



**Sandip Foundation's**  
**Sandip Institute of Engineering &**  
**Management,**  
**Mahiravani, Trimbak Road, Nashik**

**SEMA**

**E-BULLETIN**

*JANUARY 2018*



# PRINCIPAL'S MESSAGE



On behalf of the Management, Faculty and Staff of SIEM, it is an honor to welcome you to this prestigious institution.

We at SIEM are strongly committed to provide quality technical education to our students. Now what does quality consists of? Is it mere state-of-the-art laboratories and a well-furnished classroom? Or does it also involve the proactive participation of teachers and students alike? These are some of the questions we asked ourselves before embarking on this journey. In the ensuing years, our Faculty took up this task seriously, of trying to understand what international quality means and of taking the effort to make this a reality. Of course, we laid emphasis on educational infrastructure with laboratories, libraries and other resources for teaching. Nevertheless, the core of our efforts centered on applying innovative methods to our teaching-learning and evaluation, in spite of the large numbers we deal with. If our students do not pick up the skills of analysis and critical thinking, all the memorization and reproduction they may achieve in this Institution will be in vain in the global culture and economy. It is our belief that every student has an unending storehouse of talent and when nurtured properly, we can help bring out the best in that individual.

The approach of the Institution is holistic. It has called for learning methods that are more demanding on both the professor and the student. It has led to a renewed emphasis on research for faculty and on initiating a taste for research among students. The monitoring of this process by the Heads of the Departments and by the Academic Administrators, in order to encourage good practices and to evaluate their effectiveness, gives hope of a renewal of academic culture on campus.

I want to congratulate you and wish you the best on this journey. It is our assurance that at SIEM you will emerge as tomorrow's leader, today.

**Dr.R.V.Kshirsagar**  
Principal

# Editor's Take

## **SOME BEAUTIFUL WATERFALLS IN INDIA**

### **1. Jog Falls**



Jog Falls is created by the Sharavathi River dropping 253 m (830 ft), making it the second-highest plunge waterfall in India. It is located on the border of Shimoga and Uttara Kannada districts of Karnataka.

### **2. Dudhsagar Falls**



Dudhsagar Falls is a four-tiered waterfall located on the Mandovi River in the border of the Indian state of Goa and Karnataka. Dudhsagar Falls is having a height of 310 m and an average width of 30 metres

### 3. Nohsngithiang Falls



Nohsngithiang Falls (also known as the Seven Sisters Waterfalls) is a 7-segmented waterfall located at Mawsmmai village in East Khasi Hills district in the Indian state of Meghalaya. The water falls from a height of 315 metres and has an average width of 70 metres

### 4. Soochipara Falls



Soochipara Falls also known as Sentinel Rock Waterfalls is a three-tiered waterfall in Vellarimala, Wayanad, India. The Sentinel Rock Waterfalls is 200 metres and offers a cliff face that is used for rock climbing.

## 5. Bhagsunag Waterfall



Bhagsunag Waterfall is a scenic 20m waterfall located 1 km from Bhagsunag Temple, Mcleodganj, Himachal Pradesh.

## 6. Hebbe Falls



Hebbe Falls are situated at hill station Kemmangundi in Karnataka, India. This waterfall is inside a coffee estate and can be reached either by walk or four-wheeler. Hebbe Falls gushes down from a height of 551 ft in two stages to form Dodda Hebbe (Big Falls) and Chikka Hebbe (Small Falls.)

## 7. Chitrakote Falls



The Chitrakoot Falls is a natural waterfall located to the west of Jagdalpur, in Bastar district in Chhattisgarh on the Indravati River. The height of the falls is about 29 metres (95 ft). It is the widest fall in India. Because of its width, it is often called the Niagara Falls of India

## 8. Bhimlat falls



Bhimlat falls can easily be called an oasis in the land of desert. Located in Bundi. The water falling from a height of 60 meters and making its way into the sea green lake on the foothills of falls, the phenomena looks absolutely stunning with green woods beautifying a side of falls.

## **SUCCESS STORY:**



--- Heartiest Congratulation, SIEM Awarded with

### ***“ISTE BEST CAMPUS (ENGINEERING) AWARD 2018”***

by Indian Society for Technical Education (ISTE), Maharashtra–Goa Section

--- Heartiest Congratulation to Principal SIEM for being nominated for the

### ***“ISTE's BEST TEACHER (ENGINEERING) AWARD 2018”***

of ISTE, Maharashtra–Goa Section.

# ***Campus Placement Drive by Konark Engineers***

**Event Date:** 11th January 2018

**Event Venue:** Mechanical Engineering Department

**Event Resource Person Details:** Mr. Nitin Dhage (Director), Mrs. Trupti (HR Manager)

**Name of Event Coordinator:** Prof. Prasad P. Kulkarni, Prof. N. N. Sarode, Prof. S. S. Pote

**Total Student for the Campus Drive:** 49







## ***Expert Lecture on “How to Prepare for Interviews”***

**Event Date:** 23<sup>rd</sup> January, 2018

**Event Resource Person Details:** Mr Ajinkya Nichit Production Engg, Mahindra Sona Ltd, Nasik

**Name of Event Coordinator:** Prof (Dr) Dipak Patil

**Expected Audience:** T.E Students.

**Number of Students:** 55

### **Event Objectives & Outcomes:**

- Mr Ajinkya Nichit explained students the appropriate method of Resume writing and relevant information which should be mentioned so as to make your resume stand out from others.
- He also encouraged the students to focus on Patents, publishing papers in International Conferences and improvement of Communication Skills
- He discussed about the dress code and asked the students to research about the organization in which you are willing to seek the job
- Students asked their various queries regarding the academic criteria, probable questions regarding technical & non-technical skills which could be interrogated during the interviews.





# ***Expert Lecture on “Need of Today's IT generation”***

**Event Date:** 9<sup>th</sup> January 2018

**Event Resource Person Details:** Mr. Kiran Pawar, Founder Director KP- Technobricks Training & Solution, Nashik

**Name of Event Coordinator:** Prof P P Chaudhari

**Expected Audience:** S.E & T.E Students

**Number of Students:** 100

## **Event Objectives & Outcomes:**

- Mr Kiran Pawar guided the students regarding job opportunities in IT sector for Electronics & Tele Communication branch.
- He also appealed the students to develop a command over software languages along with hardware in order to survive in the competitive market.
- He explained the various concepts of Java, advanced Java and open source codes.
- Students asked their various queries .regarding programming languages.







# ***Expert Lecture on Interview Skill & Techniques***

**Event Date:** 12th January 2018

**Event Conduction Duration:** 3.40 pm to 5.30 pm

**Event Venue:** Civil Engineering Seminar Hall

**Event Resource Person Details:** Mr. G. J. Kulkarni (Exe. Assitant to Managing Director, CTR Manufacturing Ltd., Pune)

**Name of Event Coordinator:** Prof. P P. Kulkarni, Prof. S. S. Pote & Prof. N. N. Sarode

**Event Objective & Outcome:**

- To understand various skills & techniques of interviews.
- To develop the basic Industrial Manners.
- To get a insight of various fields of today's industries.

**Total Student for the workshop:** 62





# ***Motivational Talk on Career Development (MPSC)***

**Event Date:** 13th January 2018

**Event Resource Person Details:** Mr. Vivek Dhande (1st Rank in MPSC's Excise Inspector Exam from Maharashtra State)

**Name of Event Coordinator:** Prof. P P. Kulkarni, Prof. S. S. Pote & Prof. N. N. Sarode

**Event Objective & Outcome:**

- To guide students for Civil Services Examination.
- To motivate students for career development.
- To create positive attitude among students.

**Total Student for the workshop:** 41





# ***Expert Session***

## ***T&P and Carrier Guidance***

**Event Date:** 13/01/2018

**Event Resource Person:** Prof. Kishor Badhane

**Name of Event Coordinator:** Prof. P M Desai

**Number of Students:** 38 students of TE & BE

**Lecture Objective:**

To make the students aware about Engineers

**Lecture Outcome:** Student get the knowledge about the different carrier opportunities in private as well as government sector. Also they get the knowledge about how they should plan for higher education and works as government contractor and information about different opportunities for Electrical engineers.





# Motivational Talk on Career Development

by  
**Mr. Hemant Patil**

**Event Date:** 18/01/2018

**Venue:** Department of Mechanical

**Resource Persons: Mr Hemant Patil**

Flat no 1, VrundavanSociety(Umang plaza),Near Ambad Police Station,, Opp Nikita MangalKaryalay, Shinhasth Nagar, Nashik-422009, Nashik, Maharashtra INDIA

**Event Coordinator:** Prof. C. R. Patil

**Number of Students:** 115 students of B.E. Mechanical Engineering



## Objectives:

- Awareness about the Career development

**Outcomes:**

- Mr Hemant Patil was experts for motivational talks.
- This is a unique & creative organization which offers Vocational Training of the trades which are in demand, which is totally practical, oriented, designed as per the Market Requirement to make people Employable or to be self-employed.
- He discussed about various program related to career development like Student Re-engineering, Explore as an Entrepreneur, Engineering Future, How to invest the Capital etc.
- The training programmes are based on actual life experiences, and not just copied from the books, assignments really helps to clear the concepts,



## **FE TOPPER STUDENT FELICIATION PROGRAM**

***Department Name – Engineering Sciences & Humanities Department***

***Title of the event – FE Felicitation Program***

***Date of the Event - 01-02-2018***

***Event Coordinantor: Prof. Dr. T A Rajput***





**FE Toppers (A.Y.-2017-18)**

Sr. no.	Name of the student	Rank	SGPA
1	Gandhi Mrunal	1	9.72
2	Patil Ruchir	2	9.56
3	Waghmare Vaibhav	3	9.52
4	Jagtap Prajakta	4	9
5	Londhe Prasad	5	8.88

**Subject Toppers (A.Y.-2017-18)**

Subject	Name of the student	Marks (out of 100)
Engineering Mathematics-I	Gandhi Mrunal	91
Engineering Physics	Waghmare Vaibhav	84
Engineering Chemistry	Vendait Shubham	76
Basic Electronics Engineering	Gandhi Mrunal	81
Basic Electrical Engineering	Jagtap Prajakta Singh Aman	67
Basic Civil And Environmental Engineering.	Singh Aman	87
EG I	Gandhi Mrunal	95
FPL-II	Gandhi Mrunal Belge Mahesh Niketan Pawar	37

**Having Highest Attendance**

Sr. no.	Name of the student	Division	Attendance
1	Bandhe Prajakta	B-9	100.00%
2	Pote Riya	C-1	99.00%
3	Gaikwad Shiwani	C-3	99.00%



# ***Motivational Lecture on “How to form a habit of study”***

**Event Date:** 24<sup>th</sup> Jan 2018

**Resource Person Details:** Mr. Veer Vijay Singh

Founder & CEO of folks empowerment and re-engineering, Nasik, India

Author of: "*NO! This Book Won't Change Your Life*"

**Name of Event Coordinator:** - Prof. P.M. Sutar

## **7. Event Objective & Outcome: -**

The event was organized by Mechanical Engineering Student Association (MESA) to help students to prepare for their coming exams and to make them aware about a technique of forming a habit of study by a scientific method. Around 147 Students from BE and TE were present for the seminar.

**Outcomes:** Students were highly motivated as number of students approached the speaker after the program ended and the questions were asked to speaker regarding their personal queries for implementation of technique.





# HOBBY CLUB ACTIVITIES (ESH-Dept.)

## Sports Activity

It gives us immense pleasure to inform you that we have successfully conducted Sports activities under hobby club of first year department. Students have enthusiastically participated in various indoor and outdoor games like cricket, badminton, tennis, carom etc. They enjoyed the activity very much. The main purpose of this activity is to minimize the stress of the students and develop their athletic spirit. This activity has been scheduled from 8<sup>th</sup> Jan 2018 to 11<sup>th</sup> Jan 2018.



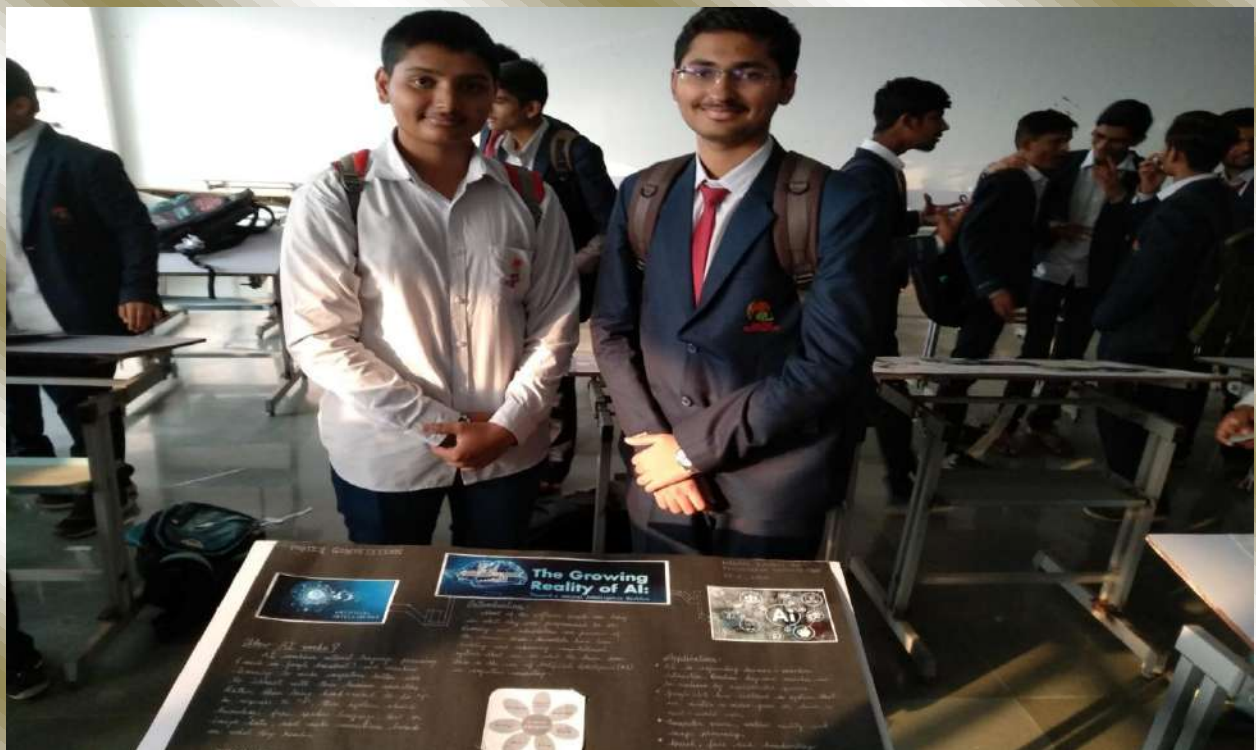


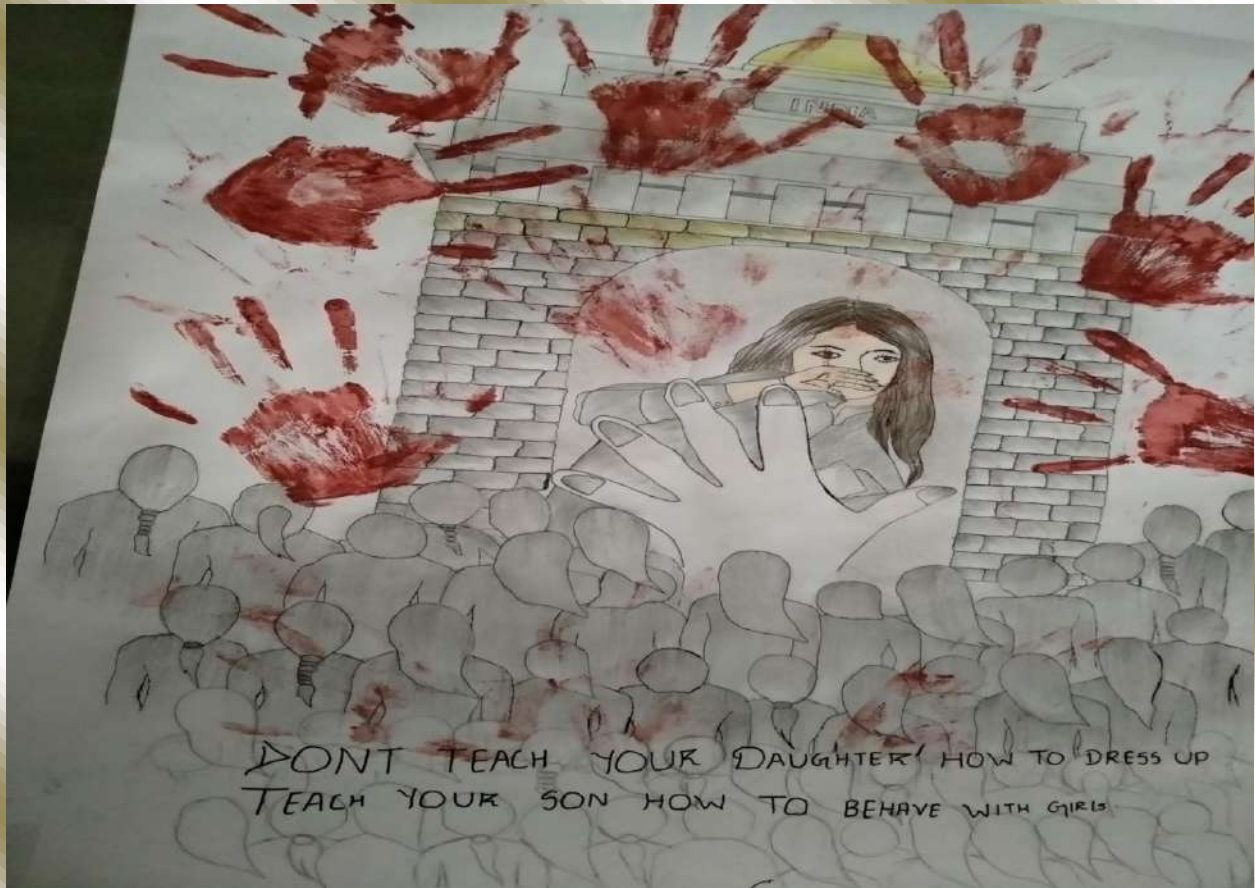
## HOBBY CLUB ACTIVITIES (ESH-Dept.)

### Poster Competition

In the second phase of hobby club we have planned and executed the Poster Competition .It is a good platform for our students to show their creativity and innovation. In this activity ,students has presented the posters on Ethical Hacking, Save Girl Child, Biography of Balasaheb Thakarey, Upcoming Technologies in Google ,The Growing Reality of AI (Artificial Intelligence),Indian Festivals, Against Rape Crime, Stop Drug Addiction, Global Warming ,Stop Caste Barriers, Save Mother Earth etc.







# Report on Drama Club Activity

## Introduction to Theaters/Drama

**Activity Date:** 10/01/2018

**Activity Venue:** Department of Electrical Engineering, SIEM

**Name of Activity Coordinator:** Prof. Rasika B.Pund

**Number of Students:** 23

**Activity Objective:** To give basic introduction about theaters and Drama Categories.

**Activity Outcome:** Students got idea about what is theater, Different Forms and parts of theaters, Basic Exercises and games related to drama were conducted to understand the "Kayik Abhinaya"





# REPORT OF ASTRONOMY CLUB

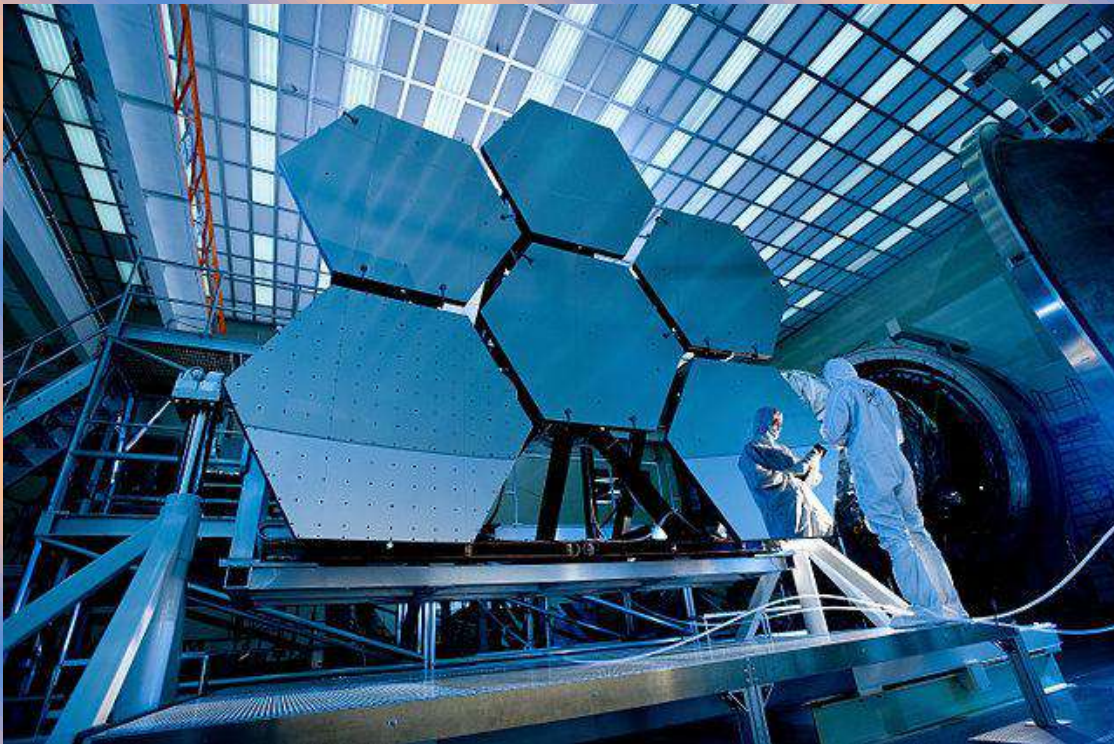
## Session on

### James Webb Space Telescope

**SPEAKER:** Runesh Kansara

**VENUE:** SIEM, NASHIK

**DATE:** 12/01/2018



The James Webb Space Telescope (JWST) is a space telescope developed in coordination among NASA, the European Space Agency, and the Canadian Space Agency. It is scheduled to be launched in 2019. The telescope will offer unprecedented resolution and sensitivity from the long-wavelength (orange to red) visible light through the mid-infrared (0.6 to 27 micrometer) range. The telescope will offer unprecedented resolution and sensitivity from the long-wavelength (orange to red) visible light through the mid-infrared (0.6 to 27 micrometer) range.



# **REPORT OF ASTRONOMY CLUB**

## **Session on**

### **Astronomy - A Passion & Technologies behind it**

**SPEAKER:** Jaydeep P Shah, Kalpana Youth Foundation, Nashik

**VENUE:** SIEM, NASHIK

**DATE:** 12/01/2018



#### **Few points of Discussion:**

- Awareness about Astronomy & Indian aspect
- Awareness about scientific apps useful for self development
- Awareness about Citizen Scientist
- Encouragement for working towards scientific goals
- Operation of Space telescopes



# Report of ASTRONOMY CLUB

## Telescopic Observation of Lunar Eclipse

**Event Title:** Lunar Eclipse Observation

**Speaker:** Mr. Nitin Dhawale

**Event Date:** 31/01/2018

**Event Conduction Duration:** 6 pm

**Event Venue:** Chandra Jyoti Astro Imaging & Observatory, Nashik

**Name of Event Coordinator:** Prof. Joydeep Sarkar (Electrical Engineering Dept.)  
Prof. Rahul Verma (Civil Engineering Dept.)





India along with North America, Hawaii, the Middle East, Russia, and Australia have witnessed a rare cosmic show by moon today. For the stargazers, the moon was 360,200 kilometers away at the peak of the eclipse, close enough for supermoon status. It's the first time in 35 years a blue moon has synced up with a supermoon and a total lunar eclipse.

Total Lunar Eclipse was visible in India with the moon glowing Reddish Brown. The total lunar eclipse in India started at 4:21pm IST though wasn't visible before 5:18pm IST when the partial eclipse actually began.

The partial eclipse ended at 8:41pm IST while penumbral eclipse ended at 9:38pm IST. This was the first 'Super Blue Blood Moon' (Supermoon) total eclipse in 150 years. After this year, the next time that a Blue Moon passes through Earth's umbra will be on December 31, 2028, and, after that, on January 31, 2037.



**Red Moon – Screen Image**



# **Dance Club Activity Report**

## **for SIEM Students**

***College Name - Sandip Institute of Engineering & Management***

***Department Name - Electrical Engineering***

***Title of the event - Dance Club Activity for SIEM Students***

***Date of the Event - 02-02-2018***

***Time of the Event - 03:10 PM to 05:30 PM***

***Description of the event :***

The program was organised by Dance Club, SIEM and conducted by SE(Electrical) Student Sushant Jadhav who is a trained dancer and choreographer. This lecture helped students to learn various forms of dance in each week sessions. Today, students learnt about the SALSA -DANCE form effectively..

**Staff Attended: (1) Prof. Roopali Patil**

**(2) Prof. Pallavi Jadhav**

**(3) Prof. Priyanka Hire**

**(4) Prof. Rashmi Lokhande**

**(5) Prof. Atul Verma**



# DANCE CLUB ACTIVITY

## SIEM STUDENTS

*College Name - Sandip Institute of Engineering & Management*

*Department Name - Electrical Engineering*

*Title of the event - Dance Club Activity for SIEM Students*

*Date of the Event - 02-02-2018*

*Description of the event :*

The program was organised by Dance Club, SIEM and conducted by SE(Electrical) Student Sushant Jadhav who is a trained dancer and choreographer. This lecture helped students to learn various forms of dance in each week sessions. Today, students learnt about the **Bollywood DANCE form** effectively.

**Staff Attended: (1) Prof. Roopali Patil**





# **Industrial Visit at Gauss Electromagnetics Pvt. Ltd., Nashik**

**Event Date:** 19/01/2018 10.00AM to 04:00PM

**Event Resource Person Details:** Mr. S.K.Sangle, Executive Engineer

**Name of Event Coordinator:** Prof. R. S. Patil

**About the Visit:** This visit was arranged for T.E. Electrical under the subject of Design of Electrical Machines. This visit was very helpful to the students for the understanding of design concepts properly.





# Industrial Visit at Motwane Manufacturing Co Pvt Ltd

**Event Date:** 12/01/2018 2 TO 4 PM

**Name of Event Coordinator:** Prof. Swapnil Kurkute

## About the Visit:

MOTWANE is a leading designer and manufacturer of high performance, high precision Electronic Test and Measurement Equipments in India. It is a company with strong In-House Research & Development capability and also has pan India presence and a strong Marketing & Sales Distribution Network to reach all its esteemed customers. Its products includes a general low voltage range for Industrial and other applications and special products for specific high voltage applications for Power Sector, Railways, Defense, Motor and Transformer Industry. Our third year student visited Motwane Manufacturing Co Pvt Ltd, Nashik for the enrichments of contents in subject such as Power Electronics, Mechatronics and Business Management.



## Outcomes of visit:

*Students have learned the working operation of following Equipments:*

1. SMD (Surface Mounted Devices).
2. TMT (Testing & Measuring) Instruments
3. HV (High Voltage & LV (Low Voltage) Devices.
4. Indoor Security System.
5. Designing of Software CAD CAM.



# ***Workshop on Soft Skills***

**Event Date:** 11<sup>th</sup> to 13<sup>th</sup> January 2018

**Event Conduction Duration:** 10.30am to 5.30 pm (Three Days)

**Resource Person Details:** Mr. Osden Dmello, Business Developer, Columbus IT & Management services, Mumbai.

**Name of Event Coordinator:** Prof. Prasad P. Kulkarni, Prof. S. S. Pote & Prof. N. N. Sarode

**Event Objective & Outcome:**

- To eliminate the confused state about their career from students mind & make them aware about the Goal setting in life.
- Students convinced & they contact to various faculties to take their guidance about career settings.

**Total Student for the workshop: 15**





असतो मा सद्गमय ।  
तमसो मा ज्योतिर्गमय ॥

# SANDIP FOUNDATION



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*by: Prof. J.sarkar*