

July-December
2017

Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)


Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized "Parents Meeting Program" on 23rd September 2017 (AY 2017-18)

Objectives of Parents Teachers Meet:

- [1] To discuss the performance of a student's with parents.
- [2] To discuss the academic progress of students and efforts made by Department for improvement.
- [3] To invite the parent's members for sharing their views and know their viewpoints.
- [4] To explain the college educational policies to the parents.
- [5] To appreciate the efforts of students achievers (Toppers) for their Academic Success.

Parents-Teachers Meet

PARENTS MEET



Date
23rd Sep. 2017
Venue
IOT-P Seminar Hall

OBJECTIVE OF PROGRAMME

- To promote understanding and friendship between Teachers and Parents.
- To explain College educational policies to parents by teachers.
- To share Academic progress and growth based on teachers observation.
- To convey parents desire to teachers.

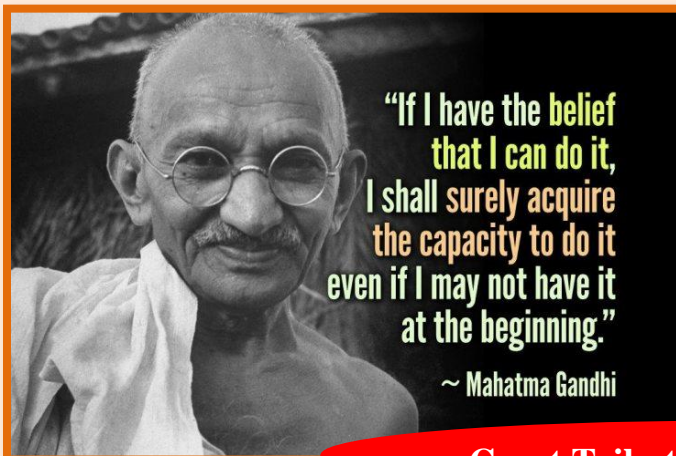
Organized by
Department of Mechanical Engineering
MET's Institute of Technology (polytechnic)

Beneficiaries
Second year & Third year (Regular and second shift)
Diploma student of Mechanical Engineering

MET Bhujbal Knowledge City



For improving the overall performance of students, parent's-teachers meet plays an important role and will helps the parents to know about their wards academic performance and their problems. Through this Parents meet, parents come to know the behavior of their wards also. As we observed, these days' teacher and parents do not come in contact with each-other. Parents also do not know the teacher. Both should meet each-other on some occasions. Parents are busy in their professions. They do not find time to visit the college and take interest in wards progress.



There are seven sins in the world: wealth without work, pleasure without conscience, knowledge without character, commerce without morality, science without humanity, worship without sacrifice, and politics without principle.

- Mahatma Gandhi

Great Tribute to Mahatma Gandhi

Department of Mechanical Engineering, MET BKC IOT-P, Nashik has offered rich tributes to *Father of Nation, Mahatma Gandhi* an Indian activist who was the leader of the Indian independence movement against British rule. Employing nonviolent civil disobedience, led India to independence and inspired movements for civil rights and freedom across the world.,

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E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Expert Lecture on “Introduction to Basic Electronics & Its Applications” on 7th July 2017. (AY 2017-18)

Objectives of Program:

[1] To build interest in Electronics and boost their confidence.

[2] To improve the knowledge of electronics components for skillful practical's, Project work.

Resource Person: Shri. S P Gawade, Certified Energy Auditor & Director, M/s Gawade Electricals, Nashik.

Benefitaries: Second Year Diploma Students in Mechanical Engineering

Venue: SYME 2 Class Room No. 316

Duration: 10.20 am Onwards

Coordinator: Prof. V E Kothawade, Lecturer in Mech. Engg. & Coordinator of Expert Lecture Committee

Glimpses of Expert Lecture

“Basic Electronics & Its Applications”



Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “NSK Industries Pvt. Ltd”, Satpur MIDC, Nashik on 27-29 June 2017.

Objectives of Visit:

[1] To know the working of Advanced Machining Process with their process characteristics.

[2] To study the various Non Conventional Machining Process like WJM, EDM, PAM, RP etc.

[3] To learn & understand the organization structure of Industry.

Benefitaries: Day 1: 27/06/2017 – TYME 1 - 41 No. of Students - Prof. V B Kalmegh, Prof. B K Khatale

Day 2: 28/06/2017– TYME 2 - 55 No. of Students - Prof. B K Khatale, Prof. A G Wattamwar

Day 3:29/06/2017 – TYME S - 41 No. of Students - Prof. V B Kalmegh, Mr. V G Dhanwate

Coordinator of Visit: Prof. V B Kalmegh, LME & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visit

NSK Industries Pvt. Ltd, Nashik



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E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a Seminar on “Steps to start your own Business” on 20th July 2017 (AY 2017-18) in association with IOT-Polytechnic Entrepreneurship Development (EDP) Cell

Objectives of Seminar:

- [1] To provide guidelines on various schemes of MSME.
- [2] To identify entrepreneurship opportunity through MSME.
- [3] To understand and plan the steps in starting the business.
- [4] To collect and use the information to prepare project report for business venture.

Resource Person: Shri. S A Kedare, (IES) Ex. Deputy Director, Office of Textile Commissioner, Government of India.

Benefitaries: All Third Year Diploma Students of Institute **Venue:** IOT-P Seminar Hall **Duration:** 12.50 pm to 2.50 pm

Coordinator of EDP Cell: Prof. A P Vadnere, HOD-Mech. Engg. **Program Coordinators:** Prof. V B Kalmegh, Prof. V E Kothawade, Lecturer in Mech. Engg.

Glimpses of Seminar:

Seminar on “Steps to start your own Business”



Entrepreneurship is a key element in the industrialization and economic progress of a nation. It is therefore necessary to inculcate the entrepreneurial values to Third Year students during their educational tenure. This will help them in changing their attitude and take the challenging growth oriented tasks instead of waiting for white collar jobs. The **EDP Cell** at MET BKC IOT-P was established with this vision of fostering innovation and promoting entrepreneurial skills among Diploma students. The cell organizes different activities and events, time to time to train and motivate the students on entrepreneurship.

Gavale Prasad, Mogal Shubhangi, Third Year Diploma Students of Mechanical Engineering has participated and bag “*Third Prize*” in State Level Technical Paper Presentations “METECH-17” organized by MET IOE, Nashik on 16th Sept. 2017.

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E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Access CADD Centre, Canada Corner, Nashik on 01st August 2017.

Objectives of Visit: Now a day a manual drafting is obsolete in industry. Computers being the inevitable part in an engineer's life due to its inbuilt characteristics which helps him to do various task with acceleration. Using computers and CAD software it is easy to create and modify drawings ultimately it saves time. It also may be useful to generate assembly and manufacturing drawings. In mechanical industry operating skills are required for computer aided drafting operations of machine components, handling of printers & plotters. As students are unfamiliar to industrial environment, for better understanding of the subject seems quite difficult without in sight in to actual shop floor activity of industry. Keeping all these mentioned snags in view, we have arranged visit to Access CADD Centre, Nashik for Second Year Mechanical Engineering students.

Benefitaries: Date: 01/08/2017 – SYME 2 - 41 No. of Students - Prof. A G Wattamwar, Prof. U R Bhapkar

Coordinator of Visit: Prof. V B Kalmegh, Lecturer in Mechanical Engineering & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visits:

Visit to Access CADD Centre, Nashik



Pawale Jaydeep, Pote Saurabh, Third Year Diploma Students of Mechanical Engineering has participated and bag “**Second Prize**” in State Level over Arm Cricket “**METECH-17**” organized by MET IOE, Nashik on 17th Sept. 2017.

Prof. S D Sonawane, Lecturer in Mechanical Engineering (Regular Shift) has successfully completed his post graduation in ME (CADME) from Savitribai Phule Pune University with First Class in November 2017.

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E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized Expert Talk on “**Personality Development & Soft Skills**” on 31st July 2017 (AY 2017-18) in association Let's Speak Institute of Personality Development & Soft Skills, Nashik

Objectives of Seminar:

1. To develop leadership qualities of students through self motivation techniques.
2. To improve the interpersonal relationship skills.
- 3 To discuss a particular topic in a group and face the interview with proper soft skills.

Resource Person: Mr. Pranav Kumar, Director, Let's Speak, Nashik.

Benefitaries: Second & Third Year Diploma Students of Mech. Engg.

Venue: IOT-P Seminar Hall

Duration: 12.50 pm to 2.50 pm

Chief Coordinator: Prof. A P Vadnere, HOD-Mech. Engg.

Program Coordinators: Prof. V E Kothawade, Prof. P P Badgujar, Lecturer in Mech. Engg.

Glimpses of Expert Talk:

Expert Talk on “Personality Development & Soft Skills”



Importance of Soft Skills: With increased globalization and rapid changing business expectations, employers are looking for wide cluster of skills to cater to the changing demand. Personality traits and soft skills are playing a key role in a student's career in this changing scenario. Corporate houses look for soft skills that supplement hard skills.

Prof. S S Shelkar, Lecturer in Mechanical Engineering (Regular Shift) has successfully completed his post graduation in ME (Heat Power) from Savitribai Phule Pune University with First Class in November 2017.

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “MSRTC Divisional Workshop”, Peth-Dindori Road, Nashik on 02-03 & 16 August 2017.

Objectives of Visit:

- [1] To study the organization structure of MSRTC, Divisional Workshop.
- [2] To observe, identify, understand the various automobile systems and components used in MSRTC buses.
- [3] To observe and study the Hydrometer testing, cell testing of Battery and alternator tests.
- [4] To observe, understand the working various Auto. Engine, Electrical & maintenance systems used in MSRTC WS.

Benefitaries: Date: Day 1: 02/08/2017– TYME 1 – 48 No. of Students - Prof. U S Kolhe, Prof. P P Badgujar

Day 2: 03/08/2017-TYME 2 – 53 No. of Students – Prof. A P Vadnere, Prof. D M Kulthe

Day 3: 16/08/2017– TYME S- 47 No. of Students – Prof. P R Chandwadkar, Prof. V D Jagtap

Coordinator of Visit: Prof. V B Kalmegh, Lecturer in Mechanical Engineering & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visit:

Visit to MSRTC Divisional Workshop, Nashik



Prof. D M Kulthe, Lecturer in Mech. Engg., has participated and successfully completed **Induction Phase-I Training Programme** conducted by NITTTR, Bhopal & organized by MET BKC IOT-P, Nashik in association with MSBTE on 29/05/2017 to 09/06/2017.

Prof. S B Mahale, Lecturer in Mechanical Engineering (Regular Shift) has successfully completed his post graduation in ME (Heat Power) from Savitribai Phule Pune University with First Class in October 2017.

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E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized Expert Lecture on "Introduction to PLC & Industrial Automation" on 16th August 2017 (AY 2017-18) in association with M/s Gawade Electricals, Nashik.

Objectives of Seminar:

- [1] To make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the PLC & Industrial Automation.
- [2] To inculcate the basic fundamentals of PLC & Industrial Automation in the students.
- [3] To work on simple PLC Based projects with confidence.

Resource Person: Shri. S P Gawade, Certified Energy Auditor, Director, M/s Gawade Electricals, Nashik.

Benefitaries: TYME Students **Venue:** TYME 2 Class Room No. 307 **Duration:** 10.00 am onwards.

Program Coordinators: Prof. V E Kothawade, Lecturer in Mech. Engg. & Coordinator of Department Expert Lecture Committee.

Glimpses of Expert Lecture

Introduction to PLC & Industrial Automation



Automation is basically the delegation of human control function to technical equipment. It is the use of control systems such as computers, PLCs, Microcontrollers to control machinery and processes to reduce the need for human sensory and mental requirements as well. **Industrial Automation** i.e. to "Automate Industry" is the basic need of almost every type of manufacturing and production unit today. Food/ Beverage, Metal, Mining, Power, Textile, Petrochemical, Machine Manufacturing, Automobile etc are the few examples where we see the automation today.

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Nashik Engineering Cluster (NEC)”, Ambad MIDC, Nashik on 29 August 2017.

Objectives of Visit:

It is necessary for a Mechanical Diploma Engineer to know about the advancements in the area of Manufacturing Processes. This Visit will impart knowledge & skills necessary for working in modern manufacturing environment which will help the Diploma student to get familiarize with working conditions of Industry and various operations performed on Advanced Machines (like CNC Machines, Milling machines, Rapid Prototyping, Surface Finishing and Maintenance of Machine Tools etc.) Beside this, following objective will be fulfilled through this Industrial Visit,

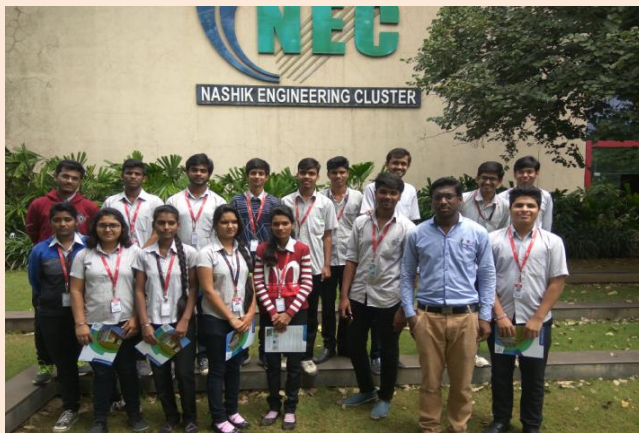
- [1] To know the Operation and control of different CNC machine tools.
- [2] To adopt safety practices while working on various machines.
- [3] To develop the mindset for modern trends in manufacturing and automation.

Visit Date: 29/08/2017 **Class:** TYME 2 **No. of Students:** 40 **Staff Involved:** Prof. D M Kulthe, Prof. A G Wattamwar

Coordinator of Visit: Prof. V B Kalmegh, LME & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visit

Visit to Nashik Engineering Cluster (NEC), Nashik



About Nashik Engineering Cluster (NEC)

Special purpose Vehicle Company registered under section 8 (Not For Profit Company) company registration acts 1956, formed Under Industrial Infrastructure Up - gradation Scheme (IIUS), Ministry of Commerce & Industry, Government of India. The Mission of NEC will provide reliable source for quality up gradation and will introduce the modern technologies to engineering industries to achieve global quality standards at an affordable cost.

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Expert Lecture on “**Introduction to CNC Programming**” on 8th September 2017 (AY 2017-18)

Objectives of Seminar:

- [1] To get familiarized with working principles and operations performed on CNC machining centers.
- [2] To know and understand the generation of part program and study tooling of CNC machine.
- [3] To know the operation and control of different CNC machine and equipments.

Resource Person: Prof. Jalees Ahemad, Assistant Professor, SRES College of Engineering, Kopergaon.

Benefitaries: All TYME Students

Venue: IOT-P Seminar Hall

Duration: 11.40 am onwards.

Program Coordinators: Mr. V G Dhanwate, Tech. Asst., Prof. V E Kothawade, LME (Coordinator of Exp.Lecture Committee.)

Glimpses of Expert Lecture:

Expert Lecture on “Introduction to CNC Programming”



Department of Mechanical Engineering arranged Expert Talk on “**Introduction to CNC Programming**” for Third Year Diploma students of Mechanical Engineering. Now in a day's use of CNC Machine in all industries is increase day by day so this lecture introduces the concepts and capabilities of Computer Numerical Control Machine Tools.

Topics include Introduction about CNC Technologies, Part Programming, Geometric dimensioning and Tolerances, Setup CNC machine for operation and Basic practice on CNC machine in context with industrial applications which gives real industrial knowledge to the attendees.

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Avdhoot Heat Treat Pvt. Ltd.”, Ambad MIDC, Nashik on 19th September 2017.

Objectives of Visit:

Practical field in Mechanical engineering involves different materials with varied composition, properties with numerous applications. Diploma Mechanical engineers should have a good knowledge of composition, properties, and applications of these materials. Ferrous & Non ferrous metals and alloys find major applications. Knowledge about types, properties, composition and heat treatment of steels and cast irons is absolutely necessary to diploma engineers. In order to inculcate the same, this Industrial Visit is organized by Department of Mechanical Engineering.

Day 1: 19/09/2017 **Class:** SYME S **No. of Students:** 28 **Staff Involved:** Prof. A B Deore, Prof. A S Buwa

Day 2: 20/09/2017 **Class:** SYME 1 **No. of Students:** 53 **Staff Involved:** Prof. K G Deshpande, Mr. S S Chaudhari

Coordinator of Visit: Prof. V B Kalmegh, LME & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visit:

Visit to Avdhoot Heat Treat Pvt. Ltd, Nashik

For Private Circulation only



Avdhoot Heat Treat Pvt. Ltd. formerly known as Industrial Heat Treaters & Induction Hardening Company was established in the year 1980. Mr. Prakash Pol having Metallurgical background has started Industrial Heat Treaters and gradually the company graph started moving upwards. In the year 1988 another company has been established named, Induction Hardening Company. In 1996 his son Mr. Vineet Pol has join with a very dynamic approach to move ahead from the present position of both the companies.

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List of Third Year Toppers for AY 2016-17 (Summer 2017)

		
Rank 1	Rank 2	Rank 3
TYME 1 (0776)	TYME 1 (0776)	TYME 1 (0776)
Ukharde Mahesh S	Kakad Aadesh K.	Hake Chaitanya N.
(%) Summer 2017- 90.41	(%) Summer 2017- 84.17	(%) Summer 2017- 82.58
		
Rank 1	Rank 2	Rank 3
TYME 2 (0776)	TYME 2 (0776)	TYME 2 (0776)
Bankar Abhijit Kailash	Gawali Sagar A.	Walshete Heena R
(%) Summer 2017- 85.53	(%) Summer 2017- 82.32	(%) Summer 2017- 82.17
		
Rank 1	Rank 2	Rank 3
TYME S (1636)	TYME S (1636)	TYME S (1636)
Wanve Sagar D	Magare Abhishek S	Jadhav Ashish R
(%) Summer 2017- 86.18	(%) Summer 2017- 84.76	(%) Summer 2017- 84.71

!! Heartily Congratulations!!

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Expert Talk on “**Personality Development & Motivation**” on 14th September 2017 (AY 2017-18)

Objectives of Seminar:

- [1] To learn the expressions regarding Positive attitude towards life.
- [2] To develop leadership qualities of students through self motivation techniques.
- [3] To improve and introduce the valuable things like the essence self realization, result oriented attitude, team work and positive mind power.

Resource Person: Shri. Pratap Singh Pardeshi, HRD Consultant, Sr. Socialist, Educationalist from Pune.

Benefitaries: SYME 1 & SYME S **Venue:** Class Room No. 316 (SYME 1) **Duration:** 12.30 pm onwards.

Coordinators: Prof. A P Vadnere, HOD-Mech. Engg. Prof. V E Kothawade, Expert Lecture Coordinator

Glimpses of Expert Talk:

Expert Talk on “Personality Development & Motivation”



Shri. Pratapsingh Pardeshi, a man with set ideologies and high moral character, has been working by intuition, in the mission of spreading out *Sri. Aurobindo's Divine thoughts* through his enlightening and electrifying lectures specially arranged for the youngsters in colleges. The beauty of his lectures lies in the fact that through lecturing and special speeches, he caters for the spiritual and philosophical well being of the humanity in large. The holistic approach with which this seer operates is the need of the time today.

The younger generation which is crippled due to the western influence, Mobile & What's App culture should be thankful to this born teacher for setting right their derailed careers through his clear cut way of thinking and appropriate mind set leading to the consciously selected goals at the proper stage of life.

July-December
2017**Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik****E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)**

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Nidhi Industries Pvt. Ltd”, Satpur MIDC, Nashik on 19th & 20th September 2017.

Objectives of Visit:

It is necessary for a Mechanical Diploma Engineer to know about the advancements in the area of Manufacturing Processes. This Visit will impart knowledge & skills necessary for working in modern manufacturing environment which will help the Diploma student to get familiarize with working conditions of Industry and various operations performed on Machines like Lathes, Milling, Grinding and Wire Cutting Machines. Beside this, following objective will be fulfilled through this Industrial Visit,

- [1] To know the different machine tools & their nomenclature.
- [2] To adopt safety practices while working on various machines.
- [3] To understand the plant layout with material handling equipments used in Industries.

Day 1: 19/09/2017 **Class:** SYME S **No. of Students:** 28 **Staff Involved:** Prof. A B Deore, Prof. A S Buwa

Day 2: 20/09/2017 **Class:** SYME 1 **No. of Students:** 53 **Staff Involved:** Prof. K G Deshpande, Mr. S Chaudhari

Coordinator of Visit: Prof. V B Kalmegh, Lecturer in Mech. Engg. & Coordinator of Ind. Visit Committee

Glimpses of Industrial Visit:**Visit to Nidhi Industries Pvt. Ltd”, Nashik**

E-Newsleeter of Department of Mechanical Engineering (Vol. 1 : Issue-1)

Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Seminar on "Awareness of Fire & Industrial Safety" on 20th September 2017 (AY 2017-18)

Objectives of Seminar:

- [1] To create understanding and general awareness of Industrial & Fire Safety.
- [2] To create importance of Industrial & Fire safety and general precautions related with them.
- [3] To educate the students about how to reduce work place hazards.
- [4] To encourage the students about standard of Safety, Health & Environment programme.

Resource Person: Shri. Amol Raundal, B.E. (Chemical), PMS,ADIS &SM,ADIS, Director of EHS Institute, Nashik.

Benefitaries: Third Year Diploma Students of Mechnaical, Civil & Electrical Engineering (0776 & 1636).

Venue: IOT-Polytechnic, Seminar Hall

Duration: 11.40 am onwards.

Coordinators: Prof. A P Vadnere, HOD-Mech. Engg. Prof. V E Kothawade, Expert Lecture Coordinator

Seminar on "Awareness of Fire & Industrial Safety"



Industrialization is the main element of economic development and improved prospects for human well being. In India, people are experiencing an industrial revolution. The pace at which people are projecting the growth (positive economic and social results), there is a need to be prepared for the associated fall out. Such rapid growth will be accompanied by serious Environment, Health & Safety issues. These issues can only be tackled through improved awareness and implementation of good practices. Cleaner Technology, Behavioral and Process Safety are probably the answers to curb the adverse impact of industrialization.

Quotes by Renowned Mechanical Engineer:

THE MET LEAGUE OF COLLEGES
MET
AS SHARP AS YOU CAN GET

MECH | Spandan

Bhujbal Knowledge City,
MET's IOT-Polytechnic



Dr. Anil Kakodkar (born on November 11, 1943) is an **Indian Nuclear Scientist** and **Mechanical Engineer**. He was the chairman of the Atomic Energy Commission of India and the Secretary to the Government of India, he was the Director of the Bhabha Atomic Research Centre, Trombay from 1996-2000. He was awarded the Padma Vibhushan, India's second highest civilian honor. Apart from playing a major role in India's nuclear tests asserting sovereignty, Kakodkar champions India's self-reliance on thorium as a fuel for nuclear energy.

Inspiring Quotes by Dr. Anil Kakodkar:

Here are few of his best quotes that will inspire us forever:

- [1] Well you have to have patience because everything doesn't happen the way you like. Even in the research you have to go through several kinds of distractions and diversions.
- [2] Luckily for me, I have been able to engage myself in new things, every time something different from what I had done earlier. So everything was a new challenge. Everything new has more excitement compared to something which has gone by.
- [3] Open mind, take things as they come and have patience as you said.

MET Department of Mechanical Engineering, IOT-P



Pawale Jaydeep, Pote Saurabh, Third Year Diploma Students of Mechanical Engineering has participated and bag **"Second Prize"** in State Level over Arm Cricket **"METECH-17"** organized by MET IOE, Nashik on 17th Sept. 2017.



Gavale Prasad, Mogal Shubhangi, Third Year Diploma Students of Mechanical Engineering has participated and bag **"Third Prize"** in State Level Technical Paper Presentations **"METECH-17"** organized by MET IOE, Nashik on 16th Sept. 2017

Program Specific Outcomes

PSO 1	Modern Software Usage
PSO 2	Equipment and Instruments
PSO 3	Mechanical Engineering Processes

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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a 3 Days Workshop on “Enhancement in Basic Electronics & Its Application” in association with M/S Gawade Electricals, Nashik from 21-23 August 2017.

Basic Objectives of Workshop:

- [1] To identify different Electronic Components
- [2] To build interest in Electronics and boost their self confidence.
- [3] To improve capability to undertake various electronic based projects
- [4] To develop ability to select appropriate electronic component as per application.
- [5] To understand working of different types of transducers and their applications.

Resource Person: Shri. S P Gawade, Certified Energy Auditor & Director of M/s Gawade Electricals, Nashik

Inaugural Function conducted in presence of: Hon. Principal, Prof R S Narkhede, Prof. A P Vadnere, HOD-Mech. Engg.

Workshop Coordinators: Prof. N O Warbhe, Prof. S B Mahale, Prof. A B Deore, Prof. V E Kothawade.

Benefitaries: Total 60 nos. of Second Year Students of Mech. Engg. Department (Regular & Second Shift)

Venue: Automation & Control Lab, Department of Mechanical Engineering, IOT-P.

Glimpses of 3 Days Workshop:

3 Days WS on “Enhancement in Basic Electronics & Its Application”



Student's Corner



Bhavsar Rushikesh S
SYME 1 (AY 2018-19)

“Alternative Fuel for Vehicles”

“Necessity is the mother of invention. Energy crisis is the cry for future. The historical and present day civilizations are closely interwoven with energy and in future, our existence will be more dependent upon energy. The conventional sources of energy, the single most important prerequisite for power generation, are depleting fast. The world is heading towards a global energy crisis mostly due to running out of these energy sources decreasing the dependency on fossil fuels is recommended. The reason for motivating the development of alternative fuel for vehicles is the concern over the emission problem of gasoline, petrol & diesel engine. Problem with alternative fuel is the lack of distribution points where the fuel is distribution for public.

- **Bhavsar Rushikesh S. (SYME 1)**

Programme Educational Objectives of Dept. of Mech.Engg., IOT-P

PEO 1	Provide socially responsible, environment friendly solutions to Mechanical engineering related broad-based problems adapting professional ethics.
PEO 2	Adapt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environments.
PEO 3	Solve broad-based problems individually and as a team member communicating effectively in the world of work.

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