



Department of Science  
and Technology (DST)  
Government of India



Ministry of Environment,  
Forest and Climate Change  
Government of India



Bureau of Energy Efficiency  
Government of India  
Ministry of Power

# WORKSHOP ON R & D AND INNOVATION IN COOLING AND REFRIGERATION

6<sup>th</sup> May, 2019 | Magnolia Hall | India Habitat Centre, New Delhi

Department of Science and Technology (DST),  
Ministry of Science and Technology (MoST)

The Ozone Cell, Ministry of Environment,  
Forest and Climate Change (MoEFCC)

Bureau of Energy Efficiency, Ministry of Power

## Agenda

<b>10:00 AM</b>	Welcome Address by <b>Dr. Amit Love</b> , Joint Director, Ozone Cell, MoEFCC
<b>10:10 AM</b>	Address by <b>Dr Sanjay Bajpai</b> on the need to accelerate research, development and demonstration through <b>Mission Innovation Initiative</b> , Head, Technology, Missions Division (Energy, Water and all Others), DST, MoST
<b>10:25 AM</b>	<b>Importance of Innovation, R &amp; D for Providing Sustainable Cooling and Thermal Comfort for All in India – Mrs Geeta Menon</b> IA&AS, Joint Secretary, Ozone Cell, MoEFCC
<b>10:40 AM</b>	Importance of energy efficiency in Sustainable and Smart Space Cooling (Buildings and Appliances) by <b>Mr Abhay Bakre</b> , Director General, Bureau of Energy Efficiency
<b>11:00 AM</b>	Overview of Global Cooling Prize by <b>Dr JBV Reddy</b> , DST, MoST
<b>11:10 AM</b>	Tea Break
<b>11:25 AM</b>	<b>Innovation in Cooling &amp; Refrigeration, an Industry Perspective – Mr J M Bhambure</b> , Head Environment Committee RAMA, Member TEAP Task Force Montreal Protocol & Technical Advisor Blue Star Ltd, RAMA
<b>11:40 AM</b>	<b>Details about the Testing protocol of Global Cooling Prize – Prof. Rajan Rawal / Dr. Yash Shukla</b> , CEPT University, Ahmedabad
<b>12:00 Noon</b>	Panel Discussion titled <b>Global Cooling Prize to Kick-Start the Innovation and R&amp;D Ecosystem in India</b> : Moderator - <b>Dr Satish Kumar</b> , President & Executive Director, AEEE

### Research perspective (12:00 Noon to 12:45 PM)

Dr. Srinivasa Murthy, India Technical Review Committee Member, Global Cooling Prize  
Dr. Sukumar Devotta, India Technical Review Committee Member, Global Cooling Prize  
Dr. S C Mullick, India Technical Review Committee Member, Global Cooling Prize  
Dr. R.S. Agarwal, Former Prof, IIT Delhi  
Dr. M.P.Maiya, IIT Madras, Chennai

### Industry perspective (12:45 PM to 01:30 PM)

Mr Darshi Dhaliwal / Mr Tiger Aster, Toro Watt  
Mr Gaurav Mehtani, Member Environment Committee, BEE Committee, & BIS Committee - RAMA & Assistant General Manager, Product Management & Technical Support , Daikin India Ltd – RAMA  
Mr Sanjay Lonial, AVP, Godrej  
Mr M.S. Vasu, GM, R&D, Voltas

### Concluding Remarks (01:30 PM to 01:35 PM)

1:35 PM **Vote of Thanks** by **Ms Ipshita Banerjee**, Manager Strategic Communications & PR, AEEE

### Lunch & Networking