

SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK
Department of Mechanical Engineering



Technical Paper Presentation

05th February 2018

Name of Event: **Technical Paper Presentation**

Date of Event: **05th February 2018**

Resource Person: **Inhouse**

OBJECTIVES: –

- To identify the topics and methodologies that are currently used in Mechanical Field
- To identify the impact of the new challenges in Technology that implies technological and cultural globalization.

OUTCOME:

- **Development** of students **presentation skills, reading** habits, research abilities, **confidence**, technical **writing**, technical **skills** and self **learning awareness** among the students.

List of Participants

Sr. No.	Name of of Students	Name of Topic	Class
1	Rohit R.Raundal Jyotsna R.Suryawanshi	The Magnetic Repulsion Motor	TYME-B
2	Purushottam S.Jeughale	Emerging Trends in Automobile Engineering	TYME-B
3	Ketan R.Pitrubhakta Yatish S.Salve	Stand-360	TYME-B
4	Sagar N.Patil Suyog Y.Pawar	Smart Manufacturing Processes	SYME-A
5	Kaustubh N.Balve Raj M.Bag	Steam Turbine	SYME-B
6	Omkar V.Shahne Shantanu P.Wagh	Scram Jet	SYME-A

Technical Paper Presentation



SYME-B Students Presenting Technical Paper Presentation on Steam Turbine



SYME-A Students Presenting Technical Paper Presentation on Smart Manufacturing

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Technical Paper Presentation



TYME-B Students Presenting Technical Paper Presentation on Magnetic Repulsion Motor



Students Gathered For Technical Paper Presentation

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Name of Event: Value added course on “Geometric Dimensioning & Tolerances”

Date of Event: 23rd September 2017

Resource Person: Mr. Satish Maniyar, Director Techno-CAD

OBJECTIVES: –

- Translate geometric callouts into plain English with one meaning
- Explain the major rules found in ASME Y14.5-2009
- Explain the tolerance zones for the 14 geometric characteristics
- Understand the hierarchy of geometric tolerancing

OUTCOME:

- Students are able to Recognize proper application of GD&T
- Calculate geometric tolerances and boundaries

Participants: Second Year Mechanical Students.



Mr.Satish Maniyar Delivering Inaugural Speech to SYME Students

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Mini Project Competition

28th February 2018

Name of Event: **Mini Project Competition**

Date of Event: **28th February 2018**

Resource Person: **Inhouse**

OBJECTIVES: –

- To save our Nature by applying the concept environmental friendly concepts.

OUTCOME:

- Students able to Demonstrate Various *Project* ideas & *Project* Models that cover a number of issues relating to the natural *environment*.

Participants: Second Year Mechanical Students.



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Project Competition

05th March 2018

Name of Event: **Project Competition**

Date of Event: **05th March 2018**

Resource Person: **Sponsored by IEI**

OBJECTIVES: –

- To promote the interest of students in research methods .
- To gain experience of resolving an industrial problem.
- Impart practical aspects required for curriculum & technological advancement of mechanical engineering students.

OUTCOME:

- The team's ability to effectively convey to the audience their *project's objective*, approach and conclusion is weighted the highest in this *competition*. The judges comprising this *competition* from a wide variety of technology and industry backgrounds.

Participants: Third Year Mechanical Students.



समाजोपयोगी प्रकल्पांचे सादरीकरण

संदीप पॉलिटेक्निकमध्ये प्रोजेक्ट एविझिब्रेशन
 हर्षल भट, कॉलेज क्लब रिपोर्टर



संदीप फाउंडेशन संघलित संदीप पॉलिटेक्निकमध्ये सुरुवाती प्रोजेक्ट एविझिब्रेशनचे आवेदन करताना आले होते. प्राक्सिसकायदा मधील प्रोजेक्टची ओळख आरबी हा खासगील हेतू होत. इजिनियरिंगमधील नवनवीन संकल्पनांचा आधार घेऊन त्यावर करताना आलेले प्रोजेक्ट विद्यार्थ्यांनी सादर केले. संदीप पॉलिटेक्निकमध्ये मॅकेनिकल, इलेक्ट्रिकल आणि ई. अँड सीई विभागाच्या विद्यार्थ्यांनी यामध्ये साभाग पोलव.

इजिनियरिंगमधील संशोधन बापरून समनवीन प्रोजेक्ट बनवण्याकडे विद्यार्थ्यांनी प्रोत्साहन घेतले.

युमन सेफ्टी बँड ठरले आकर्षण
 यामध्ये मॅकेनिकल सुरक्षेच्या दृष्टीने विद्यार्थ्यांनी युमन सेफ्टी बँड प्रोजेक्ट सादर केला होता. यामध्ये विविध प्रकारचे सेमिंग डिकार्ड्स वापरण्यात आले आहे. हाताचा असलेल्या बँडवरील बटन दाबल्यावर आरलेल संशोधन यंत्रणेच्या पोलिसांचा समकाल व तात्काळ सुरक्षेची सुविधा उपलब्ध होणे. यामध्ये वीपीएस सुविधा आवश्यक असल्याने त्याच्या मदतीने लोकेशन समनवीन शक्य होते. मॅकेनिकल सुरक्षेच्या दृष्टीने ही संकल्पना महत्त्वाची असल्याने यंत्रणेच्या विद्यार्थ्यांनी यंत्रणा ठरले.



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12nd February 2018

Name of Event: Value added course on “Referigeration & Air-Conditioning System”

Date of Event: 12nd February 2018

Resource Person: Mr. Sylvester Daniel

OBJECTIVES: –

- To understand VCC Components
- To get Hand on Exprience of Charging of Referigerants,Brazing Process etc
- Students will Familiarise with the terminology associated with *Refrigeration* & Air conditioning

OUTCOME:

- Students are able to Demonstrate Vrious Components of VCC cycle
- Students are able to Assemble and Dismantal Various Components

Participants: ThirdYear Mechanical Students.

