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"

From the HOD's Desk:

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

The EXTC dept is always striving to achieve academic excellence which can help our student to become all-rounder and represent themselves globally. We encourage our students for higher studies like MTech and MS. We conduct attitude test, activities that can help them to boost their confidence, Leadership qualities and hidden talents. We also organize technical workshops, Seminars and competition which help them to bridge the gap between academics and industry We also support our faculties in their overall development by encouraging them to attend and organize various STTP and Workshop that can hone their interpersonal as well as technical skills.

….Prof. Mandeep Kundhal

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.

Orientation on "Microcontroller and Applications"

(10th July 2014)

Orientation on "**Microcontroller and Applications**" organized by Electronics & Telecommunication Department, SCOE on behalf of University of Mumbai. The orientation was conducted by Dr. Manjusha Deshmukh and Prof. M. U. Nemade discussed the blueprint of subject. There were 42 participants from different colleges.

Ganesh Festival

(29th August 2014)

The entire department came together to celebrate the joyous Ganesh festival.

Co-ordinator:

Prof. Umesh Pinjarkar

Prof. Pooja Rane

Induction of ETSA

(5th September 2014)

"Connecting Students Network"

Induction of ETSA committee was held on 23rd August 2013. 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 Advisors:

Prof. Pooja Rane

Prof. Priyanka Birajdar

Student Members:

President: Shashank Shirke

Vice-President: Shreyas Jadhav

Secretary: Pradeep Nachanekar

Joint Secretary: Akash Gole

Treasurer: Mrudula Gadre

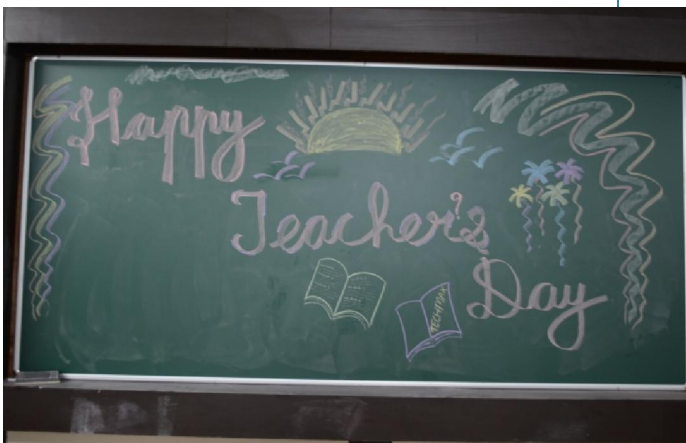**Joint Treasurer:** Anuja Kothekar

Technical Head: Sagar Raverkar

Joint Technical Head: Aditya Kulkarni

Cultural secretary: Avishkar Kalgutkar

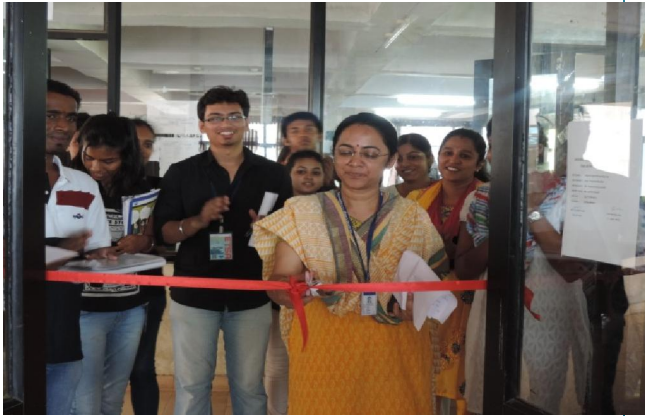**Joint Cultural secretary:** Sairaj Pawar

L.R.: Chaitali Chitodkar

Teachers' Day Celebration

(5th September 2014)

The students of ETSA organized Teachers' Day by conducting lectures for SE and TE students.

Technotantra 2014
(29th-30th September 2014)

Electronics and Telecommunication Department of Saraswati College of Engineering conducted technical fest 'Technotantra'. Keeping in minds the techno freak side of the students, through this fest an opportunity has given to them to showcase their skills and knowledge,

Objective: To motivate students to develop their technical skills and to bring about a higher level of interaction between the technology and academia.

Staff coordinator: Prof. Pooja Rane

Students Co-ordinator:
Shashank Shirke
Sagar Raverkar
ETSA Committee

Events:
1) Blind Coding
2) Aap Engineer Ho
3) Colesium
4) Laser Dart
5) I am Sherlock
6) Drive Me Out
7) Sell your Product

Robotics workshop

(25th and 26th October 2014)

A technical event was organized in the EXTC department by ETSA in coordination with *IIT Bombay,* under the guidance of Mr. Kelvin and Mr. Mitesh to inculcate the basics of robotics in the young engineers. All the other colleges were invited to participate in the event. They were also given a platform to demonstrate their talent with the self built robots and the winners will further be proceeding for the International level competition.

Coordinators:

Prof. Pooja rane

Prof. Priyanka Birajdar

Student Coordinators:

Shashank Shirke

Sagar Raverkar

Winners:

Bhavesh (Terna COE)

Nitin (Terna COE)

Harsh (Terna COE)

Priyanka (Terna COE)

Industrial Visit

Destination- Corbett

Date: 20th December 2014

Class: T. E. and B. E.

Industry visited Bharat Sanchar Nigam Limited (BSNL).

Destination- Ramnagar, Uttarakhand

Date: 30th Dec 2013

Class T.E.

Industry visited: Delta Electronics

Coordinator:

Prof. Vijay Kapure.

Achievements...

➤ Students Achievement:

Toppers for the academic year 2013-14

Toppers of ME (Sem II)

1. SEKAR MANOSHA
2. HUKKERI RASHMI
3. RAKATE DIPALI

Toppers of BE (Sem VIII)

1. VANKHEDE VRUSHALI
2. CHAVAN NEELAM
3. RANE PRERANA

Toppers of TE (Sem VI)

1. SHIRKE SHASHANK
2. SHARMA SANGEETA
3. GOLE AKASH

Toppers of SE (Sem VI)

1. SHIRSAGAR POOJA
2. LANDE SHEETAL
3. MANE KIRAN

➤ Placement:-

We proud and glad to notify that our 7 final year students have been placed.

Sr. No.	Date	Name	Company	Package
1	11/10/2014	Umaira Shaikh	HP	3.6 Lac pa
2	11/10/2014	Rohit Yadav	HP	3.6 Lac pa
3	11/11/2014	Shashank Shirke	Mouthshut	3.2 Lac pa
4	11/11/2014	Sanket Gadge	Mouthshut	3.2 Lac pa
5	13/11/2014	Sanket patil	Mindcraft	2.75 Lac pa
6	13/11/2014	Mithil Mane	Mindcraft	2.75 Lac pa
7	13/11/2014	Ravi Gupta	Mindcraft	2.75 Lac pa

➤ Staff Activities /Achievements:

We are proud to notify that our faculties have successfully completed their M.E. courses.
1. Prof. Bhoomi Patil completed her M.E.
2. Prof. Vijay Kapure completed his M.E.
3. Prof. Pallavi Kharat completed her M.E.
4. Prof. Jyotsna Patil completed her M.E.
5. Prof. Rajashree Narwade completed her M.E.
6. Prof. Megha Pande completed her M.E.
7. Prof. Sarita Kale completed Her M.E.

➤ Conferences / Papers Published:

[1] Mandeep Kundhal presented paper on 'An overview on data security and privacy in Wireless body area networks' in ICAST 2014.

[2] Umesh Pinjarkar presented paper on 'A FWM effect on BER in WDM optical communication system with binary and duo binary modulation formats' in ICAST 2014.

[3] Jyotsna Patil presented paper on 'Image Denoising by Bilateral, BM3D and ICA' in ICAST 2014.

[4] Snehal Barge and Bhoomi Patil presented paper on 'Multisession Multicasting based on OFDMA & MIMO' in ICAST 2014.

[5] Savita Nair presented paper on 'A Review Paper on Comparison of Multipliers based on Performance Parameters' in ICAST 2014.

[6] Kanchan Dhuri, Sheetal Bhujade presented paper on 'ICI Reduction in Femtocell Network with CASFR Algorithm' Parameters' in ICAST 2014.

[7] Sneha Lonkar presented paper on 'Design of optimal MLP NN for speaker dependent spoken words recognition' in ICAST 2014.

[8] Pooja Rane and Dr. Manjusha Deshmukh presented paper on 'Drowsiness Detection in Drivers: A Review' in ICAST 2014.

[9] Liji Sreeniwasan presented paper on 'Fiber Optic Biosensing' in ICAST 2014.