SCIENTIFIC PURSUIT

without borders | Mandeep Singh

PURSUIT

As kids, we read science textbooks mentioning all the scientists, inventors or discoverer who *belong to one entity: human species*. They might belong to one nation, follow one type of ethnicity, but in the end are being *remembered only for their knowledge and scientific work*.

Need of cross-borders?

I've raised essential questions on the need of cross-borders and pertinent desire of each nation to withhold & put man-made barriers in the permeable flow of science and technology at its pure form.

Wisdom

Remembering the sole *purpose of pursuing scientific endeavour*: to benefit our human civilisation to advance our quality of living as well as that of all other species present in the world. Also, put forth a hard stance on the mindless ignorance of humans to deplete or destroy resources or living species which is in itself a miracle to sustain & live on Earth.



IN THE PURSUIT of Science & Tech innovation,

what are the factors that come in our mind? There are different types of scientific enquiry, be it a theoretical or empirical evidence driven. However, as far as our science textbooks from our school days is concerned, there is no description of national boundaries. You can take any topic from biology or physics, such as dual nature of light. Christen Huygen, founder of wave nature of light, is a Dutch physicist and British Physicist, Thomas Young made famous double-slit experiment to showcase interference of light waves; whereas Albert Einstein, who proposed the particle-wave duality of light, was a German scientist. Each discovery or invention, being done at different demography & time, aided in catalysing the pursuit of newer or improvisation of the those scientific theories or evidences.



Why do we need the cross-borders?

Is there any difference in the nature or composition of solar energy or sunlight falling on one city or nation from that of another? Is there a filter that is added on sun which personalise or discriminate its energy based on some man-made criteria? Aren't trigonometric equations and identities or any mathematical theory universally same, whoever is using it in his/her calculations? So, who are we to put borders on the pursuit of scientific discovery and knowledge? Think of a scenario: if Isaac Newton thought to not share his knowledge to the world, just to English people. Would we have the engineering and technological advancement just like our current days? I believe you would have reconsidered your personal or national positioning after reading it so far. These are the questions worth asking at the forums and cross-border diplomatic meetings or seminars.

Remembering the age old wisdom & pursuing it...

The main goal of the pursuit of scientific discovery or invention is the betterment of our society, environment and human civilisation, which is only sharing the ecosystem with rest of the living species. We (homo sapiens) are not the owner of the universe, nor are we the only species in the universe to advance our standard of living. Earth is the ecosystem of billions of species, some have one type of quality and others have different sets of qualities or abilities. So, we must remember to not be an ignorant or spoilt brat who is just having fun of his/her lifetime, doing whatever s/he seems to like, taking whatever s/he desires or destroying anything, anyone, any nation or any species. There is cumulative generational wisdom and knowledge at our disposal. It might be the case that one type of that source is present at one demographical location and other type of resources might be available at another. And remember that there are living beings who are living at these places & at different time duration. So, we must promote or pursue those ideas which has a balanced impact on our ecosystem, especially in the science and technology domain.

Signing off,
Mandeep Singh

(A PROMOTER OF UNITED NATION SUSTAINABLE DEVELOPMENT GOALS)

