

Role of Science Institutes Are to Orient Young Mind toward Science



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Abhijit Kar received his PhD in Chemistry-Materials Science from Jadavpur University- in collaboration with NML-CSIR Jamshedpur, India. Dr. Kar has carried out his postdoctoral research in different parts of the world e.g. Sungkyunkwan University, South Korea, Swiss Federal Laboratory at Zürich, Switzerland; visiting scientist at Ruhr Universität, Germany. Dr. Kar has about 17 years of research & teaching experience. His current research interest comprises of Application of Nanotechnology for Advanced Materials. Dr. Kar has published ~40 research papers in Journals; edited books and contributed in book chapter on Electron Microscopy. He serves as reviewer of many International Peer Reviewed Journals from Elsevier, Springer. He represented as editorial board member of Journal of Materials Sciences and Applications, American Association for Science & Technology, Journal of Energy and Natural Resources etc. Currently Dr. Kar is working as the Scientific Officer of Jagadis Bose National Science Talent Search, Kolkata. Apart from JBNSTS Scholar selection process, Abhijit is instrumental in developing the research laboratory at JBNSTS. He is extensively and very successfully carrying out the “research aptitude development” activities amongst the school & college students and designing, planning and conducting Teachers Training Program across West Bengal.

Sir Mark Walport (UK Govt Chief Sct Adviser) told that the Science isn't finished until it's communicated. So If scientists do not communicate, then how could the rest of the world be aware about the inventions and discoveries and inculcate science in their daily life.

We all are aware that one the famous scientist *Albert Einstein* told that “If you can't explain it simply, you don't understand it well enough” and in recent times perhaps this has become a very valid statement. We need to be very careful while teaching in the classroom or inventing new things in the laboratory. So ultimately if we need to communicate science and benefit the society, we need to understand and assimilate it properly during the formative period of life.

Jagadish Bose National Science Talent Search has been a very important role in developing young scientists for the last 60 years. Essentially we do identify bright students of science & nurture them to develop in to young scientists for future.

We encourage and teach students/teachers learn how to think critically, synthesize information accurately, and solve problems creatively.

It is realized that Academia is perhaps the only domain/profession in this world, where someone got paid for what he/she loves and the rest of the people across the globe salutes him/her for what he/she does.

We try to make students realize this fact so as to motivate them at the early days of their career and consider doing science as their career.

We shall suggest helping student develop a deeper conceptual understanding of the (science/math subjects) content and the constructive methods that inspire them.