



Ignite the imagination

IGNITION

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Department of
Mechanical
Engineering, College
of Engineering
(Poly.), Pandharpur

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Sebastian Thrun:

He (born May 14, 1967) is an innovator, entrepreneur educator, and computer scientist from Germany. He is CEO of the Kitty Hawk Corporation, chairman and co-founder of Udacity. He is currently also an Adjunct Professor at Stanford University and at Georgia Tech. Thrun led development of the robotic car (also known as a driverless car, self-driving car, robotic car) and unmanned ground vehicle is a vehicle that is capable of sensing its environment and navigating without human input. Autonomous cars use a variety of techniques to detect their surroundings,

such as radar, laser light, GPS, odometry and computer vision. Advanced control systems interpret sensory information to identify appropriate navigation paths, as well as obstacles and relevant signage. Autonomous cars must have control systems that are capable of analyzing sensory data to distinguish between different cars on the road. The potential benefits of autonomous cars include reduced mobility and infrastructure costs, increased safety, increased mobility, increased customer satisfaction and reduced crime..



“Confidence and hard work is the best medicine to kill the disease called failure. It will make you a successful person”.

-Dr.A.P.J Abdul Kalam

Departmental Achievements

- 01 - Staff completed his Ph.D.
- 04-Staff's are appearing for M.E. Program
- 18 - Students scored 100/100 in SOM & AMS subjects
- 03 – Staff members attended industrial training in various industries

Departmental Vision and Mission

Vision

To be recognized for excellence in mechanical engineering education reinforced by overall development.

Mission

To impart value based technical education enriched by knowledge and skill sets in Mechanical Engineering.

Message from the Head

Dear student friends,

It gives a very happy moment to put this 5th volume of **IGNITION**. First I wish you all “Happy Republic Day 26 Jan. 2018”. Last semester all of you participated in various events which were appreciable. So I expect now maintain the consistency in this semester by participation in MSBTE student oriented activities. So wish you all the best.

Prof. S.V. Kulkarni

EVENT ORGANIZED BY DEPARTMENT



CARRER GUIDELINES



WEBINAR ON DESIGN OF MACHINE ELEMENT

Training Programs / Publications

1. **Dr. N.D. Misal** – Our Principal awarded Doctor of Philosophy (PhD) in faculty of Engineering and Technology as Dr. N.D. Misal.
2. **Dr. N.D. Misal** - Published International research paper on "Experimental investigation of surface topography in photochemical machining of Inconel 718." Materials and Manufacturing Processes (2017): 1-8 (Taylor and Francis publication, SCI Journal, Impact Factor: 2.274)
3. **Mr. S.V. Kulkarni** — Published International research paper on "Effect of Mould Variation on Microstructure & Mechanical Properties of Casting during Solidification." a National Conference on Innovative Trends in Engineering & Technology NITET 2016-17 AGPIT.
4. **Mr. N.B. Jadhav & Mr. S.N. Khurd** — Attended one week FDTP on "Current trends in automobile engineering" from 8 Jan. 2018 to 12 Jan. 2018 Sponsored by MSBTE at V.V.P Malegaon, Baramati.

Participation in Competitions — Sport Events/ Technical Events

1. Mr.Bichukale Uttam Yedoba was winner in the event of Wrestling (70kg) in Zonal sports.
2. Mr.Chavan Shivraj Mahesh was winner in the event of Wrestling (97kg) in Zonal sports.
3. Mr.Bhise Baban Shivaji was winner in the event of Wrestling (125kg) in Zonal sports.
4. Mr.Navale Raviraj Bharat & Salve Atul Dadasaheb was runner up in the event of Wrestling (70kg & 74kg) in Zonal sports.
5. Mr.Bichukale Uttam Yedoba was runner up in the event of Weight Lifting (69kg) in Zonal sports.
6. Ms.Surve Sujata Mahadeo was runner up in the event of Kabaddi & Basketball in Zonal sports.
7. Ms.Attar Muskan Muktar was runner up in event of chess and kabaddi in zonal sports



Industrial Visits

For enhancing the practical knowledge of the Students Department of Mechanical Engineering arranges industrial visits. The visits are arranged in each semester as per the subjects in respective semester. **In last semester, the Students of second year visited.**

1. Kavitsu transmission Pvt. Ltd. Satara
2. Utkur Iron and Steel Industries, Satara
3. Vijay Pattern Works, Satara
4. Yadav metals and engineering works, Satara

In last semester, the students of third year visited.

1. S.G. Gears, Tembhurni
2. M.S.R.T.C. workshop, Solapur



EAC Camp/ CIP Workshop / Guest Lectures

Focusing on overall development of students, Department of Mechanical Engineering arranged various skill development activities like guest lectures, EAC, CIP etc.

1. A guest lecture on the topic- "Mechanical Engineering Material", was arranged. In this lecture Prof. Shinde R.M.(Assistant Professor Automobile Engg. Dept Rajarambapu Institute & Technology) guided the students of second year.
2. A guest lecture on the Topic "Non Destructive Test" related to the subject Mechanical Engineering Material was arranged. In this lecture Dr. A.A. Utpat (Professor at SVERI's COE

Pandharpur) guided the students of Third year.

3. A guest lecture on the topic "Career Guidelines" by Dr.P.M.Pawar (Dean Academic SVERI's COE Pandharpur) for third year students.
4. A guest lecture on the topic "Interview technique" for subject Professional Practice for second year students.



**GUEST
LECTURES**

MSBTE Result: - Winter 2017**Second Year**

Sr.No.	Students Name	% Marks
01	Ms. Surve Sujata Mahadeo	93.13
02	Mr. Satpute Ajit Babasaheb	92.13
03	Mr. Jadhav Ganesh Ajinath	92

Third Year

Sr.No.	Students Name	% Marks
01	Mr.Ghadage Vaibhav Rajmukar	91.22
02	Mr. Katkar Jaydip Kantilal	90.78
03	Mr.Choudhari Suyash Suresh	90.22

The students who scored 100 /100 in respective subjects**(STRENGTH OF MATERIAL)**

Sr.No.	Students Name	Marks
01	Mr. Khule Balkrishna Subhash	100
02	Ms. Surve Ashwini Nagnath	100
03	Ms. Surve Sujata Mahadeo	100
04	Mr. Babar Praphull Yuvaraj	100
05	Mr. Bhosale Atharva Chandrakant	100
06	Mr. Gondhali Prasad Prakash	100
07	Mr. Jadhav Ganesh Ajinath	100
08	Mr. Mulani Irfan Rashid	100

(APPLIED MATHEMATICS)

Sr.No.	Students Name	Marks
01	Ms. Dhole Rutuja Omprakash	100
02	Mr. Khule Balkrishna Subhash	100
03	Mr. Satpute Ajit Balasaheb	100
04	Ms. Surve Ashwini Nagnath	100
05	Ms. Surve Sujata Mahadeo	100
06	Mr. Gondhali Prasad Prakash	100
07	Mr. Ingole Raturaj Hanamant	100
08	Mr. Jadhav Ganesh Ajinath	100
09	Mr. Mulani Irfan Rashid	100
10	Mr. Raut Savta Parmeshwar	100

EDITORIL-

It gives me great pleasure to present Fifth volume of our departmental news letter **IGNITION** to you which gives us the opportunity to see the achievements of our Department. In this issue we have covered different activity carried out at the Department of Mechanical Engineering. Those activities include Training Programs, Entrepreneurship development Program (EDP), Project & Sport events etc. We are thankful to all the faculties & Students who have contributed for preparing this newsletter.

Prof. Y.D. Chavan