

# ERUDITE 2016

## Scholars In-Residence Programme under Erudite Scheme Popular lecture series and interaction with Students/Teachers

By

**Prof. V. Ramgopal Rao**

*(P. K. Kelkar Chair Professor for Nanotechnology, J C Bose National Fellow and Chief Investigator of Centre for Excellence in Nanoelectronics, Department of Electrical Engineering IIT Bombay)*

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KERALA STATE HIGHER EDUCATION COUNCIL

*Organized By*

Department of Physics, Cochin University of Science and Technology

Venue : Auditorium, Department of Physics

&

Placement Cell Auditorium, School of Engineering

Cochin University of Science and Technology

Thrikkakara Campus, Cochin, Kerala

Dates : 22-03-2016 9:30 am onwards

**Erudite Lecture Series at other Institutions by Prof. V. Ramgopal Rao**

23-03-2016 @ Adi Shankara Institute of Engineering & Technology, Kalady,  
Ernakulam, Kerala

**About Erudite:** Erudite, the scholars-in-residence programme conceived by the State Higher Education Council, Govt. of Kerala invites renowned academicians and Nobel laureates from within the country and abroad to the universities in Kerala. They deliver popular lectures on topics of their expertise and interact with students and teachers. This is a flagship programme of the Govt. of Kerala to inspire youngsters and inculcate excellence in their discipline.

**About Erudite Professor: Prof. V. Ramgopal Rao** is the P. K. Kelkar Chair Professor for Nanotechnology, J C Bose National Fellow and Chief Investigator of Centre for Excellence in Nanoelectronics, Department of Electrical Engineering IIT Bombay. To his credit he has over 400 publications in the area of Electron Devices & Nanoelectronics in international journals and conference proceedings. Owns 32 patents (including 13 US patents) and patent applications, with many of his patents licensed to industries for commercialization. He is a co-founder of NanoSniff Technologies Pvt. Ltd. at IIT Bombay. He holds a M.Tech degree from IIT Bombay in 1991 and a Ph.D from Faculty of Electrical Engineering, Universitaet der Bundeswehr Munich, Germany, 1997. Prof. Rao has supervised/co-supervised over 100 Masters students & 30 Ph.D. students at IIT Bombay in the area of Nanoelectronics since 2000. He is also a recipient of various prizes including the Infosys Prize in 2013, "Dr. Shanti Swarup Bhatnagar Prize in Engineering Sciences"2005, Techno-Mentor award from the Indian Semiconductor Association in 2009, IBM faculty award 2007, DAE-SRC Outstanding Research Investigator Award 2010, and 'Swarnajayanti Fellowship' Award 2003-04. He is an inventor, entrepreneur and innovator all in one.

All are cordially invited.

**Programme Schedule for  
Prof. V. Ramgopal Rao's Erudite Lecture Series**

Date	Venue	9:30 a.m.-10:30 a.m.	11.00 a.m.-12:30 p.m.	2.30 p.m.-3:30 p.m.	3.45 p.m. – 4.45 p.m.
22-03-2016	Cochin University of Science and Technology (CUSAT), Cochin	<p style="text-align: center;"><b>Lecture I</b> “The amazing world of Nano-Electro-Mechanical-Switches &amp; their applications”</p>	<p style="text-align: center;">Interaction with Students/Teachers</p>	<p style="text-align: center;"><b>Lecture II</b> “Bridging Academic R&amp;D with Product Innovation – a few case studies and a way forward”</p>	<p style="text-align: center;">Interaction with Students/Teachers</p>
		<i>@ Auditorium , Dept. of Physics</i>		<i>@ Placement Cell Auditorium, School of Engineering</i>	
23-03-2016	Adi Shankara Institute of Engineering & Technology, Kalady, Ernakulam	<p style="text-align: center;"><b>Lecture III</b> “Bridging Academic R&amp;D with Product Innovation – a few case studies and a way forward”</p>	<p style="text-align: center;">Interaction with Students/Teachers</p>		