

Current News 2025-26

Grade - 8

What is the Operation Sindoor?

AI Overview

Operation Sindoor was a tri-service Indian military operation launched in May 2025 to dismantle terrorist infrastructure in Pakistan-occupied Kashmir and Pakistan in response to a barbaric terror attack in Pahalgam that killed 26 people in April 2025. The operation was a strategic, calibrated, and non-escalatory response, focusing on precision strikes against terrorist bases and infrastructure rather than military targets. It marked a shift towards a doctrine of decisive deterrence and showcased India's technological self-reliance with the use of indigenous hi-tech systems. 

Purpose of the Operation

- **Dismantle Terror Infrastructure:** The primary goal was to destroy terror bases and infrastructure from where cross-border attacks against India were planned and directed. [🔗](#)
- **Punish Perpetrators:** To hold accountable those responsible for the barbaric April 2025 Pahalgam terrorist attack, according to a Ministry of External Affairs statement. [🔗](#)
- **Deter Future Attacks:** To send a clear message that cross-border terrorism would be met with a firm, decisive, and strategically sound response. [🔗](#)
- **Uphold National Security:** To protect India's unity and stability from internal and external threats, [says a PIB release.](#) [🔗](#)

Key Aspects of Operation Sindoor

- **Precision Strikes:** The operation involved precise, surgical strikes on nine identified terrorist sites across the border, [according to DD News.](#) [🔗](#)
- **Technological Prowess:** The operation highlighted India's technological self-reliance in military operations, with successful integration of indigenous hi-tech systems like BrahMos missiles, drones, and AI-based systems, [according to News On AIR.](#) [🔗](#)

- **Strategic Restraint:** While assertive, the operation was also characterized by considerable restraint, with a deliberate selection of targets and methods to avoid escalation and avoid attacking Pakistani military facilities. 
- **Shift in Doctrine:** Operation Sindoor represents a significant evolution in India's national security doctrine, moving from reactive restraint to strong deterrence by punishment, [states the Carnegie Endowment for International Peace](#). 
- **Tri-Service Involvement:** The Indian Army, Air Force, and Navy all participated in the operation, underscoring a unified and integrated military effort, [according to the PIB](#). 

Pollution severely impacts human health by causing **respiratory diseases, cardiovascular issues, strokes, and cancers**. It harms ecosystems, accelerating climate change through greenhouse gas emissions, damaging biodiversity, and creating hazardous conditions such as acid rain. Pollution also leads to economic losses and a degraded quality of life by contaminating water and soil, making food unsafe and affecting crops. 



Effects on Human Health

- **Respiratory and Cardiovascular Diseases:**

Air pollution is a major cause of asthma, chronic obstructive pulmonary disease (COPD), heart disease, and strokes. 

- **Cancer:** Long-term exposure to air pollution increases the risk of developing and dying from lung cancer.

- **Neurological and Cognitive Issues:**

Pollution can lead to impaired cognitive function, increasing the risk of dementia and other neurological disorders. 

- **Other Health Problems:** Effects also include reproductive issues, immune system disorders, diabetes, and increased vulnerability to infections.

- **Vulnerable Populations:** Children, the elderly, and pregnant women are particularly susceptible to air pollution's harmful health effects.

Effects on the Environment

- **Climate Change:** The emission of greenhouse gases from pollutants contributes to global warming, melting glaciers, and rising sea levels. 
- **Acid Rain:** Pollutants like sulfur and nitrogen oxides mix with water droplets to form acid rain, which damages plant and animal life. 
- **Ozone Layer Depletion:** The release of chlorofluorocarbons (CFCs) damages the ozone layer, allowing harmful ultraviolet rays to reach Earth. 
- **Harm to Ecosystems:** Pollutants disrupt natural habitats and harm wildlife, negatively impacting biodiversity. 

Economic and Social Consequences

- **Degraded Quality of Life:** Pollution creates harmful living conditions, making communities less livable. 
- **Economic Costs:** Pollution can hinder sustainable economic growth, increase healthcare costs, and reduce agricultural productivity. 
- **Poverty and Inequality:** Pollution disproportionately affects vulnerable communities, exacerbating poverty and inequality. 

Zubeen Garg

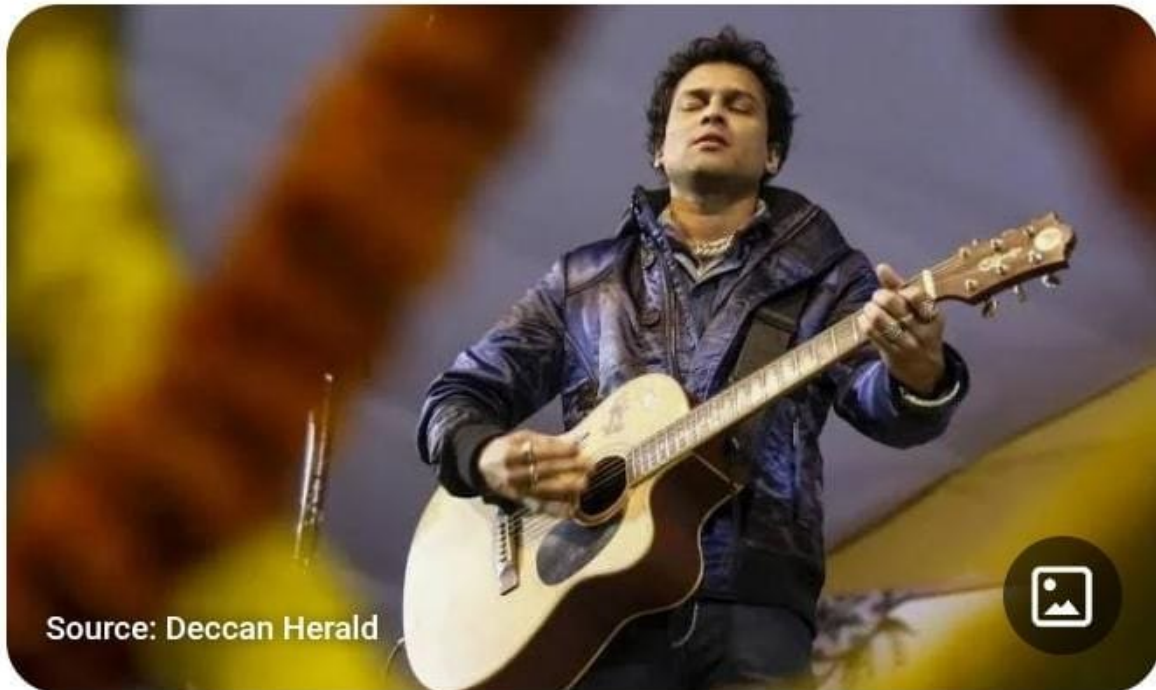
Indian singer and composer

Overview

Songs

Movies

Albums



Born

18 Nov 1972

Tura

Died

19 Sept 2025

Singapore



Overview



Zubeen Garg was an Indian musician, singer, composer, songwriter, instrumentalist, actor, director, filmmaker, poet and philanthropist who primarily worked and sang in the Assamese, Bengali, and Hindi-language films and music industries. [Wikipedia](#) >

ChatGPT is an advanced AI chatbot developed by OpenAI that uses a Generative Pre-trained Transformer (GPT) large language model to generate human-like text in response to user prompts. It understands and processes natural language, allowing it to answer questions, create content, write code, and even engage in conversations on a wide range of topics. The technology has become extremely popular for its ability to assist with various tasks and for accelerating the public interest in artificial intelligence. [🔗](#)



This video explains what ChatGPT is and how it can be used for various tasks:

Social media topics cover everything from personal sharing, connecting with others, and building communities to the psychological impacts of these platforms, their evolution of communication, and their role in education, business, and current affairs. Topics can range from discussing one's favorite tools and sharing personal updates to analyzing the benefits and drawbacks of social media or exploring the psychology of online behavior. [🔗](#)

Examples of Social Media Topics:

- **Personal & Lifestyle:** Sharing personal experiences, "bragging rights," or discussing favorite hobbies and tools. 
- **Community & Connection:** Building online communities around shared interests, connecting with friends and family, or fostering a sense of belonging. 
- **Education & Information:** Using social media for online classes, sharing knowledge, and accessing news and current affairs. 
- **Psychology & Health:** Exploring the psychological impacts of social media, such as addiction, social comparison, cyberbullying, and effects on mental

How to Find a Specific Topic:

- **Consider your interests:** What do you enjoy talking about or learning about? 
- **Think about your audience:** What would be relevant and engaging to your followers? 
- **Brainstorm categories:** Use broad categories like health, technology, or entertainment and then narrow them down. 
- **Look for inspiration:** Browse trending topics on various platforms or look at discussions from other users. 



Nano Banana AI makes your words
come alive

Who is nominated for the Nobel Prize in 2025?

The official list of all Nobel Prize nominees is kept confidential for 50 years, but the Peace Research Institute Oslo (PRIO) has released a list of strong candidates for the 2025 Nobel Peace Prize, including **Sheikh Mohammed of Qatar, the OSCE's Office for Democratic Institutions and Human Rights, and The Carter Center.**

Reports have also circulated about other individuals being nominated, such as Elon Musk and Donald Trump, though these are not part of the official, confidential list. [🔗](#)

2025's skies will feature a range of exciting sights, from partial solar and total lunar eclipses to illuminated planets, meteor showers, supermoons and more. Explore the year's space and astronomy highlights with astronomers from the [Royal Observatory Greenwich](#).

For more in-depth guides to each month's highlights throughout 2025, bookmark the [monthly astronomy highlights blog](#) or get yourself a copy of the [2025 guide to the night sky](#).

In 2025 the Royal Observatory will celebrate its 350th anniversary. [Join us on-site and online for a series of events](#), including astronomy live streams, stargazing demos, author talks and family activities.

Written by Jake Foster and Imo Bell.

September 2025 features [a Total Lunar Eclipse \(Blood Moon\) on the 7th–8th](#), [a Partial Solar Eclipse on the 21st](#), and [the Autumnal Equinox on the 22nd](#). Saturn reaches opposition and appears brightest on the 21st, while the New Moon on the 21st provides excellent conditions for stargazing. You can also look for the Aurigid Meteor Shower peak on the 1st and Neptune at Opposition on the 23rd. [🔗](#)

Key Astronomical Events

- **September 1:** The Aurigid Meteor Shower reaches its peak, offering a chance to see meteors. [🔗](#)
- **September 7–8:** A Total Lunar Eclipse will occur, visible from Asia, Australia, and parts of Africa, giving the Moon a deep red color, [according to the Times of India](#). [🔗](#)
- **September 8:** The Moon aligns with the planets Saturn and Neptune. [🔗](#)
- **September 16:** The Moon will be in close proximity to Jupiter. [🔗](#)
- **September 19:** Venus will appear to pass in front of the Moon in an event called an [occultation](#). [🔗](#)

This curated list features prominent AI and coding events in late 2025 and 2026, including global and regional conferences, summits, and hackathons. Events cover a wide range of topics, from cutting-edge research and generative AI to practical business applications and ethical considerations. [🔗](#)

Conferences

International and major AI conferences

- **World Summit AI**
 - **When:** October 8–9, 2025
 - **Where:** Amsterdam, Netherlands
 - **About:** A leading global AI event that brings together the entire ecosystem, including large enterprises, tech giants, startups, investors, academics, and researchers. The agenda focuses on the strategic development of AI, its applications, risks, and benefits.

- **European Conference on Artificial Intelligence (ECAI)**
 - **When:** October 25–30, 2025
 - **Where:** Bologna, Italy
 - **About:** The longest-running AI conference in Europe, providing a platform for researchers and practitioners to discuss AI innovations and research.
- **International Conference on Artificial Intelligence (ICOAI)**
 - **When:** October 27–29, 2025
 - **Where:** Paris, France
 - **About:** Brings together academia and industry to exchange experiences and advance AI technologies across many fields, including manufacturing, robotics, and healthcare.
- **AI for Good Global Summit**
 - **When:** July 8–11, 2025
 - **Where:** Hybrid event, Geneva, Switzerland