

Shri Vineet Sinha

Topic : Tele ECG

Shri Vineet Sinha graduated from M. S. Ramaiah College of Engineering, Bangalore in 1998 in Electronics & Communication and joined BARC in 2000. Since then he has been working for the development of Biomedical Instruments. He has carried out the following developments in last 17 years: -

- a. Medical Analyzer
- b. Cardiac Output Monitor
- c. Holter Monitor
- d. Vaso-screen
- e. Saturation Percentage Of Oxygen (SPO2)
- f. Non-Invasive Blood Pressure Monitor
- g. Beat-to-Beat Blood Pressure Monitor
- h. Tele-Distress Alarm Device – “NIRBHAYA”
- i. Peripheral Pulse Analyzer (PPA)
- j. 12-Channel Handheld Tele-ECG on Mobile Phone

These technologies are now being commercially produced by several industries namely, Larsen & Toubro Ltd, MRK Healthcare, Balaji Electronics & Solutions, Opto-circuits India Ltd., Cardea Labs, Star Automations etc.

He is presently working on Tele-Spirometer that will be an add-on with Tele-ECG for the purpose of carrying out Lung Function Tests (LFT) along with ECG.

He is a member of Biomedical Society of India and is recipient of Group Achievement Award under Excellence in Science, Engineering and Technology Awards scheme from Department of Atomic Energy for Development of Bio-medical Instruments.