

**Sandip Foundation's**  
**Sandip Polytechnic, Nashik**  
**Annual Report (2011-2012)**  
**Department of Electronics and Telecommunication**

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- **Objectives of the department :-**

Sharing and transferring the knowledge to the students and to motivate them to do ethical practices in engineering to serve the nation and society.

- **Strength :-**

- 1) Fully Equipped laboratories.

- 2) Dedicated Staff members.

- 3) Obedient Students.

- 4) LCD projector in each class.

- 5) Regular internal tests and feedback system to improve result.



## **One week PCB Designing program**

**Organized by** :- EJ Dept

**Dates** :- 12/9/2011 TO 17/9/2011

**Time** :- 3.15 to 5.15 pm

**Chief guest** :- Prof. P.N. Patil , Prof. S.A.Shukla

**Resource Faculty** :- 1) Mr. Arjun kapile, Mr. Abhinav Dongmane

**Venue** :- Internet Lab(Computer Dept)

### **About programs:-**

Program consists of introduction of PCB design,PCB packages,PCB rules and standard ,Introduction with PCB designing software like Protel 98.PCB designing by protel98 software, concept of single and double sided PCB and their designing .major steps in PCB designing. On last day of program ,Distribution of certificates was done by principal Prof. P.N.Patil and HOD Prof. S.A.Shukla .



## **Expert Lecture on "Global Positioning system (GPS )"**

**Organized by** :- EJ Dept

**Date** :- 9/9/2011

**Time** :- 12.30 to 3.00 pm

**Chief guest** :- Mr Shankar Narayanan, Prof.P.N.Patil ,Prof.S.A.Shukla,

**Resource Faculty** :- Mr Shankar Narayanan

**Venue** :- Mechanical Drawing Hall

- **About programs:-**

In this program, Mr. Shankar narayanan had delivered lecture on modern GPS services. Main points of his lecture are What is GPS?, History of GPS , who owns GPS? Features of GPS ,how GPS can work?, application GPS in Surveillance area , aeronautics, Navy, Radar communication. Finally, program ended with question and answer session about GPS .



## **Expert Lecture on "5S"**

**Organized by** :- EJ Dept

**Date** :- 17/9/2011

**Time** :- 11.00 am to 1.00 pm

**Chief guest** :- Mr.Prasad Zende , Prof.P.N.Patil , Prof.S.S Raut

**Resource Faculty** :- Mr. Prasad Zende,Senior Engineer , Kirloskar oil  
Engine Ltd , Nashik.

**Venue** :- Mechanical Drawing Hall

### **About programs:-**

In this program,Mr. Prasad Zende had delivered lecture on "5S". Main points of his lecture are concept of "5S", standards,5s team model , 5s training awareness ,photo point model,5S System Standard for M/s KOEL, LE Plant ,Toyato plant Japan model. Finally lecture ended with question and answer session about 5s .



## **Expert Lecture on "New trends in electronics Industry "**

**Organized by** :- EJ Dept  
**Date** :- 8/10/2011  
**Time** :- 11.00 am to 1.00 pm  
**Chief guest** :- Mr. Sanket Karlekar ,Prof.P.N.Patil , Prof.S.A.Shukla,  
**Resource Faculty** :- Mr. Sanket Karlekar, Deputy Design Manager  
Crompton Greaves , Nasik.  
**Venue** :- Mechanical Drawing Hall

### **About programs:-**

In this program,Mr. Sanket Karlekar had delivered lecture on "New trends in electronics Industry". Main points of his lecture are introduction with new technologies in electronics industries,What are expectation of industries from electronics engineers?,introduction with various advanced micro controller family, shared his work experience in ONGC ,Mumbai .Finally lecture ended with question and answer session regarding advanced micro controller .



## **Expert Lecture on " Stress Managment"**

**Organized by** :- S.P.  
**Date** :- 05/12/2011  
**Time** :- 11.30 am to 1.30 pm  
**Chief guest** :- Mr. G. U. Shrinivar ,Prof. P. N. Patil ,  
Prof. P. I. Patil, Prof. A. M. Chincholkar.  
**Venue** :- SITRC Computer Seminar Hall

### **About programs:-**

In this program, Mr .G.U. Shrinivar had delivered lecture on "Stress Management ". Main points of his lecture are introduction with "Stress" ,importance of stress management ,how Stress can be dangerous for human health , how Stress can be released in daily scheduled, advantageous of 10 minute Yoga ,Meditation , importance of positive attitude.



## Industrial Visit to "GMRT" by TY EJ students

**Organized by** :- EJ Dept  
**Date** :- 2/9/2011  
**Time** :- 11.00 am to 3.00 pm  
**Venue** :- Giant Meter Radio Telescope (GMRT),Narayangoan.

### **About programs :-**

Main points covered in this visit are history of GMRT,structure of GMRT,specification like antenna size,antenna power consumption , range,bandwidth of antennas present in GMRT,automatic rotation of Antenna as per target detection , software and hardware related to GMRT, how to study planets ,new galaxy with help of GMRT, study of one of feed antenna among 17 antennas.



## **Industrial Visit to "Amps Electronica" by SY EJ students**

**Organized by** :- EJ Dept

**Date** :- 12/8/2011

**Time** :- 12.30 pm to 3.00 pm

**Venue** :- Amps Electronica , Nashik

### **About programs:-**

Firstly ,Mr. Phalsankar had given lecture about theory related to electronics components present in their company and concept of power electronics .After that Mr Sanjay Suryavanshi told about PCB designing ,automatic components placing and soldering, different specifications of electronics components such as capacitor ,inductor ,about CFL production , inverter production,temperature capability of company products.





### Three days program on “Embedded system”

**Organized by** :- EJ Dept

**Dates** :- 4/2/2012 TO 6/2/2012

**Time** :- 9.00 am to 5.00 pm

**Chief guest** :- Mr. Pravin P. Ambekar , Prof. P.N. Patil ,  
Prof. S.A.Shukla (HOD EJ)

**Resource Faculty** :- Mr. Pravin P. Ambekar and his team

**Venue** :- Internet Lab(Computer Dept)

#### **About programs:-**

Program consists of Basic concept of Embedded system ,Design of program burner circuit , Keil software and flash software ,Design of water level controller, traffic signal system ,timer etc . On last day of program ,Distribution of certificates was done by principal Prof. P.N.Patil and Mr. Pravin P. Ambekar and Prof. S.A.shukla .



## **Expert Lecture on "Interview Techniques"**

**Organized by** :- EJ + IF Dept

**Date** :- 11/2/2012

**Time** :- 11.15 am to 1.15 pm

**Chief guest** :- Mr. U. K. Handa , Prof. S. A. Shukla, Prof. U. O. Agrawal

**Resource Faculty** :- Mr. U. K. Handa, General Manager  
Suyojit Infrastructure , Nasik.

**Venue** :- Mechanical Drawing Hall

### **About programs:-**

In this program, Mr. U.K. Handa had delivered lecture on "**Interview techniques**". Main points of his lecture are introduction to primary things regarding interview ,do's and don't about interview, communication skills, personality development ,positive thinking .Finally lecture ended with question and answer session on interview.



## **Expert Lecture on "Stress Management"**

**Organized by** :- EJ + IF Dept  
**Date** :- 10/2/2012  
**Time** :- 11.15 am to 1.15 pm  
**Chief guest** :- Mr.Shirsolkar ,Prof. S.A.Shukla, Prof.U.O.Agrawal  
**Resource Faculty** :- Mr. M. Shirsokar  
**Venue** :- Mechanical Drawing Hall

### **About programs:-**

In this program, Mr .M. Shirsolkar, had delivered lecture on “Stress Management ”. Main points of his lecture are “What is Stress” ,importance of stress management , how stress affect the efficiency ?, stress management techniques, how Stress can be released in daily scheduled,importance of Yoga ,Meditation. Finally lecture ended with question and answer session.

## Three days Workshop on “EDP”

<b>Organized by</b>	:- S.P
<b>Dates</b>	:- 27/01/12 to 29/01/12
<b>Time</b>	:- 9.00 am to 5.00 pm
<b>Chief guest</b>	:- Mr. Digvijay Kapadiya, Prof. P.N. Patil, Mr. A. Chandak ,Mrs. Mohini Patil, Prof. S.S. Raut
<b>Resource Faculty</b>	:- Mr. A. Chandak and team, MCED
<b>Venue</b>	:- Computer Dept. seminar Hall SITRC.

### **About programs:-**

Program consists of guidance to the students regarding time management, various schemes available for the students who wish to become an entrepreneur. A industrial visit is also organized to give the finishing touch to conclude the program successfully.