

SANDIP FOUNDATION

(Nashik Campus)

**SANDIP**

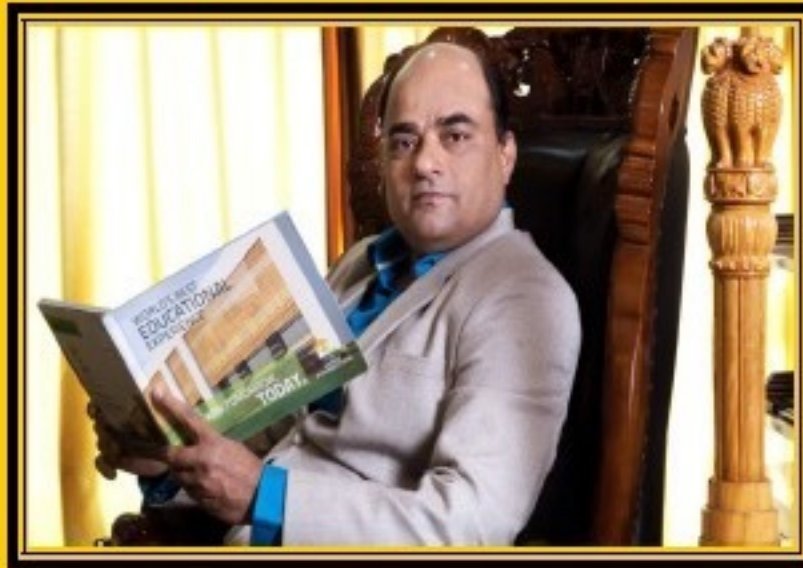
**E-BULLETIN**



NOVEMBER 2016

*SANDIP INSTITUTE OF  
ENGINEERING &  
MANAGEMENT*

## MESSEGE FROM THE CHAIRMAN



Sandip Foundation was established in 2005 with a vision of creating an education system from which the leaders of tomorrow emerge. Since our inception we have been aware of our strengths, motives and goals which we have set out to achieve.

When we embarked on this journey, all we had was a dream and the tools of foresight and strategy. We combined these forces to pave a path of growth towards excellence and merit. Today it is our endeavour to be the most competitive institution in the country with emphasis on efficiency in everyday operations, reliability for students and thrust on discovery and development of new technologies.

We are an organization that combines the latest developments in the field of education with our scientific and operational skills to create an environment which nurtures and encourages the aspirations of students. It is our aim that the combination of these factors along with the state of the art infrastructure and a dedicated teaching staff will provide an impetus to the Indian educational system as a whole.

Our first campus is set up at Nashik, Maharashtra where the college building is spread across a 200 acre area. Keeping pace with the times, the campus is Wi-Fi enabled. To ensure the complete educational experience, laboratories with the latest tools and machinery are provided along with a comprehensive library with RFID technology, a computer centre with complete internet connectivity a wholesome cafeteria, all set up in a green environment to give our students the most healthy and pleasant experience as they embark and pursue their professional goals.

What does an International quality Education system consist of? That is the question we asked ourselves when we set out to build this Foundation. India as a country has no problem with unemployment but there are institutions which churn out a large number of unemployable students. Should we consider ourselves an exception to this? The search for the answer has resulted in the faculty and staff to come up with innovative methods in teaching to construct new knowledge in the classroom. Our motto is to always give our students the best of what is happening in and around so that they are always at the cutting edge of academics the world over.

The cultural aspect has always been a strong-point of our College as it has an acknowledged role in moulding the personality, teaching soft-skills, developing leadership and management abilities and strengthening the EQ. Extra-curricular activities, participation in sports and other cultural activities has now become universal contributing to all-round formation which is much needed in the world today.

Finally we look to create an Alumnus for inspiration and support so that our students have wonderful role models to emulate. Our faculty and students remain focused on a quality of education that is not just a college degree but a way of life.

**Dr Sandip Kumar Jha**  
**Chairman**  
**Sandip Foundation**



**DR. M. P. RAY**  
**PRINCIPAL, SIEM**



**N. L. BHIRUD**  
**DEAN ADMIN**



**A. S. DUBE**  
**DEAN ACADEMICS**



**D. P. PATIL**  
**HOD, E&TC**



**DR. S. B. CHANDGUDE**  
**HOD, MECHANICAL**



**K. C. NALAVADE**  
**HOD, COMPUTER**



**DR. D. P. KADAM**  
**HOD, ELECTRICAL**



**K. L. BIDKAR**  
**HOD, CIVIL**



**R. J. NAYAK**  
**HOD, FIRST YEAR**

**INDUSTRIAL VISIT AT  
NARANG COLD STORAGE PLANT**

**SATPUR MIDC, NASHIK**

**(BE MECHANICAL- REFRIGERATION AND AIR CONDITIONING)**

**COORDINATORS:**

**PROF. RAM DESHMUKH, PROF. S.M.MAHAJAN AND PROF. AMOL LOKHANDE**



**THE OBJECTIVE OF VISIT WAS TO OBSERVE THE ACTUAL WORKING PROCESS AND EXTEND THE ACADEMIC KNOWLEDGE ABOUT COLD STORAGE AND ICE PLANT.**

*AN INDUSTRIAL VISIT AT*  
**BILL INDUSTRIES, AMBAD MIDC, NASHIK**  
*(OWNERS: MANDEEP SINGH KOHLI & HARDEEP SINGH KOHLI)*  
*FOR*  
**THE MECHANICAL STUDENTS (SUBJECT: HYDRAULIC AND PNEUMATICS)**  
*COORDINATED BY:*  
**PROF A S MAHESHWARI , PROF A P PATIL**  
**PROF S MAHAJAN, PROF B M DUSANE**



*DETAILS:*

Bill Industries is one of the supplier of all types of sheet metal parts to Mahindra & Mahindra Ltd in Nashik which was established in 1994.

The company basically procure the sheet metal in the form of Cut To Length (CTL) sheets of D , DD & EDD grade material from authorised companies suggested by Mahindra like TATA STEEL, ESSAR etc. Generally 0.7 mm to 1.5 mm thick sheet metal is used for the outer skin panels of Mahindra Bolero vehicle.

To fulfill the all requirements of mahindra, Bill industries regularly conduct all quality control techniques along with Audit after every six months. Hydraulic as well as Pnuematic Presses are installed in two different sections of floor.

AN EXPERT LECTURE ON  
"EXPERT LECTURE ON ENERGY AUDIT  
& MANAGEMENT"

BY

MR. AJITKUMAR DATAR (CERTIFIED ENERGY AUDITOR, B.E.E.)

MRS. ASHA DATAR

CONDUCTED FOR ELECTRICAL & MECHANICAL ENGG. STUDENTS

**Objectives:**

- Students learned the meaning of energy audit and Management
- how energy auditing is to be done
- practical aspect of energy auditing
- career opportunities in Energy Audit and management
- energy audit & its reporting
- energy conservation in Boiler and Compressor and other machines



AN INDUSTRIAL VISIT AT  
**FAIRDEAL TRANSFORMER, AMBAD , NASHIK**  
FOR  
**S.E. ELECTRICAL (SUBJECT: MATERIAL SCIENCE)**  
COORDINATOR

**PROF. VIKRAM PATIL, PROF. JOYDEEP SARKAR, PROF. DINESH MALKHEDE**

**OUTCOMES:**

- Students were informed about materials used in transformer manufacturing
- Various insulators used in the transformers
- Various voltage levels at which transformers are manufactured
- Manufacturing processes & systems used in the company
- Industrial safety issues
- various testing done on transformers





AN INDUSTRIAL VISIT AT  
**S.B ELECTRICALS, AMBAD ,NASHIK**  
FOR  
T.E. ELECTRICAL  
COORDINATOR  
PROF. VIKRAM PATIL, PROF. JOYDEEP SARKAR

OUTCOMES:

- Students were informed about materials used in motor manufacturing
- Various conductors used in the motors
- Various voltage levels, power levels considered for designing motor windings
- Manufacturing processes & systems used in the company
- Motor overhauling & rewinding process
- Various testing done after motor maintenance is carried out.



AN EDUCATIONAL VISIT AT  
**ROOF TOP SOLAR POWER PLANT (SIEM)**

FOR  
*S.E. ELECTRICAL (POWER GENERATION TECHNOLOGY)*

COORDINATOR

*PROF. JOYDEEP SARKAR, PROF. R.K. HARSHVARDHAN*

EXPERT

*KARAN TEMBIRE (B.E. ELECTRICAL)*

**OUTCOMES:**

- Students were informed about materials used in PV System
- Various components of complete PV system
- Types of Silicon crystals & their identification
- Ratings & related calculation
- Battery unit connected to PV system



# FOUR WEEKS INDUSTRIAL TRAINING PROGRAM ON VEHICLE DESIGN & DEVELOPMENT

EXPERT SPEAKER  
MR. SANDIP KUMAR  
MR. RAJENDRA WADHAWE  
MR. VINAYAK WAGHCHAURE

During these Four weeks workshop, the experts covered various areas of Vehicle Design and Development such as:

- |                        |                      |                         |                    |
|------------------------|----------------------|-------------------------|--------------------|
| § Airbag Container     | § Spare Wheel Recess | § Electronic Connectors | § Molded Seats     |
| § Gear Shifter Console | § Door Panels        | § Tires                 | § Bumpers          |
| § Front End            | § Oil Pan            | § Head Lamps            | § Engine Cam Cover |
| § Engine Mounts        | § Air Intake         |                         |                    |



*TWO DAYS NATIONAL LEVEL WORKSHOP ON*  
**QUADCOPTER : THE UAV**

EXPERT SPEAKER

MR. KULKARNI, RUTVIJ PLASTICS, NASHIK

MR. KHANDBAHALE, K.S.TOOLS, NASHIK



# 45 DAYS VALUE ADDED PROGRAM ON PLC & SCADA SYSTEMS

ORGANIZED BY  
TAACT (NASHIK)

## Objectives:

- Initiate the basic links towards automation
- Ideas regarding contact/relay logic
- hands on operations on kit to experience switching operations
- PLC programming
- SCADA visualization



A ONE DAY WORKSHOP  
"COMPUTER FORENSICS AND CYBER  
SECURITY"

BY  
MR. TANMAY DIXIT AND MR. PARESH CHITNIS  
CPAG, NASHIK





असतो मा सद्गमय ।  
तमसो मा ज्योतिर्गमय ॥

# SANDIP FOUNDATION



ONLY FOR PRIVATE  
CIRCULATION

[www.sandipfoundation.org](http://www.sandipfoundation.org)

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