

# 1 EXTENDED ACADEMIC ACTIVITIES: EXPERT LECTURES

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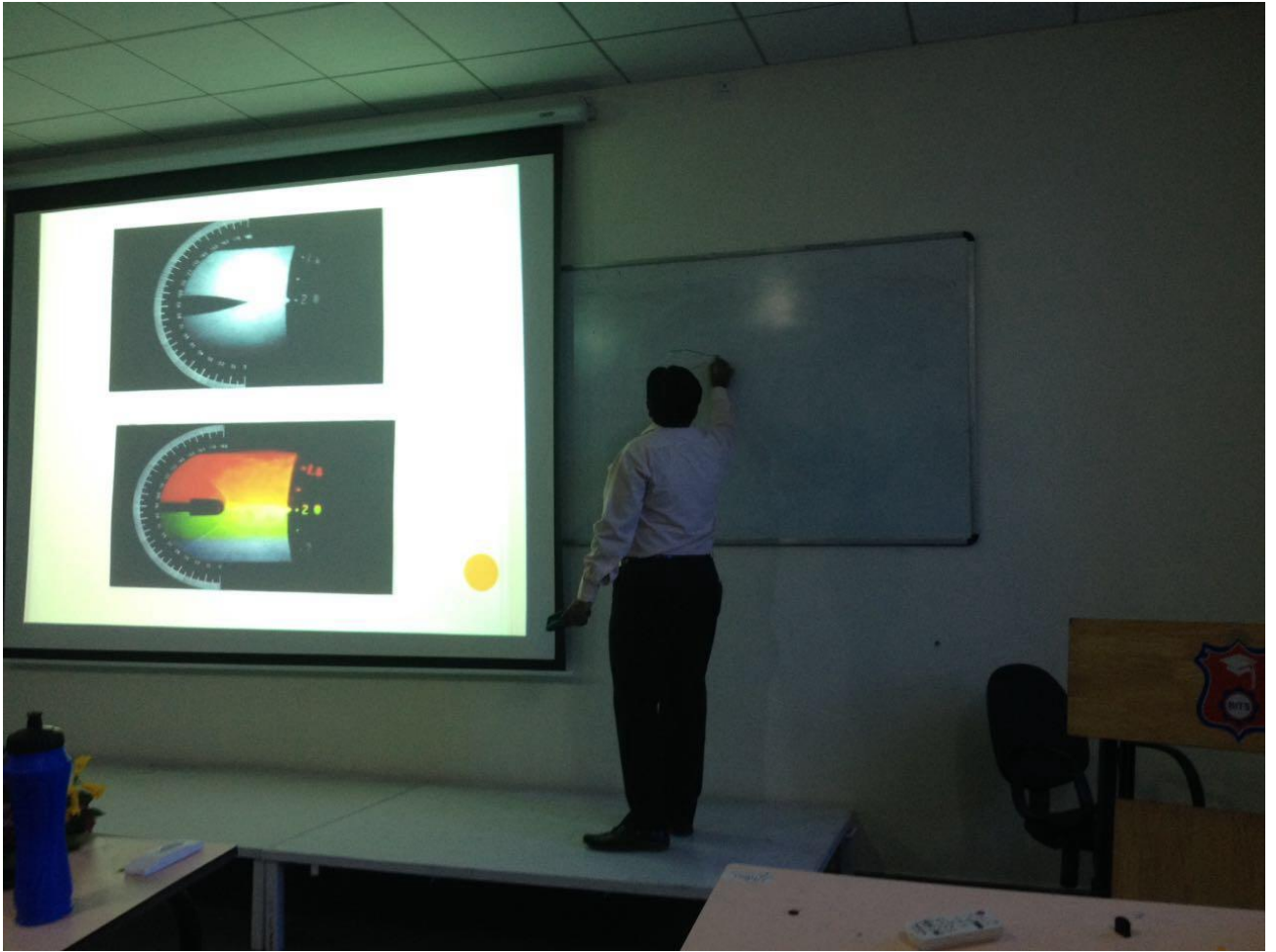
Learning process is enhanced by Expert Lectures by eminent academia from leading institutions and experts from industries. Projects, Trainings, Academic Tours and Industrial Visits are also organized to make students aware about the cutting-edge-technology.

## 1.1 LIST OF EXPERT FACULTY, VISITING FACULTY, ADJUNCT FACULTY OR EMERITUS PROFESSORS

Sr. No.	Name	Institute
1.	Mr. Arvind Mohite	M. S. University, Vadodara
2.	Mr. Snehal Patel	MEC Mechanical excellence classes

## 1.2 LIST OF TOPICS COVERED BY EXPERTS

Sr. No.	Topic/s	Name	Institute/Industry	Date
1.	Fluid Mechanics	Mr. Arvind Mohite	MSU	30/01/16
2.	Information regarding Mechanical Engineering Entrance Exam	Mr. Snehal Patel	MEC Mechanical excellence classes	06/02/16



Mr. Arvind Mohite – An Expert Lecture on Fluid Mechanics

## 2 EXTENDED ACADEMIC ACTIVITIES: WORKSHOP/SEMINAR ORGANIZED BY THE DEPARTMENT

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<b>Sr. No.</b>	<b>Theme/Title</b>	<b>Dates</b>
1.	Faculty training program on Creo 3.0 – Pro/Engineer	8 <sup>th</sup> March to 10 <sup>th</sup> March 2016
2.	SOLIDWORKS seminar for 3 <sup>rd</sup> Year Mechanical Engineering Students	30 <sup>st</sup> January, 2016



Faculty training program on Creo 3.0 – Pro/Engineer



SOLIDWORKS seminar for 3<sup>rd</sup> Year Mechanical Engineering Students

### 3 CONFERENCE AND JOURNAL PUBLICATIONS: NATIONAL AND INTERNATIONAL

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Sr. No.	Name of Faculty	Title of Paper	Details of journal/conference	Month & Year	ISSN/ISBN NO.
1	Vyomesh Buch	Review of Electrochromic Properties for Tungsten Oxide Films Deposited By Sputtering	National Conference on Design, Analysis and optimization in Mechanical Engineering	Mar-16	978-93-5258-831-2
2	Mamta Patel	Effect of Magnesium as Spherodizer on Graphite Morphology in Ductile Cast Iron	IJAERD, Volume 03 Issue 02	Feb 16	e-ISSN : 2348 - 4470
3	Mamta Patel	Effect Of Addition Of Magnesium In Spheroidal Gray Cast Iron	IJAREST, Volume 03 Issue 02	Feb 16	e-ISSN (2393-9877)
4	Sachin Daxini	Parametric study in Element Free Galerkin method for an Elastic bar	International Conference on Electrical, Electronics & Optimization Techniques (ICEEOT) (IEEE Madras section)	3rd - 5th March, 2016	
5	Sachin Daxini	Meshless formulation and parameters study for an elastic bar problem	International Conference on Electrical, Electronics & Optimization Techniques (ICEEOT) (IEEE Madras section)	3rd - 5th March, 2016	
6	Sachin Daxini	Multi objective optimization of Squeeze cast process parameters using Artificial Bee Colony Algorithm	National conference on Design, Analysis and Optimization in Mechanical Engineering (DAOME)	18th - 19th March, 2016	978-93-5258-831-2
7	Nilesh Patel	Experimental investigation into machining of AISI 316 SS for surface roughness and micro-hardness beneath machined surface under dry environment	Journal of Applied Physical Science International	Jan-16	ISSN2395-5279 Vol 4 Issue 4

## 4 INDUSTRIAL VISIT:

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Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum. Objectives of industrial visit are to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. It gives them exposure to current work practices as opposed to possibly theoretical knowledge being taught at college. Industrial visits provide an excellent opportunity to interact with industries and know more about industrial environment.

Mechanical engineering department is always taking initiative to give the exposure to students to correlate with practical knowledge. Following are the details for industrial visit

<b>Date</b>	<b>Semester</b>	<b>Number of students</b>	<b>Industry</b>
24/02/16	4 <sup>th</sup>	60	Sandeep casting, Waghodia G.I.D.C
25/02/16	4 <sup>th</sup>	60	Sandeep casting, Waghodia G.I.D.C
26/02/16	4 <sup>th</sup>	60	Sandeep casting, Waghodia G.I.D.C
29/03/16	6 <sup>th</sup>	160	Dhuvaran gas based power station, Dhuvaran



Dhuvaran gas based power station, Dhuvaran



Sandeep casting, Waghodia G.I.D.C