

EDITORIAL NOTE

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SCIENCE POPULARIZATION: NEED OF THE HOUR

We are living in an era of Science and Technology. It is often said that technology is what makes science useful for mankind. In fact, technology is an application of Science for the manipulation of human environment and both of these are intertwined closely to each other. The trio of Information Technology, Biotechnology and Nanotechnology represents an important technological revolution.

One of the crowning achievements of the modern age has been extreme connectivity brought about by advances in computer, telecommunications and satellite technology. No space on this planet is today more than a few keystrokes away. Thanks to the ever growing cellular technology. A magnitude of technologies and software have made it possible to stay connected to one's home and run all the home devices from any part of the globe.

Biotechnology has rapidly emerged as an area of activity having a potential impact on virtually all the domains of human welfare. It has led to far reaching breakthrough in medicine, industrial processes and plant genetics, thereby giving rise to better diagnostic techniques, better crops and more efficient and cheaper production of vital pharmaceuticals. The whole new field of Biotechnology is based on linking the DNA molecule with the help of genetic Engineering techniques. Cloning, gene therapy, genetically modified crops, DNA Fingerprinting and unrevealing the complete human genome are all amazing scientific developments.

Science is the search for the best for the sake of human welfare. It is a quest for truth and finds that how the things actually take place. It seeks reliable knowledge of nature by studying the phenomena of nature. Scientific knowledge allows us to predict specific events and control them. It is acquired by observing facts, developing meaningful relations and performing exhaustive experiments. Every findings or fact is conferred by performing an experiment. Experimentation is the backbone of scientific discoveries because something which is logically true may be empirically false. Science accepts any idea as truth only after it has been verified by possible means. In brief we can say that Science is an inspiration for the cultivation of super-excellence in all the fields of life.

Science is no longer the domain of a single person or a few men. It is the collective wisdom and experimentation of mankind. The truth discovered by science is neither regional nor personal but universal and eternal.

A person with scientific background believes that nothing should be accepted as truth unless it has been thoroughly verified. A scientific attitude is an aid to clear thinking in all spheres of life. It can set mankind on the road to peace and happiness.

For thousands of years Science made little progress because people did not realize the benefit of studying Science. Today Science is progressing faster than ever. The people are utilizing technology in every field of life, but scientific attitude and scientific thinking is lacking. If the Science has to reach the common man then it is essential that scientific thinking is conveyed among masses in simplest possible ways.

