



**KSIT**  
K.S. INSTITUTE OF TECHNOLOGY

Kammavari Sangham (R)

**K.S. Group of Institutions**

**K. S. INSTITUTE OF TECHNOLOGY**

# 14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 062.

**Department of Electronics and Communication**



IEEE Women in Engineering  
*Wie*

**KSIT IEEE**

Presents

**MOMENTUM**

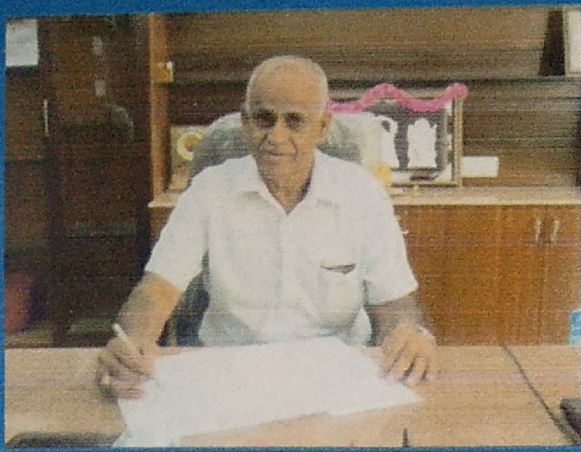


**APRIL 2016**

**VOLUME - 1**







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President



Sri K. Venkatesh Naidu  
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K. S. INSTITUTE OF TECHNOLOGY has been an empowering force in the field of education and technology. The IEEE student branch and WIE has exhibited excellent management and professional skills. This technical body of KSIT has brought great laurels to our institution

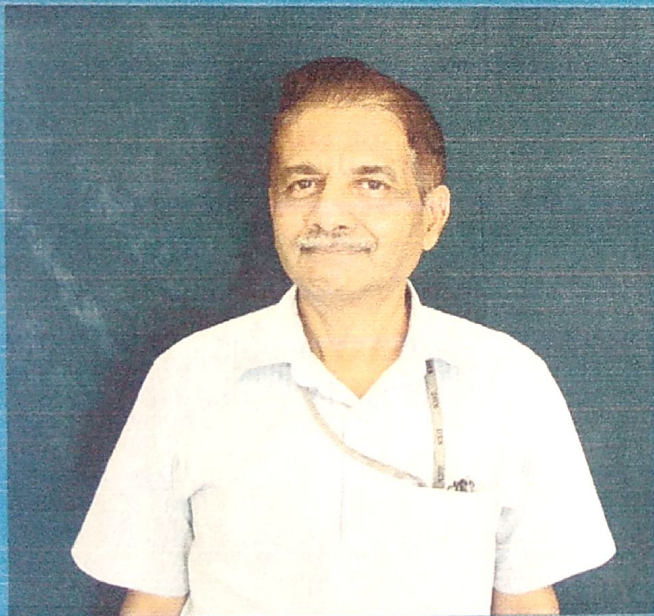




Dr P N Sudha  
KSIT WIE Chair



Mrs. Supriya V G  
KSIT IEEE Chair



Dr. M J Shanti Prasad  
KSIT IEEE Mentor



Mrs. Jayasudha B S K  
KSIT Branch Counselor



# ABOUT THE OFFICE BEARERS



## OFFICE BEARERS FOR THE YEAR 2015 - 16 :

**Vikas S - KSIT IEEE STB Chair**  
**Anushree R - KSIT IEEE STB Vice chair**  
**Manu Hebbar - KSIT IEEE STB Secretary**  
**Vadiraj M - KSIT IEEE Treasurer**

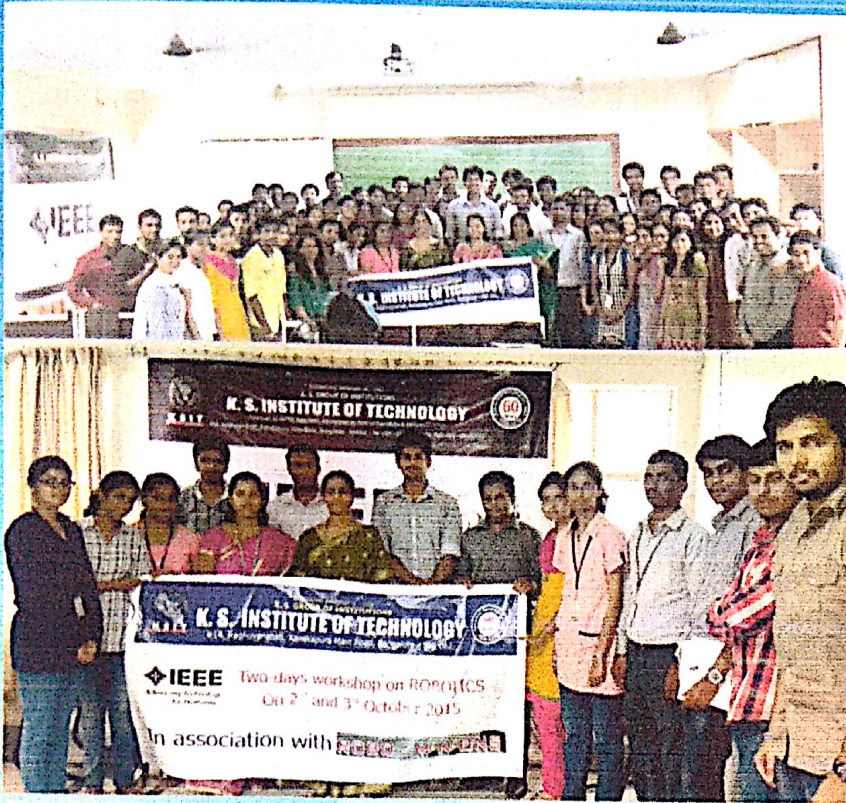
**S Navya Sri - KSIT WIE Chair**  
**Amulya - KSIT WIE Vice Chair**  
**Parvathamma M - KST WIE Secretary**  
**Pooja R - KSIT WIE Treasurer**





# Events Conducted

## 1. TWO DAY WORKSHOP ON ROBOTICS



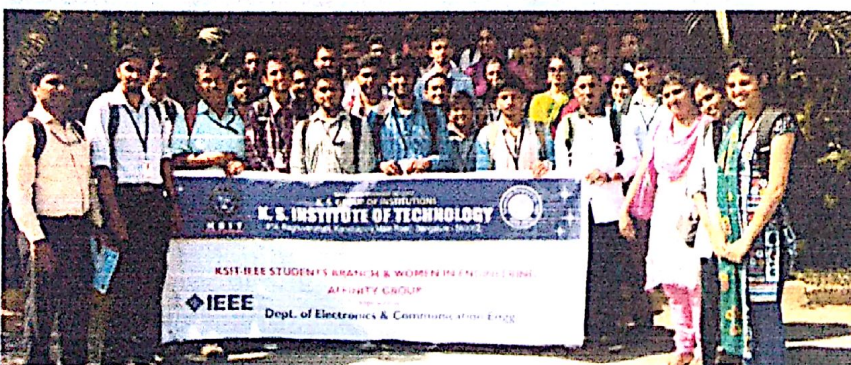
A two day workshop on **Robotics** was organized by the IEEE Student chapter and WIE affinity group in association with **Robominions** on the **2nd and 3rd of October, 2015 at KSIT**. Students from various colleges participated in the workshop. The workshop revised the basics of several electronic components and its working. During the various sessions several autonomous robots like Line following robot, obstacle detector robot, joystick controlled robot, edge detector robots and many more were showcased. The phrase "tell me I'll forget, show me I may remember, involve me and I'll understand" was very apt and proved that practical knowledge and hands on experience gained during the workshop would definitely help to have an edge over others.

## 2. INDUSTRIAL VISIT TO HAL



An industrial visit to **Hindustan Aeronautical Limited (HAL)**, Bengaluru was organized for the third semester students under the IEEE Students chapter. It was a very enriching experience for the students as they gained comprehensive knowledge about various decommissioned aircrafts. The various aeronautical structures on display helped to elevate the passion and interest of all the students involved. All in all it was a very successful visit.

## 3. INDUSTRIAL VISIT TO CDAC



An industrial visit was organized to the **Center for Development of Advanced Computing (C-DAC)** on **19th February, 2016** for the IEEE Student Members. It provided an insight into the various technologies involved in super computing and cloud based implementations. The interactions with the personnel helped us understand various interesting concepts.



## 4. QUADROTOR WORKSHOP



A two day workshop on **Quadrotor** was organized under IEEE in collaboration with **Skyfi Education Labs Pvt.Ltd.** on the **27th and 28th of February, 2016** at **KSIT, Bangalore**. After building a Quad Copter, Calibration and testing was performed where the design and configuration of each Quad Copter was thoroughly tested. Certificates were awarded to all the participants and the best performers were adequately rewarded.

## 5. FUND RAISER FOR POLIO FREE SOCIETY



A **fund raiser** event was conducted to raise money for a social cause. This fund raiser was conducted in association with **Rotary Club** on **24th February, 2016** at **K.S.Institute of Technology** to take a positive step towards a polio free country. The fund raiser saw many students donating for the cause. It inspired many to help raise awareness about the disease and take the necessary steps required to eradicate it completely.

## 6. TECHNICAL SEMINAR ON EMBEDDED SYSTEMS



A one day Technical Seminar on "**Embedded System Design – An Introduction to Microchip and ARM Microcontroller**" was organized on **24th February 2016** for the students of Sixth Semester, ECE branch at 2.00 PM in the ECE Seminar Hall. **Mr. N Nithin Avasthi**, VP Technical, APSIS Solutions, Bangalore was the Guest speaker. He tapped the potential of many students through his enlightening lecture. Overall it was a very enriching experience.