



# A Workshop on Technology for the Elderly

**Karnataka's Initiative on Technology for the Elderly (KITE)**



Organized by

**Department of IT, BT and S&T, Govt. of Karnataka**

in association with

**Bioengineering Programme & Centre for Product Design and  
Manufacturing, Indian Institute of Science, Bengaluru**

**Venue:** A. R. Auditorium, Third Floor, Mechanical Engineering Dept., IISc,  
Bengaluru, 560012

**Date:** 22<sup>nd</sup> November 2014

**Time:** 9:00 am – 13:30 pm

## **Programme**

09:00	Welcome and Introductions
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### **Technical Presentations**

09:05 (15min)	Technology for Elderly: its Importance, Impact and Initiatives of Govt. of	<b>Dr. Konga Gopikrishna,</b> Scientist E, DST, Gol
09:20 (15 min)	A Protective Device during a Fall	<b>Prof. Ashitava Ghosal,</b> ME, IISc
09:35 (15 min)	A Compliant Easy Chair for the Elderly	<b>Prof. G. K. Ananthasuresh,</b> ME, IISc
09:50 (15 min)	A Device to ease Entry/exit in Railway Coaches	<b>Prof. Amaresh Chakrabarti,</b> CPDM, IISc
10:05 (10 min)	Q&A	
10:15 (15 min)	Coffee	

## Envisioning KITE

10:30 (10 min)	Overview <b>Prof. G. K. Ananthasuresh</b>
10:40 (5 min)	Inception & Challenges <b>Dr. A. Maulishree</b>
10:45 (10 min)	<b>Prof. V. K. Aatre</b> , Former Scientific Adviser to the Defense Minister and Visiting Professor, IISc
10:55 (10 min)	<b>Prof. Anurag Kumar</b> , Director, IISc
11:05 (10 min)	<b>Mrs. Tanusree Deb Barma</b> , IAS, Director ITBT, Department of IT, BT and S&T, Govt. of Karnataka

## Perspectives of Geriatricians

11:15 (30 min)	<b><i>Opportunities and challenges for using technology to help the elderly</i></b>
	Moderator: <b>Prof. G. K. Ananthasuresh</b> , IISc
	<b>Speakers:</b> <b>Dr. Medha Rao</b> , Dean MS Ramiah Hospital, Bangalore <b>Dr. K. S. Nagesh</b> , Director - Public Health Institute, RGUHS, Bangalore <b>Dr. Dominic Benjamin</b> - Geriatrician, Bangalore Baptist Hospital

## Perspectives from the Industry

11:45 (60 min)	<b><i>Prototyping &amp; Manufacturing of Biomedical Instruments in the Indian Context</i></b>	
	Moderator: <b>Prof. Ashitava Ghosal</b> , IISc	
	<b><i>Speakers</i></b>	
	Samsung	<b>Aloknath De</b>
	Philips	<b>Ravi Ramaswamy</b>
	Siemens	<b>Manohar Kollegal</b>
	Skandray	<b>Dr. Suresh</b>
	GE	<b>R. Suresh Kumar</b>
	Boston Scientific	<b>Syed Naveed</b>
BigSolve	<b>Guru Dutt Javagal</b>	

## Panel Discussion

<b><i>Transfer of Technology for Biomedical Instruments</i></b>	
	Moderator: <b>Dr. A. Maulishree</b> , Head - Innovation & Skill Dev, Department of IT, BT and S&T, Govt. of Karnataka
12:45 (30 min)	<b><i>Panelists:</i></b> <b>Prof. V. K. Aatre</b> , Former Scientific Adviser to the Defense Minister and Visiting Professor, IISc <b>Vijay Simha</b> , Onebreath <b>Rudra Pratap</b> , Chair, CeNSE, IISc