

**Decennial Celebration**  
**10<sup>th</sup> Karnataka Science and Technology Academy (KSTA) Conference**  
in association with  
**REVA University, Yelahanka, Bengaluru**

**Theme: Science and Technology for Future of Humanity**

**Date:** January 18 - 19, 2018

**Venue:** Kuvempu Auditorium, B'lore

**Day :** Thursday and Friday

**Inaugural Function: 10.00 am – 11.30 am on January 18, 2018 (Thursday)**

**Technical Session: Schedule**

**DAY 1:** January 18, 2018 (Thursday) | **Venue:** Auditorium

Sl. No	Topic of Presentation	Resource Experts	Time
1	Is it Necessary for the Society to Understand Science?	<b>Padmabhushan Prof. P. Balaram</b> Former Director, IISc Molecular Biophysics Unit Indian Institute of Science Bengaluru	12.30 pm - 01.15 pm
<b>Lunch Break : 1.15 pm – 2.15 pm</b>			
2	Space Science & Technology: Future of Humanity	<b>Padmashri Dr. S K Shiva Kumar</b> Chairman, KSTA/ Dr. Vikram Sarabhai Distinguished Professor/ Former Director, ISAC, ISRO, Bengaluru	02.15 pm - 03.00 pm
3	Open Innovation, Big Data and Crowd Sourcing: The Next Frontier	<b>Prof. Samir K Brahmachari</b> J. C Bose National Fellow Former Director General, Council of Scientific and Industrial Research	03.00 pm – 03.45 pm
<b>Tea/Coffee Break 3.45 pm – 4.15 pm</b>			
4	Data Science Research: Current Trends and Future Directions	<b>Dr. Y Narahari</b> Professor Game Theory Laboratory Computer Science and Automation Indian Institute of Science Bengaluru	04.15 pm – 05.00 pm
<b>Visit to Poster Presentations and Exhibition : 5.00 pm – 6.00 pm</b>			
<b>Cultural Program : 6.30 pm – 7.30 pm</b>			
<b>Dinner : 8.00 pm onwards</b>			

**DAY 2:** January 19, 2018 (Friday) | **Venue:** Auditorium

Sl. No.	Lecture Topic	Resource Expert	Time
5	Smart Farming Technologies for Future Food Security	<b>Prof. S. Ayyappan</b> Former Secretary to Govt. DARE and DG, ICAR, Govt. of India/ NABARD Chair Professor, NDRI Southern Regional Station, Bengaluru	10.00 am – 10.45 am
6	From Science to Product	<b>Dr. Navakant Bhat</b> Professor Centre for Nano Science and Engineering (CeNSE) Department of Electrical Communication Engineering Indian Institute of Science, Bengaluru	10.45 am – 11.30 am
<b>Tea/Coffee Break : 11.30 am – 12 noon</b>			
7	Nano Designing of Infection-resistant Smart Polymer Surfaces for Human Healthcare System	<b>Dr. Bhuvanesh Gupta</b> Bioengineering Laboratory Department of Textile Technology Indian Institute of Technology New Delhi - 110016	12.00 noon – 12.45 pm
8	Advances in Mobile Robotic Technology	<b>Dr. Kavi Arya</b> Professor Computer Science and Engineering Department Indian Institute of Technology, Bombay Mumbai	12.45 pm – 01.30 pm
<b>Lunch Break : 1.30 pm – 2.30 pm</b>			
9	Technological Advances in Neurology	<b>Dr. S Raghavendra</b> Consultant Neurologist & Epileptologist Vikram Hospital (Bengaluru) Millers Road Bengaluru	02.30 pm – 03.15 pm
<b>Panel Discussion : 3.15 pm – 4. 15 pm</b>			
<b>Valedictory &amp; Prize Distribution : 4.30 pm – 5.00 pm</b>			