

AI: A Boon or a Threat?

In recent years, Artificial Intelligence (AI) has become one of the most transformative technologies, revolutionizing industries and reshaping societies across the globe.

Iron lady Indira Gandhi, Symbol of development and champion of foreign policy, creator of Bangladesh

RASHID AZAM INQLABI



Smt. Indira Gandhi on many occasions described herself as Beti of Kashmir, she has great love for Autumn season of Kashmir, she spent at least two or three days in Harwan Kashmir in the month of November- December every year; when the leaf of Chinar turn golden.



imprisoned in September 1942, and worked in riot-affected areas of Delhi in 1947 under Gandhi's guidance.

She got married to Feroz Gandhi on March 26, 1942 and had two sons. Namely Sanjay Gandhi and Rajiv Gandhi. Smt Gandhi is grandmother of veteran Congress leader Rahul Gandhi.

POLITICAL CAREER Smt. Gandhi became a Member, of Congress Working Committee and Central Election of the party in 1955. In 1958 she was appointed as a Member for Central Parliamentary Board of Congress.

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Sabha during fourth, fifth and sixth sessions. She was elected to the Seventh Lok Sabha from Rae Bareilly (U.P.) and Medak (Andhra Pradesh) in January 1980.

Smt. Indira Gandhi was associated with a large number of organisations and institutions, like Kamala Nehru Memorial Hospital, Gandhi Smarak Nidhi and Kasturba Gandhi Memorial Trust.

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She had many achievements to her credit. She was the recipient of Bharat Ratna in 1972, Mexican Academy Award for Liberation of Bangladesh (1972), 2nd Annual Medal, FAO (1973) and Sahitya Vachaspati (Hindi) by Nagari Pracharini Sabha in 1976.

In early 1978 Gandhi and her supporters completed the split from the Congress Party by forming the Congress (I) Party-the 'I' signifying Indira. She was briefly imprisoned (October 1977 and December 1978).

When new elections for the Lok Sabha were held in January 1980, Congress (I) swept back into power in a landslide victory. Sanjay Gandhi, who had become her chief political adviser, also won a seat in the Lok Sabha.

One day Before the assassination On October 31, 1984, Smt. Indira Gandhi while addressing the huge Gathering said that her last drop of Blood is for the unity of India.

The best way to pay the homage to Smt. Indira Gandhi is to work for the unity and development of the rural India which include the down trodden people from all walk of life.

A Guide to Cyber Security Awareness for Students

UMESH SHARMA

Cyber Security awareness is critically important among students as they are frequent users of digital technologies, yet often lack the knowledge or experience to recognize the risks they face online.

Your decisions can make a significant difference in creating a safer online environment for yourself and your entire academic community. As students continue to immerse themselves in the digital world, cyber security awareness becomes an essential skill.

The Role of Schools and Universities Educational institutions have a significant role to play in promoting cyber security awareness. Many schools and universities have already begun to integrate cyber security lessons into their courses or offer workshops and seminars on the subject.

and parents must work together to ensure students are equipped with the necessary skills and knowledge to navigate the online world safely. This includes integrating cyber security education into school curriculums, conducting awareness campaigns, and providing students with practical tips for maintaining their online security.

Some tangible steps you can take as a student to boost your cyber security awareness and help create a safer digital environment:

- Stay Informed: Cyber security is dynamic, with new threats emerging regularly. Stay updated on the latest cyber threats and security practices by following reliable cyber security blogs, podcasts, or news outlets. -Use Secure Connections: Whenever possible, avoid using public Wi-Fi for activities that require you to enter personal or sensitive information.

- Even when someone gets hold of your password, they won't be able to access your account without the second factor - usually a code sent to your phone. -Strong Password Practices: Encourage students to use complex passwords and change them regularly. They should also avoid using the same password across multiple accounts. -Recognizing Phishing Attempts: Identify suspicious emails, messages, or websites that could be phishing attempts designed to steal sensitive information.

practical skills for staying safe online. Cyber security awareness among students is no longer a luxury but a necessity in today's increasingly digital world. As students engage with technology daily for educational, social, and personal purposes, their vulnerability to cyber threats grows.

Smog in Jammu and the Indo-Gangetic Plain

DR RAKESH VERMA

The pervasive smog blanketing the Indo-Gangetic Plain, including Jammu, is significantly influenced by agricultural practices, particularly stubble burning in Punjab and Haryana.

The smoke generated from these fires travels considerable distances, carried by prevailing winds to affect air quality across the region, including Jammu. The exact impact on Jammu's AQI requires further localized data analysis, but the prevailing wind patterns and geographical proximity indicate a significant contribution from Punjab and Haryana's agricultural practices.

allow the vertical mixing of pollutants and whatever we emit at the surface stays for around 200 metres within the boundary layer. The stronger the thermal inversion, the more pollutants will be trapped near the surface because there is no venting place for the pollutants to go up in the vertical direction.

The increased occurrence of fog in November also contributes to the smog problem. Jethva notes that the fog occurrence over the Indo-Gangetic Plain has increased in November; a shift from the usual December occurrence. This is attributed to an increase in particulate matter (PM), which acts as cloud condensation nuclei, favoring fog formation.

In the plains of Jammu, these meteorological conditions have a particularly strong impact. The geographical location and topography of the region might create localized pockets of stagnant air, enhancing the effects of thermal inversion. The plains' relatively flat terrain can lead to poor air circulation, hindering the dispersal of pollutants.

The severe smog engulfing the Indo-Gangetic Plain, including the plains of Jammu, poses significant threats to both human health and the environment. While precise AQI data for Jammu is currently unavailable, the widespread nature of the smog and its intensity in neighboring regions strongly suggest similarly hazardous conditions.

instances of asthma attacks, bronchitis, and other respiratory infections. The tiny particles in the smog penetrate deep into the lungs, causing inflammation and irritation. Children, the elderly, and individuals with pre-existing respiratory conditions are particularly vulnerable.

The environmental consequences of the smog are equally concerning. The dense haze significantly reduces visibility, impacting transportation, particularly air travel. The reduced sunlight penetration due to the smog affects plant growth, potentially leading to decreased crop yields and damage to vegetation.

Governmental Responses and Mitigation Strategies The severe smog crisis engulfing the Indo-Gangetic Plain necessitates a robust and multifaceted governmental response. While specific measures implemented in Jammu require further investigation, the actions taken by the Commission for Air Quality Management (CAQM) in the Delhi-NCR region offer valuable insights into potential strategies.

tainable practices. Promoting alternative agricultural practices that eliminate stubble burning is paramount. This could involve providing farmers with financial incentives to adopt no-till farming, promoting the use of machinery for in-situ management of crop residue, and developing robust mechanisms for collecting and processing agricultural waste.

Comparison with Other Regions: Jammu in a Broader Context The smog crisis impacting Jammu is part of a larger regional problem affecting the Indo-Gangetic Plain. While precise AQI data for Jammu is lacking, the severity mirrors that of other heavily affected areas like Delhi and Lahore.

Similarities exist across these regions. Stubble burning in Punjab and Haryana significantly contributes to the particulate matter; exacerbated by thermal inversion trapping pollutants near the ground. Industrial emissions and vehicular exhaust further compound the problem. The impacts are also strikingly similar: respiratory illnesses, eye irritation, reduced visibility, and broader environmental damage.