



**Workshop on**  
**“THE PRESENT AND FUTURE OF COMPLEX SYSTEMS ENGINEERING”**  
**“On 7th August 2012**  
**DESE (previously CEDT), IISc**

Schedule	Speaker	Presentation Title
Coffee Break		
10.00- 11.00am	Prof Jamadagni- (Professor -IISc)	Introduction, Context and Purpose of the Workshop. Current projects, and technologies used in India using complex systems, research challenges that are addressed by India.
11.00am- 12.00 pm	Professor S S Murthy- Professor at IIT-Delhi and CEA chair.	Key challenges to the development and deployment of Complex systems in India. Recent trends, directions of control and monitoring systems in India. A brief on the projects and work happening in India on complex systems engineering.(control and monitoring systems)
12.00-pm- 1.00pm	Dr Andra venkateshwarulu-(Head GE Global research)	Key Challenges faced by Industry deploying complex systems. What kind of solutions does the industry seek from complex systems? Current work/projects and trends in GE using complex systems.
Lunch Break		
2.00pm- 3.00 pm	Dr Chinmaya Kar- Head control group HTSL	Key Challenges faced by Industry deploying complex systems. What kind of solutions does the industry seek from complex systems? Current work/projects and trends in HTSL using complex systems.
3.00- 4.00 pm	Mr P Balamurali- head Control and instrumentation group TCS Bangalore	Key Challenges faced by Industry deploying complex systems. What kind of solutions does the industry seek from complex systems? Current work/projects and trends in TCS using complex systems.
Tea Break		
4.30-5.00pm	Discussion	India’s motivation to collaborate with Europe: What doe India want from the cooperation with EU?