

# E-MAGAZINE 2017-18

## Department of First Year Engineering



### Message from the H.O.D

#### Prof. Sonali Kanase

I am happy to note that the magazine brought out in our college is of good quality and taste. Hearty congratulations to the editorial team. It is a matter of great pleasure for me to go through the wonderful contributions made by the students. This magazine is intended to bring out the hidden literary talents in the students and the teachers and to inculcate leadership skills among them.

The outside world will come to know about the caliber of the students and the faculty through this magazine. I extend my thanks to all the contributors for their articles, poems and drawings.

#### ABOUT F.E. DEPARTMENT

The goal of the Department of First Year Engineering is to introduce students to the field of engineering by means of introductory courses in electrical, mechanical, civil, electronics and computer engineering. The department also trains the students in basic Sciences of Physics, Chemistry, and techniques of mathematics which enable them in tackling various problems in engineering and technology. To meet the essence of this goal, we have a team of **10 dedicated faculties** who constantly strive to impart quality education through close monitoring of the student's academics and self improvement. In those Faculties we have **PhD Holder, NET/SET Qualified** faculty and all are Master's in respective subjects. As a result of this **we stand among top Ten colleges in SPPU Pune** as far as FE results are concerned.

The department has well furnished laboratories with state of the art instruments. The total laboratories cost is Rs7,38,690/-It includes Engineering Physics Laboratory, Engineering Chemistry Laboratory, Department of Mathematics, Basic Electrical Laboratory, Basic Mechanical Laboratory and well furnished CAD-CAM and Computer Laboratories.

## EVENTS ORGANIZED BY F.E. DEPARTMENT

### 1. INDUCTION PROGRAM -2017

Induction Program was held on 2nd August 2017 at Ram Krishna more auditoriums. It was welcome Programme for the newly admitted students of First year Engineering 2017-18. All the Trustee members were present for the Induction Program.

In this program respected Principal Sir, Dr. Harish Tiwari informed parents about the academics rules and regulations of the Institute.



**2. Art of Living** Event was held on 4th August 2017 TO 9<sup>th</sup> August 2017. It was Programme for the newly admitted students of First year Engineering 2017-18 done for the Health awareness and increasing concentration.

In the Daily schedule we Started with the National Anthem.

To Cultivate the awareness of **physical exercise** and **Yoga** a daily 8 Min. Program executed for all first year students. In this Students perform some **Asana's** and **Pranayaam**, which has resulted in increase in concentration and has benefitted the Students in Their academic performances

### 3. Parent's meeting for parents of FE students.

Parent's meeting for parents of FE students was conducted on 16<sup>th</sup> Sept. 2017.

Prof. Mrs. Sonali Kanase (Head, Dept. of FE) presented the details of academics of FE, various activities and schemes conducted for students. Parents were given an overview of the examination structure of First Year and attendance of their wards needs to be at least 75% according to SPPU rules and regulations. Respected Principal Sir, Dr. Harish Tiwari informed parents about awareness regarding intellectual property rights and patents, an important part in student as well as society development.



**4. Poster Exhibition Nobel Prizes and Equations in Physics.** It was held on 23<sup>rd</sup> Sept 2017. It was an Activity Programme for the newly admitted students of First year Engineering 2017-18 done for the creativity and awareness.





**5. Study Success:** The guest lecture on ‘Study Success’ was organised By Dr. Patil Sir from **Manshakti Research Center**, Lonavala on 14<sup>th</sup> October 2017 for first year engineering students. Total 95 students had attended the valuable lecture. Dr. Patil had covered all the views about Study Success. He discussed the various tricks about study. The overwhelming response and the positive feedback from the students, leads to a conclusion that “Session” was a great successful event.

## 6. STUDENT ACHIEVEMENT:-

Inspired with the guidance session by our Principal Dr. H.U. Tiwari, one of our First Year Student **PRADNYESH MANE** filed patent on

“Adoptive plate for extension of butt plate assembly” and “Intermediate extension plate for butt plate assembly”.

Abstract-The part provides comfort to sports shooters by reducing stress on their backbone.

By providing extension to butt plate assembly the suppuration of neck and backbone can be achieved for the shooters having tall structure.

## 7. BEST PRACTICES

**Academics:** Academic Planning and Monitoring through well-organized Academic Structure. Enhancing the student’s creativity by arranging the different activities (Model making competition, poster presentation, NPTEL lecture series, Guest lecturers etc.) And concern for students through Mentor scheme. Healthy interaction with parents through parent meetings.

## 8. FIELD VISIT : Basic Civil & Environmental Engineering

Visited to Construction Site on the date 03/11/2017 PROJECT: Orabelle, Bhumi Infracon, Ravet. To observe the load transfer mechanism and type of structures in practices. To study provision of stairs case in residential building. To understand the various materials used in construction. To get foundation details of ongoing structure. To know the market prices of various units of building and materials used. Making groups of 20 students for visit in 3 days.



## 9. INSPIRATION & INTERACTIVE SESSION

The Lecture was held on 03<sup>rd</sup> Nov. 2017.

Chief Guest was invited for speech which inspired and motivated FE students For their better performance in theory examination.

Points covered by Prof. Vijay Nawale were Time Management, Effective Hours of study, Importance of practical & theory concepts , Use of reference books, How to write answer paper



## **First Year Engg. Toppers**



## **Art Circle Inspiring Creativity...**



# FIRODIYA EVENT



# EXPRESSION 2018













# GANESH IDOL COMPETITION

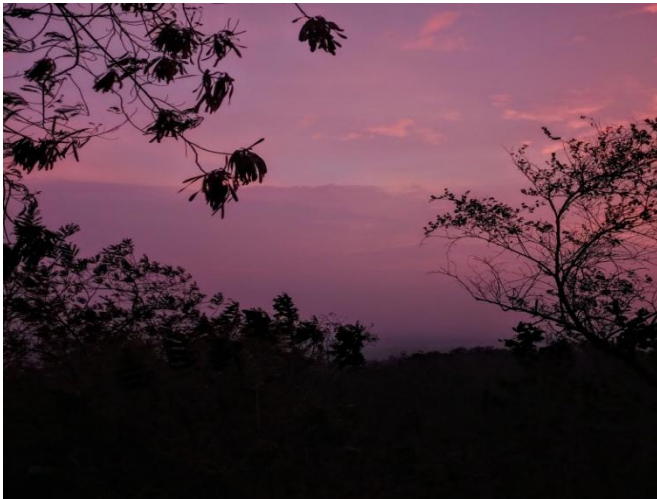


# MOOD INDIGO, IIT BOMBAY





# ART & CRAFT EXHIBITION



# QUIZ COMPETITION



# ANATAKASHRI



# FUN GAME





# MARATHI BHASHA DIN





**Abhijit Wayal First Year**



**Abhijit Wayal First Year**



**Department of First year Engineering**