



**Kammavari Sangham (R) - 1952**  
**K.S.Group of Institutions**  
**K S INSTITUTE OF TECHNOLOGY**  
**#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109**  
**DEPARTMENT OF COMPUTER SCIENCE AND**  
**ENGINEERING**

**Report on ITC – 2018 Conference attended by CS& E Students and Staff**  
ITC-2018 is a flagship event of the Indian Technology Congress Association (ITCA), focuses on facilitating collaboration between technology professionals from the industry, R&D laboratories, government, academic institutions and other professional bodies. Session wise details :

**Day 1:**

**Date : 5-9-2018**

**Time 9.30 to 10.30 am**

**Inauguration**



The 6th edition of Indian Technology Congress-2018 is organized on Wednesday, 5 September 2018 and 6<sup>th</sup> September 2018 in NIMHANS Convention Centre, Bengaluru. Shri. H.D. Kumaraswamy Hon'ble Chief Minister of Karnataka inaugurated the 6th edition of Indian Technology Congress-2018. Welcome Speech by Dr L V Muralikrishna Reddy Chairman, Indian Technology Congress, Dr Wooday P Krishna National President Indian Institution of Production Engineers briefed about ITC. LIGHTING THE LAMP is followed by Inaugural Address from Shri H D Kumaraswamy Hon'ble Chief Minister Government of Karnataka Presidential Address Prof R M Vasagam Padma Shri Awardee Chairman, National Advisory Committee, ITC 2018. Vote of Thanks is delivered by Dr K Gopalakrishnan Council Member, The Institution of Engineers (India).

**Date : 5-9-2018**

**Time 2 pm to 4.50 pm**

### **Session I - Student Satellite program**

Inauguration by Dr B N Suresh, Chancellor, Indian Institute of Space Science and Technology(Deemed University) Former Director, Vikram Sarabhai Space Centre(VSSC) Vikram Sarabhai Distinguished Professor, ISRO In the Inaugural speech, he told inter disciplinary work in the areas of System Engineering is required for atellite to work in orbit. Reliability and quality of electronic components is a thrust area were lot of scope is there. Frame work should involve technology and management.

### **Session II :Student Participation in Space Exploration**

Session Chair :DrDattaguru, PadmashreeAwardee- In his speech he briefed about useful output of staellites, payload, navigation and remote sensing topics.

Key note Address: Mr. Jayachandra,Scientist/Engineer-G, Group Director -DTG Group SIS / IISU Associate Programme Director, VSSC, ISRO talked about Chandrayan, Mangalyan, Mars mission-Speed of Rocket, PSLV, GSLV – Pupose of GSLV for imaging, whether prediction. Challenge – Delay.He concluded that focus area is ESA – Space Know how.

### **SessionIII :University Space Engineering Consortium (UNISEC) - Global Activities and Students Satellite Projects**

Speaker Dr G P GanapathyProfessor & Director, Vellore Institute of Technology(Deemed University) University Space Engineering Consortium (UNISEC)- Informed the audience about Space Science & Technology, Local chapters intended to start in India – The activities under it : Competitions on icro and Nano satellites Idea contest, Debris analysis competition, conferences, workshop on earthquake predictions. He also talked about global projects and training programs.

**Day 2:**

**Date :6-9-2018**

**Time 9.30 am – 11 am**

**Session IV: Plenary Session**

**Chair and Address** Dr Y S Rajan Padma Shri Awardee Honorary Distinguished Professor Indian Space Research Organization

**Speaker :** Dr Mylswamy Annadurai Padma Shri Awardee Former Director, ISRO Satellite Centre

Talkes about Small satellites and student satellites – Slogan “ Faster, Better, Smaller” – Education and earth sciences

**Speaker 1 :** Dr Meir Ariel Director The Herzliya Science Centre, ISRAEL – Talked about satellite technology, msecurity needs, Industry and economy aspects. He informed that in Israel the training on satellites will be given from high school level. More girls to come forward in this area.

**Speaker 2:** Shri ArunVenkatesan Managing Director VSTP Ltd/Sapienza Space Systems and Space Surveillance Laboratory, Italy talked about Education and research in the areas of space surveillances, data analysis, debris management.

**Day 2:**

**Date :6-9-2018**

**Time 11.30 am 1 pm**

**Session V: FUTURISTIC FARM MECHANIZATION**

**Speaker 1 :** Dr S N Omkar Chief Research Scientist, Department of Aerospace Engineering, IISC, Bangalore – Spoke about Low Altitude Remote Sensing for Agriculture – Machine learning, cameras with high resolution.

**Speaker 2:** Shri P C Meshram Senior Agriculture Engineer, Southern Region Farm Machinery and Training Institute, Anantapur Farm Mechanization in India - Problems and prospects with initiatives for promotion of agricultural mechanization by Govt. of India through FMTTIs

**Speaker 3:** Dr K C Shashidar Head, Agri Engineering, UAHS, Shimoga Next Gen Technology Interventions for Farm Productivity and Food Systems

**Time : 2 pm 3.30 pm**

**Session VI :Panel Discussion- Drivers of Transformation in Educational Excellence**

Members of the Panel were - Dr Winston Jacob MBE Ambassador, Global Universityfor Lifelong Learning [USA] Accredited Mentor Coach, International Coach Federation, USA, Dr P G A Vora Sr. Dy Director ARAI Academy, Pune, Dr YVS Lakshmi Head, Marketing Centre for Development of Telematics, Dr V Ranganathan, CEO ESpectrum Consulting, Prof Daniel Khan, OBE-COO, IOP, United Kingdom

**Session VII : Valedictory**

**Time : 3.30 pm to 4 pm**

Dr S Ayyappan, Chancellor, Central Agricultural University, Imphal. Dr D L Maheswar, Former VC, UHS Bagalkot **Shri** M I Ganagi, CGM, NABARD, Mumbai **Shri** Chintamani Rachayanavar, Chief Advisor, AAB- ITCA, Bangalore were present in the function .

Signature of Participants:

Staff

1. Dr Rekha B Venkatapur

Students

1. Keerthana V
2. Niharika R
3. Parth P Shah
4. Vishal M S
5. ShravanBhat
6. Monish R
7. Abhishek M