National Seminar

India & the Fourth Industrial Revolution: Current Problem and Forecasting Challenges

India and the Fourth Industrial Revolution is the Fourth Major Industrial Revolution phase since the initial Industrial Revolution of the 18th Century. When First Industrial Revolution started, India was nowhere. In second Industrial Revolution India was there but we were under colonial legacy of British Colonialism. Electronic Revolution was the third Industrial Revolution where India started showing its presence.

India and the Fourth phase of Industrial Revolution is characterized by a fusion of technologies that is blurring the lines between the physical, digital, and biological spheres collectively referred to as cyber-physical system. It is an interplay of technology whether it is Artificial Intelligence (AI), 3 D printing, Robotic, etc.

When Cyber (i.e. communication) and Physical (i.e. Robotic) will join; productivity will increase. New form of jobs will be created. When computer came people thought that computers will take away the jobs, but it's never happened. Now thing are more productive and quick.

We do understand that technology-transfer has no meaning today. Sensor technology, Artificial Intelligence technology is not any country's domain. Any nation can do it whether it is Dron related technology or something else. We know that Dron can do a work within few hours for which days are required by human beings. Therefore, we are able to save not only time but money also.

Innovation and Creativity is the Fourth Industrial Revolution humanity will change with super computers. Smartest brains are required in Fourth key to World Economic Forum says that *we cannot go back*. It is not like Green Revolution or White Revolution. In Fourth Industrial Revolution there are so many things are involved at the same time.

If there is one problem everyone has to work for it to solve the problem eg. Smart City where everything has to be smart. Therefore, every department is required to do the smart job.

Simply understanding the problem is a challenges. To build sound, long term policy is important. Government, Foundation and Corporate leaders need to invest in better way to allow to acquiring fresh skills on week to week or month to month basis, today.

Objective of the Seminar

- How to bring Algorithm in Technology
- Collaborative solutions for Fourth Industrial Revolution
- Automation

Sub theme of the Seminar

- Artificial Intelligence Algorithm
- Data Protection Issue
- Digital Problem solving skill
- Digital Planning
- Cyber Attack
- Global Governance through ICT
- Guided Missiles vs. Guideless people
- Logistics and services
- Transportation and Mobility
- Health-care and Diagnostics
- Hospitality and Travel
- Zero Budgeting Agriculture and Food
- Education and Training
- Energy: Old and New