

# **We Are All Humans (WAAH)**

## Mission Statement

The philosophical aspect of WAAH that has led to its Mission Statement:

WAAH has concluded that India (or for that matter any Eastern Country) has to bring about more scientific outlook, and to contribute more resources - human and financial resources, and professional dedication to pure scientific inquiry and Applied Science if it desires to bring its prosperity on par with the West.

Why?

We need to have a brief historical economic survey of the world for this. The Indian region was far better than the Europe until 16th century. In all respects, science, politics, economics, agriculture, medicines and so on, the East and India in particular were quite advanced. The Europe remained in a dark age for almost 2000 years. Whatever Aristotle, Plato, Euclid and other Greeks said and thought was hardly questioned. The sun and the universe were the Earth centered. No one dared to question their statements.

But people like Copernicus and Galileo observed their predecessors' statements and tested them. Newton came on the scene to discover some further enlightenment. His laws of motion and gravitational force brought about a scientific revolution. A period of 18th and 19th centuries, termed Renaissance happened to be full of scientific inventions and discoveries. In its wake, Industrial Revolution brought a lot of economic benefits to the Europe. It was said that God created the universe and Newton its enlightenment - (Alexander Pope).

But a trend of scientific inquiry - asking questions, observing the Nature, testing observations further, interacting with other scientists - continued. The 20th century saw scientists challenging the previous scientific truths. Newton was challenged. Albert Einstein shook the scientific world by his theory of special relativity and theory of general relativity. He brought about a new vision of cosmology! Rutherford found the inner world of smallest building block - an atom. Niels Bohr, Schrödinger, Heisenberg and many more got the Quantum Physics that again shook the very foundation of scientific world!

Since the seventeenth century, the Europe and America have ever continued the scientific inquiry, followed up by applied science. The whole world has benefitted from science and the consequent technology. It is a simple truth that whatever technology the East has at present almost exclusively come from the West.

Reasons?

Scientists of all branches have not stopped asking questions, they have not stopped interacting with fellow scientists. They unanimously agree on one thing: the final truth arrived at is open to further questions; open to expose its short comings to be put right.

The Europe and America have remained fertile land for the growth of scientific inquiry reaping the rich crop. We need to know what are the fertility factors.

1) Even though it's true, the early scientists were gagged to open up their minds, some were punished; the Europe became very tolerant to new ideas and inventions. In spite of political squabbles and wars, the scientists remained interacting with each other.

2) There were (and are) qualitative scientific educational institutes that helped the scientists to study and test their theories. Today, in the list of best 200 institutes, in The UK alone there are 34 such institutes, in The Europe 104 and the rest are in America and a few other places. India and the East sadly are having none! The West possess very many most up to date well equipped labs where high-quality scientists from all over the world take on challenging scientific problems (just to name a few: Universities like Oxford, Cambridge, Manchester, London, in the UK and similarly in France, Germany, Switzerland, Sweden, Denmark, the famous European CERN; in America, the famous CIT, MIT, Argonne, Fermi labs).

3) Public awareness: In the West, there has been a tradition of scientific lectures for the general public. As a result, some raw material without Higher education could be discovered to contribute to the scientific knowledge. Faraday, a famous example was picked up by Humphry Davy in one of his public lectures. This tradition has brought the attention of many successful rich philanthropists who put a lot of philanthropic money to the cause of advancement in the scientific knowledge. To name a few: Cavendish Family, Mr Nobel of the most coveted Nobel laureate prizes, Graham Bell, Mr Solvay, Abraham Flexnor, Neal TOROK - the list can go on who spent their fortune for the advancement in scientific research.

We have witnessed the West has made a dramatic scientific progress at geometric ratio since the 17th century. Public awareness has played a significant role

It is worthwhile, in contrast, to look at our scientific history. We have a record of many scientists/ rishis with significant achievements in the long past. Just to name some: Kannad rishi, Parashar rishi, Varahmihir, Brahmagupta, Bodhayan, Patanjali, Panini, Charak, Dhavantari and so on. But it is a tragedy that their very deep insights were not properly studied, analysed and investigated to make a further progress. And if you do not make your knowledge better, whatever you have decays and dies. We worshipped our Rishis and did not increase their golden knowledge. We became 'pujaris' and not 'sadhaks to continue their 'sadhanas' to make it better!

WAAH, therefore, believes that we want manifold R&D Centres like Dr Bhabha Institute, PRL of Dr Vikram Sarabhai and the consequent ISRO. On his retirement from his president's position, APJ Kalam told the MPs that if India desired to move from Developing country's status to that of 'a developed country', she needed to set up qualitative research centres where facilities should be so good that not only the native brilliant scientists work, but even the foreign best brains get attracted to work.

To conclude the matter, it is clearly seen that the West has Ecosystem to grow science. The young scientists are spotted and helped; the society is well aware of the importance of scientific inquiry and for that a need of qualitative R&D institutes. The funding comes from governments, legacies and endowments from enlightened rich citizens and past students to their alma mater.

WAAH has given thought to all this to develop its vision to see India a developed country, permanently prosperous through science and spirituality.

Hence its mission statement as it is.