aftermaths on adaptation and resilience become bedrocks for viewing climate change afresh.

Furthermore, the litterateur Amitav Ghosh's recent treatise on 'A Great Derangement: Climate Change and the Unthinkable' serves as an ally to perceptions of climate change. Such enterprises provide literary textures of scientific hues around 'climate change'. Indeed, that goes a long way for internalizing what is coming up as an inclusivity on climate changes in apposite realms.

One may thus well conclude, at least now, that the climate has potentially a core that keeps on surfacing and evolving. A climate ticker based on historicity may well unfold with attractive and repelling modes. Cultural schisms are very much in vogue, because of dialogues in meets on climate. Finally, it is the canopy of science, education and culture that will definitely provide the continuing literate dimensions of climate change. Can we afford to think of achanging features of climate, rather than being stuck up with climate change, as is often being coerced by some vested groups? The much-talked about Paris agreement, somehow or the other, triggers off vocabularies on climate change, having diplomatic stints. In sum, literacy on climate can't stay away from evolutionary traits.

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Solid Pollutants in Atmosphere

Our atmosphere is like an insulating blanket protecting us extending almost hundred kilometers above earth's surface. Its components are gaseous and cosmic rays. It did not have solid components. The atmosphere is divided into different layers whose natures and characteristics are different depending upon the height.

As science and technology is expanding solid objects are infiltrating into this so-called gaseous space without coming down to the earth due to earth's gravitation. In nature every action has its reaction, every object has its merits and demerits, these objects also possess both virtues. These solid objects are nothing but satellites projected by different

countries and agencies for different purposes at different times. We shall now try to know about this phenomenon.

Mercury, Venus, Earth, Mars, Jupiter, Saturn etc are revolving round our star Sun at different orbits in different distances, these are planets. Moon is earth's satellite. A manmade object or vehicle intended to move round the earth is earth's satellite while moon is God gifted earth's satellite. God within man is making new satellites of earth. According to physical law if we tie an object with a thread and rotate it holding the thread by hand the object will rotate in a circular path around the hand as an axis until the force acting in a direction away from axis of rotation (here the

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hand) that is centrifugal force is equal to the force acting in a direction towards the axis of rotation (here the hand) that is centripetal force. We know that earth attracts all objects towards its centre which is known as gravitational force. The amount of attraction decreases with height from the centre of the earth which varies quantitavely in a way inversely proportional to the square of the distance from the centre of earth. If we through an object upwards it returns to earth after reaching a certain height which depends upon the force with which it is thrown. If so happens that if the object is thrown with an adequate force the object does not return to the earth or move away from the earth but is made to revolve round the earth in a particular orbit. In this condition the centripetal force on the object is equal to the centrifugal reaction. Satellites revolve according to this principle.

Launching of satellites is based for different purposes. Most important purpose is communication among different countries of earth as if it has brought the whole earth in everyman's house. This is most beneficial to humanity. These satellites propagate telephone, telegraphs, programmes of television among all countries. The electricity required for this action cannot be provided by batteries based on chemical reaction as with time the battery's action diminishes and ends, this cannot be recharged. This action is accomplished by solar cells. Another beneficial is when satellites are used for weather forecasting which is highly serviceable to agriculture the main source of sustenance of life. It also forecasts natural calamities so that nations may take programmes to encounter such incidents. Some satellites enrich human knowledge from scientific research done by them. Some satellites are used to have information about the situation over an

area or country which is beneficial for travel or disgraceful if the purpose is doing harm to that area or country where the military base is situated, industry, oil production, weapon production etc are located. This is done in this frivolous world where universal brotherhood attitude is being crushed, nations or races are vying to destroy opponent. There are so many satellites launched for diversified purposes which have merits and demerits.

From a meticulous scrutiny of satellites union of concerned scientists based in Cambridge at Massachusetts of USA has published a report on 31st January 2015 that almost one thousand five hundred such satellites are revolving round the earth. USA's contribution is highest. It has sent 513, china 131, Russia 127, Association of some countries 63, Japan 54, England 35, India 29, Canada 27, Germany 23, European Space Agency 21, Luxemburg 18, Spain 15, Italy 12, Israel 11, Saudi Arabia 11, France 10, Netherlands 10, other countries excluding European Space Agency or Association of some developed countries collectively 155. These satellites are polluting our atmosphere proving whether science and technology is curse or boon to us.

These satellites are encroaching on the activities of others among themselves. Such a day is not far from now when world war will happen for a space in the atmosphere for satellites.

Only *Basudeva Kutumbakam* opinion of Indian doctrine may save the world from its peril. Let us hope so.

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