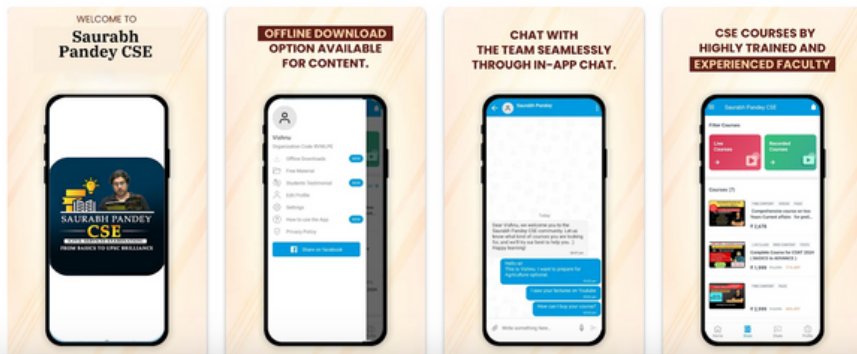
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# INS JATAYU

- The Indian Navy commissioned INS Jatayu at Minicoy island, its second base in Lakshadweep after INS Dweep prakshak in Kavaratti.
- Later, the Navy commissioned its first MH-60R multi-role helicopter squadron INAS 334 'Seahawks' at Kochi, a major capability boost for its rotary Fleet and its anti-submarine warfare capabilities.
- INS Jatayu is the beginning of a phased expansion plan to strengthen India's surveillance and security posture in the strategically located islands close to the Nine Degree channel and critical sea lanes of communication.

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- “This is very close to the Nine Degree channel, so this is the region [in] which lot of the maritime traffic flows both into and out of the Arabian Sea



**8 Degree Channel** ( 8 degrees north latitude) separates islands of Minicoy and Maldives. **9 Degree Channel** ( 9 degrees north latitude) separates the island of Minicoy from the main Lakshadweep archipelago.



# Rayleigh scattering and computing

- Computers denote data in bits – the famous 0s and 1s – using semiconductors.
- These are small physical devices that store these values and perform mathematical operations on them.
- The sum of all these operations is what allows the computer to compute.
- The world has powerful computers almost everywhere around us thanks to a technology called semiconductor lithography – the science of printing intricate circuits with extreme precision.
- There are machines that automate this process, at a cost of anywhere between ₹800 crore and ₹1,600 crore.

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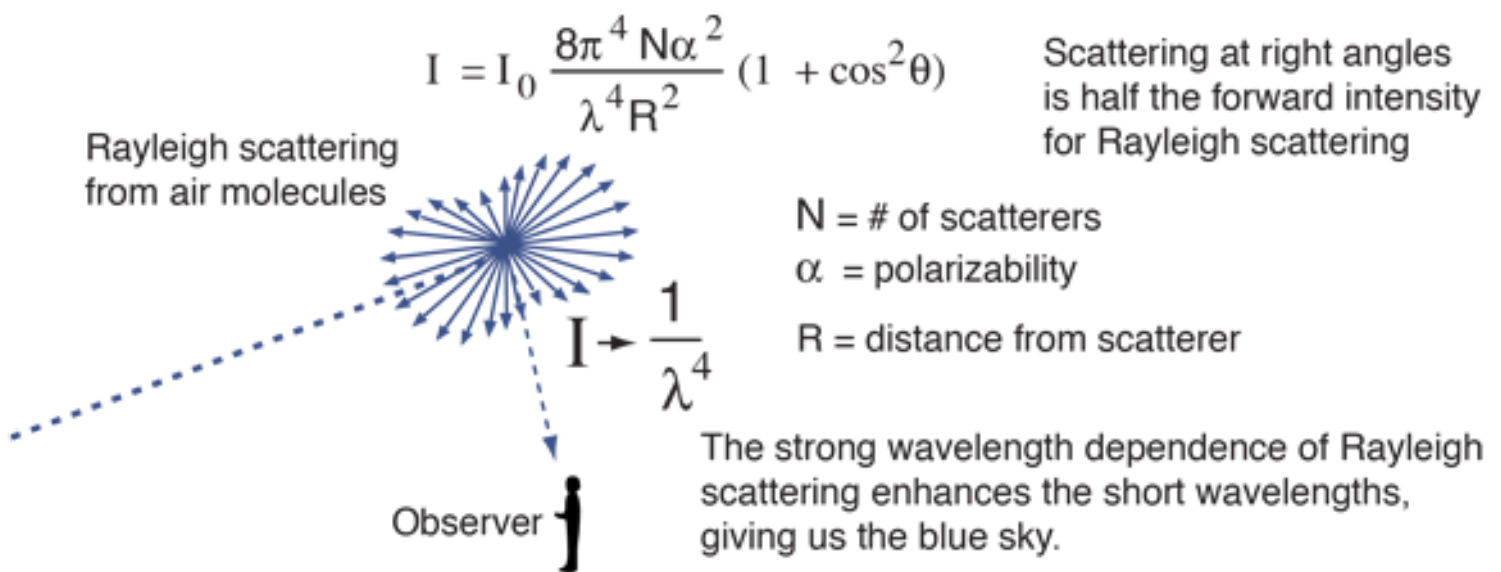


- **Only one company, ASML, headquartered in the Netherlands, makes them, giving it an absolute monopoly in a market worth \$125 billion and rendering it the technology company with the highest market value in Europe**

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**Rayleigh scattering refers to the scattering of light off of the molecules of the air, and can be extended to scattering from particles up to about a tenth of the wavelength of the light. It is Rayleigh scattering off the molecules of the air which gives us the blue sky.**





# Rayleigh scattering criterion

- The smallest feature size that can be moulded on the silicon wafer is governed by a physics principle called the Rayleigh scattering criterion.
- According to this criterion, the size of the feature to be projected on the wafer is proportional to the wavelength of light used and inversely proportional to the aperture of the lens that collects light before projecting it onto the wafer.

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# **2023 El Niño is among the strongest on record:**

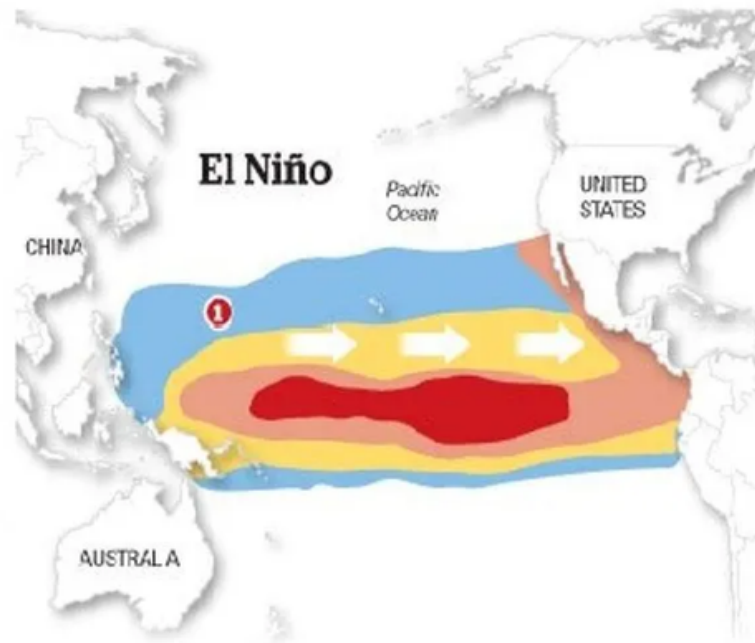
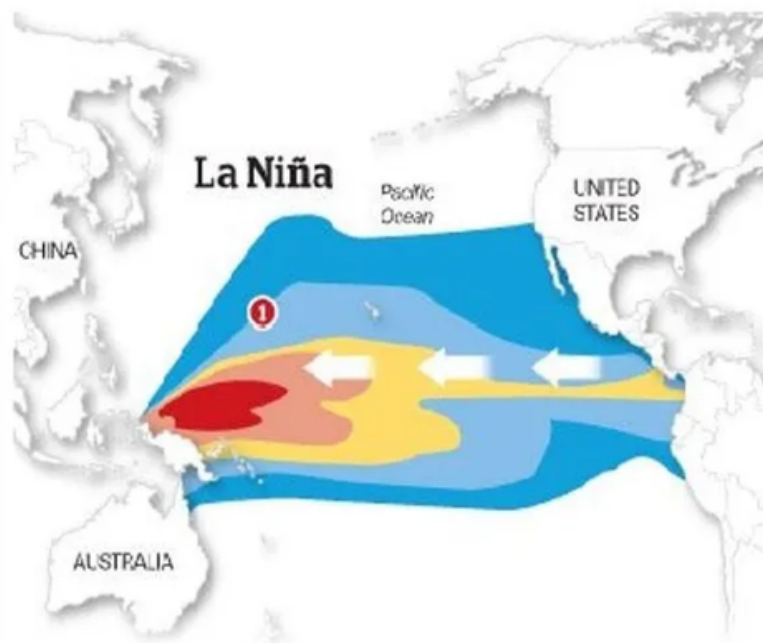
- **The 2023-2024 El Niño has peaked as one of the five strongest on record and will continue to affect climate in the coming months despite a weakening trend, the World Meteorological Organisation (WMO) .**

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- Scientists closely tracking the development in India have said La Niña conditions setting in by June-August could mean monsoon rains will be better this year than they were in 2023
- El Niño is the periodic warming of the
- ocean surface in the central and eastern tropical Pacific Ocean.
- It occurs every two to seven years on average and typically lasts nine to 12 months at a time.
- It is associated with more rainfall in the Horn of Africa and the southern U.S. and dry and warm conditions in Southeast Asia, Australia, and southern Africa.

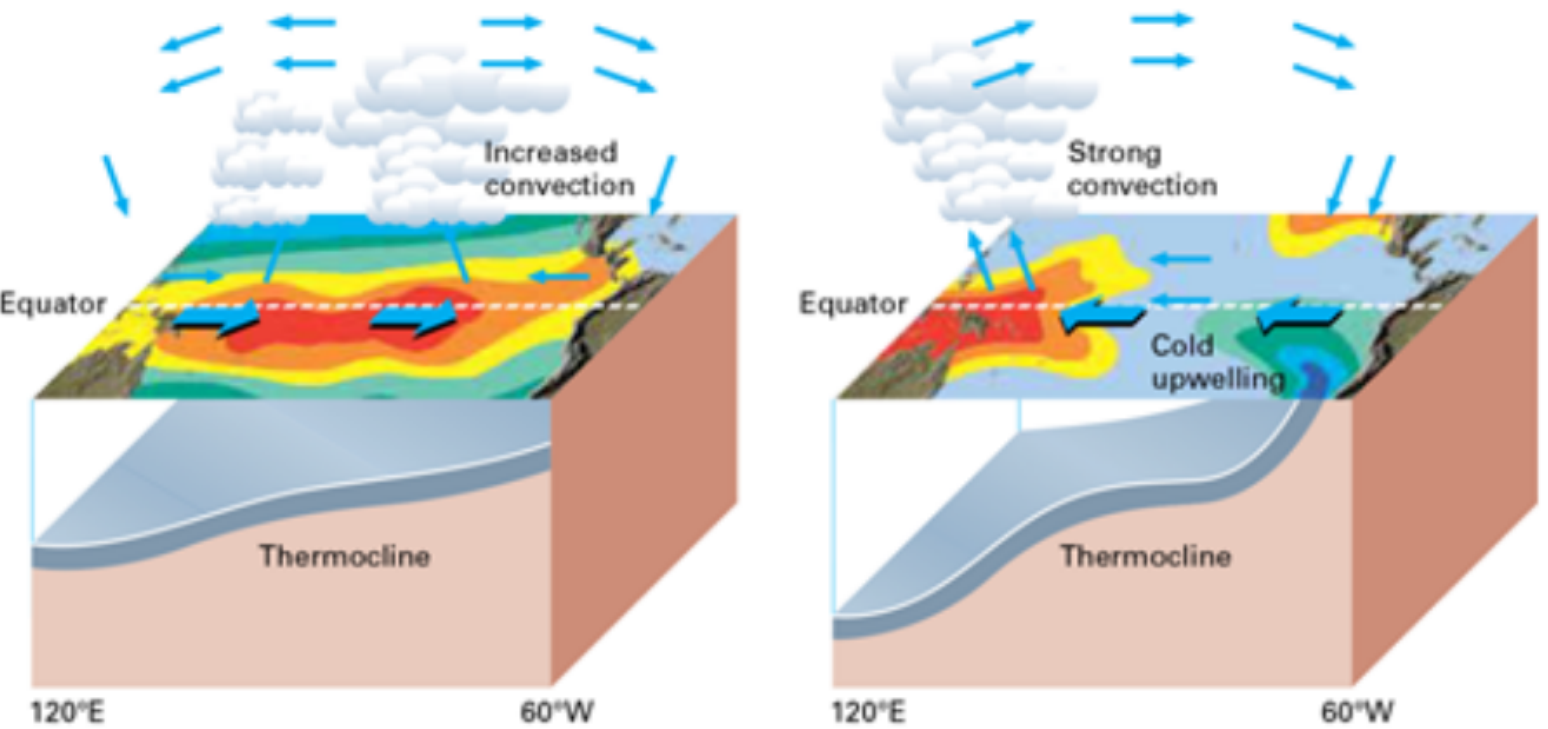
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# EL Nino vs La Nina

## El Niño/La Niña Background



El Niño

La Niña

Typical circulation pattern EL Nino and La Nina

# SC ON MP's BRIBERY CHARGES

## THE TIMELINE

■ **April 17, 1998:** A five-judge Constitution Bench held in the Narasimha Rao vs CBI case that lawmakers have immunity against criminal prosecution for any speech made and the vote cast inside the House under Articles 105(2) and 194(2) of the Constitution

■ **February 17, 2014:** Jharkhand HC refuses to quash criminal case against JMM leader Sita Soren for allegedly taking bribe in Rajya Sabha polls in 2012

■ **September 23, 2014:** A two-judge SC Bench places before a larger Bench the plea of JMM leader Sita Soren

■ **March 7, 2019:** A three-judge Bench refers the issue related to immunity of lawmakers to a larger Bench

■ **September 20, 2023:** A five-judge Bench refers the issue and reconsideration of the 1998 verdict to a Bench of seven judges

■ **October 5, 2023:** The seven-judge Bench reserves judgment

■ **March 4, 2024:** Observing that bribery is not protected by parliamentary privileges, the seven-judge Bench overturns five-judge Bench's interpretation in the 1998 verdict in the JMM bribery case

“ Privileges and immunities are not gateways (for MPs/ MLAs) to claim exemptions from the general law of the land... To claim an exemption... would be to betray the trust which is impressed on the character of elected representatives as the makers and enactors of the law. The purpose of bestowing privileges and immunities... is to enable them to perform their functions without hindrance, fear or favour...

[Withdrawal of prosecution against the MLAs]... would amount to an interference with the normal course of justice for illegitimate reasons. Such an action is clearly extraneous to the vindication of the law to which all organs of the executive are bound

It was not the intention of the drafters of the Constitution to extend the interpretation of 'freedom of speech' to include criminal acts by placing them under a veil of protest... We miss the wood for the trees if we focus on rights without the corresponding duties cast upon elected public representatives

—Supreme Court





- In a significant ruling, the Supreme Court overturned the 1998 PV Narasimha Rao judgement, denying MPs and MLAs immunity for bribery charges related to legislative activities.
- A seven-judge bench, led by Chief Justice DY Chandrachud, set aside the earlier ruling, holding that parliamentary privilege doesn't shield lawmakers from criminal prosecution for accepting bribes.
- The 1998 verdict, allowing immunity under Articles 105(2) and 194(2), was challenged in an appeal by Jharkhand Mukti Morcha leader Sita Soren.

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# What are the parliamentary privileges?

- ● **Definition: Special rights, immunities, and exemptions for Parliament, committees, and members, defined in Article 105 of the Indian Constitution.**
- ● **Exemption: MPs exempt from civil liability (not criminal) for statements or acts during duties.**
- ● **Membership Requirement: Privileges applicable only to current members; end with membership termination**
- 

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## About Article 105(2):

- Article 105(2): Protects MPs from legal proceedings for their speech or votes in Parliament or its committees.
- Aims to enable MPs to discharge their duties without fear of legal repercussions.

## About Article 194(2):

- Article 194(2): Offers similar protection to members of state legislatures for their actions within the legislature.
- Ensures freedom of expression and voting without threat of judicial intervention
- 

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# The Italian top court's ruling on sea migrants from Libya

- On July 30, 2018, the ship Asso 28, picked up 101 migrants from a dinghy and returned them to the Libyan coastguard at the Tripoli port.
- A lower Italian court prosecuted the ship's captain in 2021, finding him guilty of violating international humanitarian and refugee laws. □
- The expanse of the Mediterranean Sea between Libya and Italy is among the most dangerous albeit oft-used passage for migrants from sub-Saharan Africa fleeing ethnic conflict, war and famine. □

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- A UN Human Rights Council fact-finding mission last year said there were “reasonable grounds to believe that crimes against humanity have been committed against Libyans and migrants throughout Libya”

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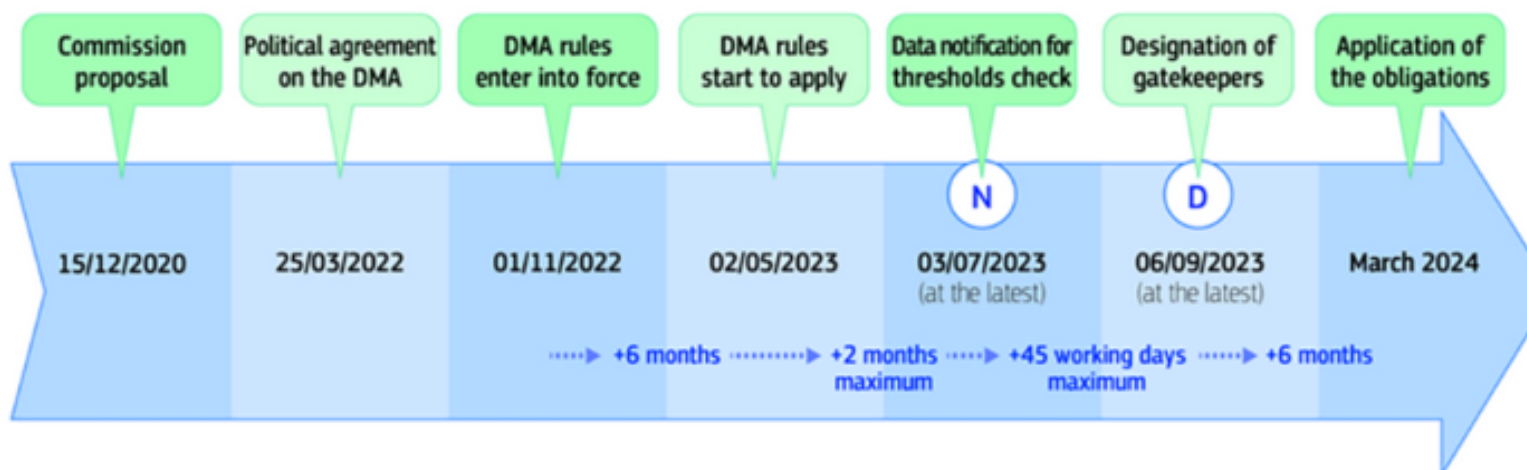
- Under Article 98 of the United Nations Convention on the Law of the Sea, every shipmaster is required “to render assistance to any person found at sea in danger of being lost.” International maritime law also requires coastal states to conduct search and rescue services, and if needed, coordinate with other nations during these operations. Still, countries like Italy and Malta have delayed ships’ arrivals or ignored requests for disembarking altogether.
- More than 24,000 people were intercepted and forced to go back to Libya in 2022, according to HRW

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# EU DIGITAL MARKET ACT

## Timeline for Digital Markets Act



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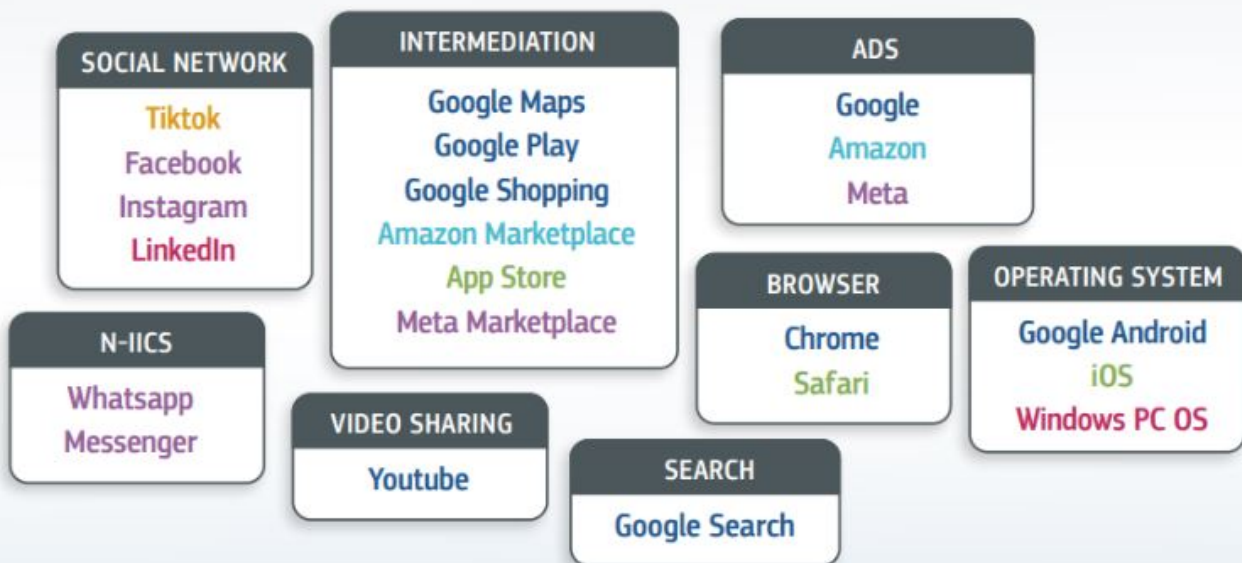


# Gatekeeper Designations

Gatekeeper

Core Platform Service

- Alphabet
- Amazon
- Apple
- ByteDance
- Meta
- Microsoft



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### Digital Services Act (DSA)

- ▶ Applies to all digital intermediary services (automatically applicable by law)
- ▶ Objective: Increase safety and trust of users
  - Rules to deal with illegal content posted by users
  - Due diligence obligations for providers of digital services to minimize the societal risks
- ▶ Applicable from 17 February 2024 (at the latest)
- ▶ Fines of up to 6 % of worldwide annual turnover

### Digital Markets Act (DMA)

- ▶ Applies to platforms with gatekeeper function (applicable after designation by the European Commission)
- ▶ Objective: Strengthen competition in digital markets
  - Obligations and prohibitions for large platforms that can decide on market access
  - Obligation to open the platform to third parties
- ▶ Applicable from 2 May 2023
- ▶ Fines of up to 20 % of worldwide annual turnover

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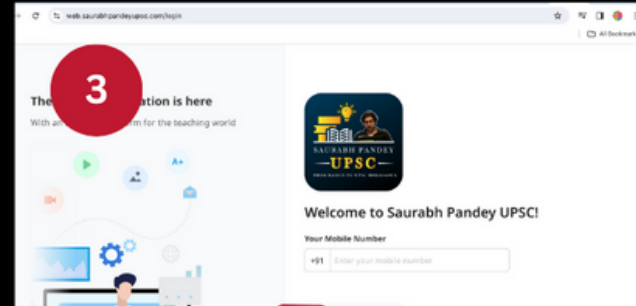
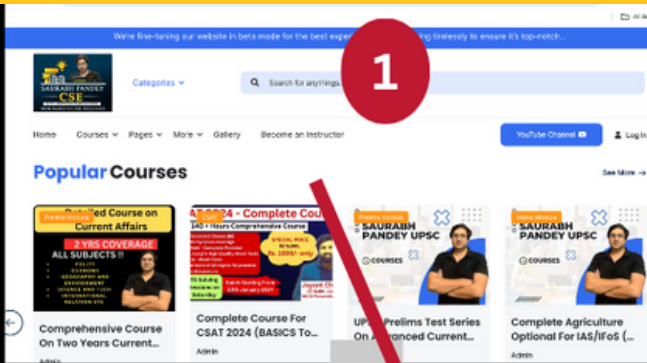
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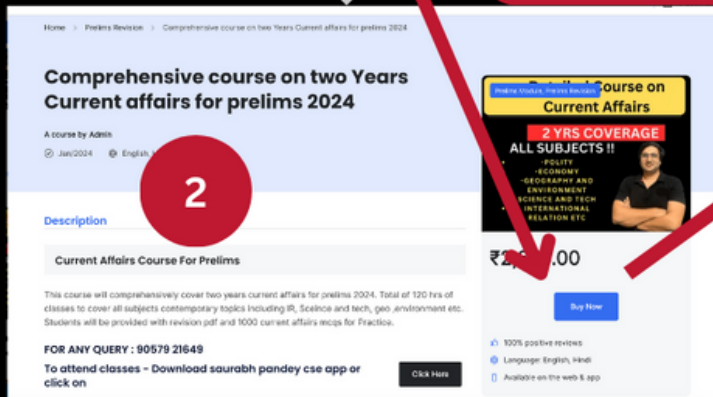
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