

SARASWATI EDUCATION SOCIETY

SARASWATI COLLEGE OF ENGINEERING

Plot no. 46, Sec-5, Near Utsav Chowk, Kharghar, Navi Mumbai-410210

ELECTRONICS & TELECOMMUNICATION DEPT.

Mission

“To foster an intellectual and ethical environment to impart knowledge with academic excellence, training, with a global outlook and human value”



Vision

“Innovation through Research”

“To generate and disseminate knowledge and technologies essential to the global needs in the field of electronics and telecommunication and to achieve excellence in learning, innovation, research and the application of knowledge to benefit society globally”

Editorial Board: Mrs. Asha Arun

From the HOD's Desk;

"Education is the ability to listen to almost anything without losing your temper or your self-confidence."

The department makes ceaseless efforts to ensure that knowledge of the faculty as well as students is updated regularly by arranging seminars, STTPs, Workshops and Conferences. Visiting faculty programs are regularly conducted in the department for the Students.

All students are mentored by faculty members as part of student's counseling. Academic monitoring committee monitors the class work progress.

....Prof. Manjusha Deshmukh



Program Educational Objectives defined.....

- To pursue a successful career and contribute to the development in their own field recognizing the significance of lifelong learning.
- Apply the knowledge of mathematics and science to identify, formulate and define engineering problems in the field of Electronics and Telecommunication.
- Contribute to the needs of the society in solving technical problems using electronics & communication engineering principles, tools, and practices.
- Exercise excellent leadership qualities and interpersonal skills to addresses issues in a responsive, ethical, and innovative manner, so as to meet the nation's and stakeholders' aspiration.
- Upholding the importance of professionalism and ethical practice within the Electronics and telecommunication profession.

Program Outcomes defined.....

- An ability to engage in life-long learning and an understanding of the need to keep up with current developments in the specific field of practice.
- An ability to apply knowledge of mathematics, science and engineering as appropriate to the field of electronics & communication engineering practice.
- An understanding of the effects of the engineering solutions in a global, economic, environmental and societal context.
- Ability to demonstrate leadership, managerial and entrepreneurship skills.
- Ability to function effectively in teams to accomplish a common goal.
- Acquire the communication skills necessary to interact effectively in multidisciplinary teams.
- Recognition of the need for, and an ability to engage in, continuing professional development.
- Understand the ethical, legal, and professional responsibilities in the field of Electronics and telecommunication and the necessity of contributing positively to society.



Womens Day Celebration

(8th March'13)

"Remember the dignity of your womanhood. Do not appeal, do not beg, do not grovel. Take courage, join hands, stand beside us, fight with us."

Our college has a women development cell with members as below:

Chairman: Prof. Sheetal Bukkawar

Secretary: Prof. Sonal Gahankari

Members:

Prof. Umesh Pinjarkar

Prof. Pallavi Kharat

Prof. Rajashri Narwade

Prof. Sneha Prabhudesai

Prof. Sarita Kale

Prof. Pooja Rane



ETSA (20th August'12)

The body of ETSA was formed by the department to carry out the various extra-curricular activities for E & TC students.

Body of ETSA:

Staff Advisor: Prof. Sheetal Bukkawar

President: Tejas Tandel

Vice-President: Swapnil Gade

Secretary: Swati Kardak

Technical Head: Abhijeet Desai

Treasurer: Deepti Nayak



ETSA BODY '12-'13

Fun Fair in E&TC Dept

(27th feb 2013)

We had organized a fun fair in the E & TC department under ETSA.

Co-ordinators

Staff Advisor: Prof. Sheetal Bukkawar

President: Tejas Tandel

Vice-President: Swapnil Gade

Secretary: Swati Kardak

Technical Head: Abhijeet Desai

Treasurer: Deepti Nayak



WOMENS DAY CELEBRATION

(8th March 2013)

“The beauty of a woman is not in a facial mode but the true beauty in a woman is reflected in her soul. It is the caring that she lovingly gives the passion that she shows. The beauty of a woman grows with the passing years.”





Alumini Meet

(17th March 2013)

*You meet people who forget you.
You forget people you meet. But
sometimes you meet those people
you can't forget. Those are your
'friends.'*

Avishkar

(25th March 2013)

A National Level Project Competition

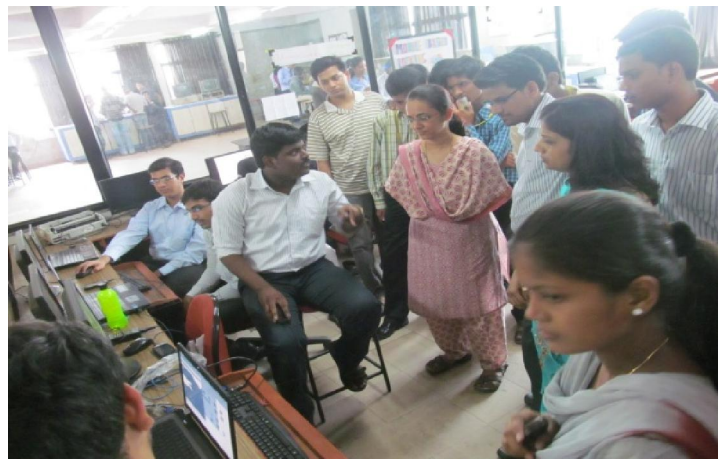
Organized by:

Prof. Suman Suri & Prof. Mandeep Kaur.

This event was organized to encourage talent of young engineer to transform their technical ideas in to real working projects and give them a platform for showing their talent in front of expert of respective fields.

This event was inaugurated by Dr. Ranjan Bala Jain in the presence of the Principal Dr.B.B Shrivastava, the convener Mrs. Manjusha Deshmukh , honorable judges Prof. V S Nimbalkar and Prof. Bharti Joshi, faculty members of E&TC dept and the students.

There were total 71 **entries (20 internal entries)** from various colleges of the Mumbai and from other states such as Nasik, Gujarat and Rajasthan.





Farewell

(5th April 2013)

“Farewell has a sweet sound of reluctance. Good-bye is short and final, a word with teeth sharp to bite through the string that ties past to the future.”



Value addition of staff:

We are proud to notify that our department has a crowd of twenty six teaching faculty members out of which three staff members are pursuing their PhD Programme, eight staff members completed ME Programme and Fourteen staff members are pursuing their ME/M.Tech Programme.

Conferences / Papers Published:

Prof. Manjusha Deshmukh

1. Presented a paper on **"Video Compression using H-264: A Review"** at International Conference on advances in computer science & Engineering ICACSE 2013 in association with WARSE, IETE, CSI. – Hyderabad, India. Jan - 2013
2. Presented a paper on **"IRIS Recognition: A Review"** at Lords Institute of Engineering & Technology. – Hyderabad, India. Jan-2013

Prof. Sunita Jadhav

1. Presented a paper on "" at IEEE International Conference ICCICT in Jan-2013.
2. Presented a paper on "" at International Conference ICAET by IRD India in Feb-2013.
3. Presented a paper on "" at International Conference ICEEDC in Feb-2013.
4. Published a paper on "" in International Journal IJIRSET in Mar-2013.
5. Presented a paper on "" at National Conference at A.C. Patil College of Engineering in Mar-2013.

Prof. Pallavi Kharat

1. Presented a paper on **"IRIS Recognition: A Review"** at Lords Institute of Engineering & Technology. – Hyderabad, India.

Prof. Suman Suri

1. Presented a paper on **"Design of H^∞ controller for fractional order system"** at International Conference - MULTICON. –in Feb - 13.
2. Published a paper on **"Design of H^∞ controller for FOS – Algorithm11"** in International Journal - IJCE. –in March - 13.

Prof. Jyotsna Patil

1. Published a paper on **"A comparative study of ICA method"** at International Journal IJIRSET. –in March - 13.

Prof. Sarita Kale

1. Presented a paper on "" at International Conference. –Equinox. in March - 13.
2. Presented a paper on "" at International Conference ICETIA. – in March - 13.

Prof. Sheetal Bukkavar

1. Presented a paper on **"Wireless mesh network: routing challenges and addressing unfair behaviour among nodes - A review"** at International Conference in IBSS Engineering college Amravati in March - 13.