

GOVERNANCE: The Evolving Mandate

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“A functioning, robust democracy requires a healthy, educated, participatory followership, and an educated, morally grounded leadership.”

~ Chinua Achebe

The political global arena processes are at crossroads, facing a future full of unhinged ideas and troubles at the same time. The new day that's going to show up eventually is a mosaic of technological advancements, and scientific exploration, which shall also cause problems to climate change, hence that remains an unsaid part of the times to come. With every passing day, the growth of artificial intelligence is pacing up its speed; the pace is so strong that we the creators of Artificial Intelligence (abbreviated as AI) are forced to prove ourselves as “humans” in front of the AI software, before logging-in for its access.

The growth of AI, scientific appraisal, and drastic climate changes are going hand in hand. Now, it's up to our perspective whether we look up to them as a possible challenge or as a solidifying solution. These things, indeed, pose a threat to our daily routine but we can't deny that their availability is becoming a regular part of our life too! Facets of artificial intelligence, exploration of scientific arenas even in outer space, and the obvious climate change aren't separate challenges, rather they are intertwined dots that require a broad and adaptive approach to be accessed in the work of governance to reshape our world with more adaptable advancements. The transformative force of artificial intelligence, scientific exploration in outer space and climatic turmoil are the

key themes discussed in this article where we plot them in such a way that a new roadmap for adaptive governance seems visible for the newer generation!

The Unfolding Equation with AI

A foe disguised as a friend? Never say never. Undoubtedly, and undeniably, artificial intelligence has the potential to revolutionize our entire daily functioning. From ensuring transparency in public affairs to casting our views on some public policy in a political sense or streaming our stance on any not so particular thing, remains a vital key throne of AI's existence. The Internet is no longer the same as it used to be before the prevalence of artificial intelligence. However, stationing its use on ethical grounds is a must, or else avoiding data robbery and potential scams will become a mere dream. A national framework, enhancing cybersecurity set up for ethical use of AI, putting a halt to piracy, ensuring data privacy, and encouraging public transparency is what the government must do from their own end. The fantastic performance of NITI Aayog is a testimonial to what the digital era can do to the regime of governance. AI inclusive governance can only be done when digital literacy remains on target, through which the citizens can be trained on how to use modern-day digital tools, to remain aware of what policies the administration has framed for their growth and benefits. Targeting social welfare programs, that too being delivered in every local language possible through AI translation is another key aspect that enriches modern-day gover-

nance. Therefore, it must not be an exaggeration if we say AI has become the new electricity of the contemporary period.

Convergent Future - Earth and Beyond

When we talk about scientific advancement and that too in a political discussion, then “global collaboration” is a term that we don’t see visibly but its always written in between the lines. Exploration of outer space and its resemblance with ground zero’s governance may not sound sane to the readers at once, but when we look into it through a broad detailed lens, then shall the image becomes clearer. The very first thing of this sub-discussion is resource allocation or better to say, budgetary constraints.

To dive more into the world of space research and analytics, we must develop a national structure accountable for active participation in the international forum to mitigate our stance on the ethical and equitable utilization of resources. Implementation of strict rules and regulations to minimize the creation of space debris should be one of the key points of consultation. To discuss anything and everything that we just mentioned above, the state requires a strengthening of the framework for enhancing the mindset of its subjects towards such advanced topics. I remember, when I was just a toddler, even the thought of outer space, multiple galaxies, billions of stars, and numerous planets, and the possibility of aliens’ existence was a topic of huge fascination for me, as it is for every other kid. But the question we need to ask our-

selves is, where does that fascinating spark get switched off?

Expansion of educational programs endorsing space-related content at all levels will foster public engagement. Raising public awareness includes simple communication to have collaborative cooperation with the common people. Encouraging private sector participation in the space industry will foster innovation and growth. And we never know what is about to come next at our door, perhaps a billion new opportunities await our knock.

Echoes of Change - The Climatic Cry

The next big thing that surely never fascinated me when I was a kid, was the unending

cry of the climate. Every fourth chapter of the environmental studies or science book was about the same- “Climate Change; Global Warming; Save Earth, etc.”, but the unfortunate fact remains the



same that even after all of it, the holy rivers of Bharat, including Ganga and Yamuna are worshipped daily and yet, they are the ones that are polluted the most. As soon as I am growing not only in age but in emotive rationality, ever since then, I have been trying to look towards the pain of Mother Earth. The same crying urge to act against “Climate Change” has become an exclamation to my existence and to our worldly endurance! “Greenhouse gas emissions keep growing. Global temperatures keep rising. And our planet is fast approaching tipping points that will make climate chaos irreversible. We are on a highway to climate hell with our foot on

on a highway to climate hell with our foot on the accelerator”; says the Secretary-General of the United Nations, António Guterres.

The climate crisis is not only about the environmental transition into a bad sphere, but it's also about the notion of human security, the idea of emotive security, and the ultimatum of national and international security of Mother Earth. India is defenseless against the threat and circumstances that the ecological imbalance presents to it, inclusive of extreme weather conditions ranging from 53°C being registered as the hottest temperature in India on May 29, 2024, in the area of New Delhi, to the rise of sea level in some zones and the issue of water scarcity at the same time in the other half of the states. India aims to work forward on the route of sustainable development and that is the only ideal concept that can ensure effective climate governance for building resilience, providing equitable growth, and ensuring the long-term well-being of all. Investing time, mind, and capital in strengthening the disaster management system, and working on creating disaster relief infrastructure is the utmost urge of the present time, to minimize the troublesome situations during adverse weather conditions.

Promoting town planning through the construction of climate-resilient cities with efficient public transportation, and a sustainable water management system is a must for any growing country, especially when it has a geographical tapestry like India. Implementation of water conservation policies, targeting rainwater harvesting, efficient irrigation, and wastewater treatment needs to be prioritized.

Situations during adverse weather conditions. Promoting town planning through the construction of climate-resilient cities with efficient public transportation, and a sustainable water management system is a must for any growing country, especially when it has a geographical tapestry like India. Implementation of water conservation policies, targeting rainwater harvesting, ef-

ficient irrigation, and wastewater treatment needs to be prioritized. Well, the richer ones can still be at some lease, but the vulnerable section of the society becomes the ultimate victim of the climate crisis. The fragile communities, including farmers, coastal populations, and marginalized groups become the unleashed targets of the environmental turmoil. To sort this issue out, the government must target providing financial assistance to the weaker sections who are vulnerable to climatic calamity. Integrating climate change considerations into the fundamental structure of government policymaking can enhance the present situation and may even turn it into something good. However, all of these abstracts can not be successful if global cooperation is not indulged in its implementation. Advocacy for an ambitious global climate situation is crucial for all the democracies of the world. International partnerships to work in favour of the environment, protecting its true identity, and safeguarding the principles of SDGs in a real sense can make our Earth look a lot different.

Conclusion

By embracing this basic roadmap, Bharat, the Vishwaguru can once again lead the global arena for transforming these possible challenges of AI, Space Exploration, and Climate Change into a set of great opportunities that aim to strike new doors of development, ensuring a prosperous and sustainable future for the whole of Earth. Henceforth, we must say, this is not merely about adapting to change; it's about proactively shaping the future!