



**Computer Society of India, Chennai Chapter
IEEE Computer Society, Madras Chapter
IEEE Engineering in Medicine & Biology Society
IIT Madras Alumni Association, Madras Chapter**

Cordially invite you to a presentation on

“Computers in Healthcare”

By

Dr. G.S. Bhuvaneshwar

**Director, Innovations and Research
Trivitron Healthcare Pvt. Ltd, IITM Research Park, Chennai**

on Monday, 30th Mar 2015 at 5.30 p.m.

at CSI Education Directorate, Taramani, Chennai – 600113

(Situated in the opposite lane to Indira Nagar MRTS Railway Station.

About 100 meters away from the Dharmambal Women's Polytechnic &

Opposite to the Institute of Mathematical Sciences and Institute of Hotel Management)

Mr. Pramod Mooriath
Chairman
CSI Chennai

Mr. H.R. Mohan
Chairman
IEEE CS Madras

Dr. Santharaj
Chairman,
IEEE EMBS, Madras

Cmdr. Menon
President
IIT MAA, Madras

Programme: Tea & Networking: 5.30 p.m. :: Presentation: 6.15 p.m. :: Dinner 7.30 p.m.

About the presentation: The presentation will include the use of computers (also microprocessors and microcontrollers) in the healthcare technology space today covering areas such as:

- Data management in hospitals and clinics
- Homecare monitoring and telemedicine
- High power computing in imaging - CT, MRI, PET, X-ray, OCT and Ultrasound
- Application of microcontrollers and smartphone
- Personalised healthcare - 3D printers, bioinformatics and drug therapy
- The Future - IOT in healthcare.



About the Speaker: Dr. G.S. Bhuvaneshwar is presently the Director, Innovation & Education at Trivitron Healthcare Pvt. Ltd, Chennai. Earlier, he was the head of the Biomedical Technology Wing of Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum since 2000. He had been associated with the Biomedical Technology Wing of the Institute since its inception in 1976. Dr. Bhuvaneshwar graduated with a B.Tech (Electronics) in 1972 and then M.S.(Bioengineering) from IIT Madras. He later obtained PhD in Biomedical Technology from Sree Chitra Tirunal Institute for Medical Sciences & Technology in 1994. He has been honored with several awards including the Distinguished Alumnus Award of IIT Madras in 1999, shared FIE Foundation Award in 1994 for the development of Chitra Heart Valve and the NRDC Award for meritorious invention for Chitra Heart Valve in 1994, Material Research Society of India Medal Lecture Award in 2002 and Spictra Membrane Oxygenator in 2006.

To facilitate logistics, pl. pre-register at <http://goo.gl/forms/Ja2FDpQsr6>