

January-June
2019

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

E-Newsleeter of Department of Mechanical Engineering (Vol. 2 : Issue-4)

MET's Institute of Technology-Polytechnic, Bhujbal Knowledge City, Nashik organized a Seminar on "Managing Life for Better Future: Align yourself" for all the Faculties & Staff on 30.10.2018 (AY 2018-19)

Objective of Seminar:

- [1] To know the concept of Life Skills, Goals, Types of Quotients & its necessity and importance in human life.
- [2] To be a productive leader with emotional intelligence to foster great relationships in individual & social life.
- [3] To accept, face and manage the challenges in the life ahead.

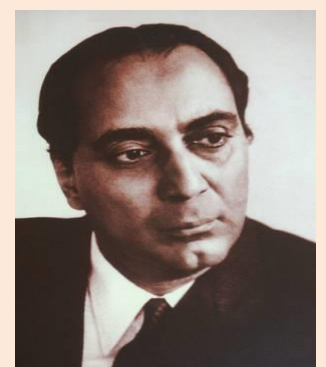
Resource Person: Shri. V M Sawant, Head, Counseling Cell, MET BKC, Nashik

Benefitaries: All the Faculties & Staff of IOT-P **Venue:** IOT-P Seminar Hall **Duration:** 10.30 am onwards.

Seminar on "Managing Life for Better Future: Align yourself"



Great Tribute to Sir Homi Jahangir Bhabha



Department of Mechanical Engineering, MET BKC IOT-P has offered rich tributes to **Sir Homi Jahangir Bhabha** (30 October 1909 – 24 January 1966) was an Indian nuclear physicist, founding director, professor of physics at the TIFR. Colloquially known as "father of the Indian nuclear programme", Bhabha was also the founding director of the Atomic Energy Establishment, Trombay (AEET) which is now named the Bhabha Atomic Research Centre in his honor. TIFR & AEET was the cornerstone of Indian development of nuclear weapons. Bhabha was awarded the Adams Prize (1942) and Padma Bhushan (1954). He was also nominated for the Nobel Prize for Physics in the years 1951 and 1953–1956.

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Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Expert Talk on “Introduction to Basics of Solar Energy” on 22nd January 2019 (AY 2018-19)

Objectives of Expert Talk:

- [1] To enable the students to know the basics of Solar Energy as a renewable source.
- [2] To understand the principles of Energy conversion, Solar Thermal, Solar Photovoltaic etc.
- [3] To be familiar with solar concepts and terminology like solar constant, solar radiation etc.

Relevance with PO's: PO1, PO2, PO5, PO6, PO10

Relevance with PEO's: PEO1, PEO2

Resource Person: Shri. Akshay Gangurde, CEO & MD, Aksol Renewables Pvt. Ltd., Nashik.

Benefitaries: TYME 1, 2 & S **Venue:** Class Room No. 316 (TYME 2) **Duration:** 10.30 am onwards.

Coordinators: Prof. A P Vadnere, HOD-Mech. Engg. Prof. V E Kothawade, Expert Lecture Coordinator, Prof. D M Kulthe, Lecturer in Mech. Engg.

Expert Talk on “Introduction to Basic Solar Energy”



Aksol Renewables Pvt. Ltd. is a Government of India Recognized Start up is one of the foremost and pioneering solar companies in India specialized in System integrator and installation of solar solution, manufacturer of key solar components and other innovative products in solar energy sector. It adopts all the changes in environment as well as government sector and works as per Contribution, Adaptability, Satisfaction and Synergy which executes the project successfully.

Solar energy is a major renewable energy source with the potential to meet many of the challenges facing the world. There are many reasons to promote its share in the energy market. This power source is increasing in popularity because it is versatile with many benefits to people and the environment. **Solar** Is Clean and Safe. **Solar** is a safe alternative which can replace current fossil fuels like coal and gas for generation of electricity that produce air, water, and land pollution. ... Use of **solar energy** will eliminate these unsafe, unclean consequences from using conventional fossil fuels.

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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Sewerage Water Treatment Plant (SWTP), Tapovan, Nashik on 08.01.2019. (AY 2018-19)

Objective of Visit:

The purpose of the visit was to acquaint the students with the process of Organization Waste water treatment. The visits include presentations by Plant engineers, which explain all the details and benefits of plant. They were then accompanied on a tour of the site, where they were given a detailed explanation of the plant. They observed the work achieved so far on the ground. A step-by-step guide describing what happens at each stage of the treatment process and how pollutants are removed to help keep our waterways clean.

Relevance with PO's: PO1, PO2, PO5, PO6, PO7, PO8, PO9, PO10 **Relevance with PEO's:** PEO1, 3, 4.

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

Date: 08.01.2019 **No. of Students:** SYME 1 – 37 SYME 2 – 42 SYME S – 25 (10.00 am onwards)

Staff: Mrs. A S Patil, Mrs. A S Antre, Mr. Y B Vispute, Mr. S S Chaudhari, Mr. V G Dhanwate

Visit to “Sewerage Water Treatment Plant, Tapovan, Nashik



Sewage Treatment Plant having different system likes preliminary system, primary system, secondary system and tertiary system. Each treatment system has their own function. Preliminary system is useful for removing the floating materials and large inorganic contents. Primary system is remove large floating materials and suspended solids. Secondary system is useful for removing the colloidal and soluble organic matter. Tertiary system is useful for further treatment of effluent coming from secondary system. In secondary treatment system different technologies are used like activated sludge process, aerated lagoons, oxidation ditches, rotating biological filter, up-flow anaerobic filter, up-flow anaerobic sludge blanket, moving bed biological reactor. Nashik is one of the important cities in Maharashtra state of India. Nashik city is the third largest city of Maharashtra and also third most industrialized city in Maharashtra, fourth fastest growing city in India. In Nashik up-flow anaerobic sludge blanket, activated sludge process and moving bed biological reactor these technologies are used for the treatment purpose. In Nashik STPs are located at Tapovan, Panchak, Chehedi and Agar Takali.

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Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Seminar on “**How to plan your career to get an entry into Engineering Industry as a CAD-CAM-CAE Professional**” on 24th January 2019 (AY 2018-19)

Objectives of Expert Lecture: To know & understand,

- [1] What is CAD-CAM-CAE Industry & its Tools?
- [2] Current Scenario of CAD-CAM-CAE Industry
- [3] Tool Applications
- [4] Brief review of Ansys, Cero, CATIA V5, AutoCAD software's

Relevance with PO's: PO1, PO2, PO4, PO5, PO8, PO10

Relevance with PEO's: PEO2, PEO4

Resource Person: Shri. Rajesh Shelke, Manager-Business Development, Access CADD, Canada Corner, Nashik.

Duration: 10.30 am onwards

Benefitaries: Second Year Diploma Students in Mechnaical Engg. **Venue:** SYME 2 Class Room (306)

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

Seminar on “CAD-CAM-CAE”



Moreover students having 3D CAD/CAM/CAE knowledge have better chances of growth, immediate employability after completion of Diploma or Graduation and chances of jobs abroad. As the market economy opens more and more it has become extremely competitive and with this state of economy, skilled people play the most important role in organization. Hence it becomes imperative on the part of Polytechnics and Engineering Colleges to especially look for new initiatives towards improving the skills and knowledge of students. An emerging trend of Engg. Education is the rapid incrementation of CAD/CAM/CAE software as an essential part of curriculum. Keeping all the above mentioned snags in view, we organized a seminar on “**How to plan your career to get an entry into Engg. Industry as a CAD-CAM-CAE Professional**”.

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E-Newsleeter of Department of Mechanical Engineering (Vol. 2 : Issue-4)

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Solid Waste Management Project (SWMP)” NMC, Ambad MIDC, Nashik on 08th January 2019 (AY 2018-19)

Objective of Visit:

The purpose of the visit was to acquaint the students with the process of Solid Waste Management in town. The visits include presentations by Plant engineers, which explain all the details and benefits of plant. They were then accompanied on a tour of the site, where they were given a detailed explanation of the plant. They observed the work achieved so far on the ground. A step-by-step guide describing what happens at each stage of the treatment process and how pollutants are removed to help keep environment clean.

Relevance with PO's: PO1, PO2, PO5, PO6, PO7, PO8, PO9, PO10 **Relevance with PEO's:** PEO1, 3, 4

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

Date: 08.01.2019 **No. of Students:** SYME 1 – 37 SYME 2 – 42 SYME S – 25 (12.30 pm onwards)

Staff: Mrs. A S Patil, Mrs. A S Antre, Mr. Y B Vispute, Mr. S S Chaudhari, Mr. V G Dhanwate

Visit to “Solid Waste Management Project, Nashik



The Nashik Municipal Corporation is collecting 300-350 Tons MSW per day. According to DPR for SWM, 2007 the average waste generation is only 218 gm/capita per day. This situation is either due to collection inefficiencies or due to high proportion of agriculture/horticulture farming, which helps in utilization of green waste for in-situ composting. With better collection and transportation measures, the collection efficiency should increase. NMC has given contract of collection and transportation of solid waste of the 6 divisions of the city to two contractors. Contract of collection and transportation includes door to door collection of solid waste through Ghanta Gadi and transportation to Municipal Solid Waste Treatment Facility. Solid waste is collected from 2.9 lakh households of 108 wards of the city through 124 Ghanta Gadi's and ownership of the Ghanta Gadi's is with NMC.

Prof. S A Mandore, Lecturer in Mechanical Engineering, has attended 2 days state level workshop on “Energy Audit & Management” organized by MET IOE, Nashik in association with SPPU on 11-12 Jan. 2019.

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Department of Mechanical Engineering, MET BKC IOT-Polytechnic, Nashik organized Seminar on “Energy Conservation & Management” in association with Petroleum Conservation & Research Association (PCRA), New Delhi on 25th January 2019. (AY 2018-19)

Objectives of Expert Lecture:

- [1] To know & understand the need and importance of renewable energy.
- [2] To know and analyze the various Biomass Conversion processes.
- [3] To know and judge the Energy Saving Potential, Waste Heat Recovery, Energy Efficiency.
- [4] To understand the methodologies to execute preliminary energy audit.

Relevance with PO's: PO1, PO2, PO5, PO6, PO10

Relevance with PEO's: PEO1, PEO2

Resource Person: Shri. Pramod N Dashpute, Faculty of PCRA, Certified Energy Auditor, Pune.

Benefitaries: Second & Third Year Diploma Students in Mech. Engg. **Venue:** Class Room No. 306 SYME 2

Duration: 10.30 am onwards **Coordinators:** Prof. A P Vadnere, HOD-Mech. Engg. Prof. V E Kothawade, Expert Lecture Coordinator.

Seminar on “Energy Conservation & Management”



Energy is an important aspect in all sectors of country's economy. India as a country suffers from significant energy deficiency. The per-capita energy consumption, while increasing progressively, is significantly below global averages and in many instances below developing country averages. Increasing energy demands, shortage of fossil fuels, and the continuous increase in the level of green house gas emissions are the main driving forces to utilize various sources of renewable energy. The objective of this expert lecture is enabling the Third Year students to know the basics of renewable energy, energy conversion, conservation, management techniques, energy audit and methodology.

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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Jadhav Casting” Ambad MIDC, Nashik on 23rd January 2019 (AY 2018-19)

Objectives of Visit:

Diploma technician often comes across various types of basic manufacturing processes. The diploma technician should know how the raw material gets processed through various processes and ultimately results into finished goods. This idea and following objective will be fulfilled through this Industrial Visit,

- [1] To observe and know the different types of patterns and models available in Industry with their applications.
- [2] To observe and know the various types of pattern allowances.
- [3] To observe, understand and know the various types of casting processes.

Relevance with PO's: PO1, PO2, PO5, PO6, PO8, PO9

Relevance with PEO's: PEO1, PEO2, PEO3

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

Benefitaries: SYME 1 – 37 SYME 2 – 42 SYME S – 25 (10.00 am onwards)

Staff Involved: Prof. S S Shelkar, Prof. P P Badgular, Prof. P R Chandwadkar, Prof. D M Kulthe.

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

Visit to “Jadhav Casting”, Nashik



Casting is a manufacturing **process** in which a liquid material is usually poured into a mold, which contains a hollow cavity of the desired shape, and then allowed to solidify. **Casting** is most often used for making complex shapes that would be otherwise difficult or uneconomical to make by other methods.

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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a Seminar on “**Awareness on Competitive Examinations (UPSC/MPSC)**” in association with “Unique Academy”, Nashik Centre
Objectives of Seminar:

Department has organized seminar on “Awareness on Competitive Examinations (UPSC/MPSC) with a view to induce general reading, general observation and thinking power among Diploma Students for reasoning and courage for facing various competitive examinations along with following objectives;

- [1] To motivate Diploma students for prospective career in Government and Corporate Sector.
- [2] To intensively guide students for competitive Examinations like UPSC and MPSC other competitive and entrance exams on Diploma basis.
- [3] To build among students a sense of awareness, provide guidance and information about various competitive examinations.

Day, Date & Duration: Thursday, 28th Feb. 2019 at 10.30 am onwards **Venue:** TYME 2 Class Room

Resource Person: Shri. V R Bothe, Expert from Unique Academy

Chief Coordinator: Prof. A P Vadnere, HOD-Mech. Engg. **Program Coordinator:** Prof. V E Kothawade, Expert Lecture Coordinator & Lecturer in Mech. Engg. **Benefitaries:** Diploma Students of Mech. Engg.

Seminar on “Awareness on Competitive Examinations (UPSC/MPSC)”



About Unique Academy:

The **Unique Academy** has over the years built reputation as one of the premiere coaching institute of the country by imparting coaching of high standards on Competitive Examinations. The Unique Academy has a highly effective and proven training methodology which helps its students’ achieve success. It has been showing an impressive track record of success while training students for the prestigious competitive exams like the UPSC and MPSC. The motto of the Academy “**Empowerment through knowledge**” manifests this very ethos of the Academy.



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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Prakash Technoplast” Ambad MIDC, Nashik on 23rd January 2019 (AY 2018-19)

Objectives of Visit:

Diploma Engineers requires the knowledge of core principles of manufacturing processes. The diploma technician should know how the raw material gets processed through various processes and ultimately results into finished goods. This idea and following objective will be fulfilled through this Industrial Visit,

[1] To observe and know the different types of plastic moulding processes.

[2] To observe and know the various Injection Moulding Machine & Process.

Relevance with PO's: PO1, PO2, PO5, PO6, PO8, PO9

Relevance with PEO's: PEO1, PEO2, PEO3

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

Benefitaries: No. of Students SYME 1 – 37 SYME 2 – 42 SYME S – 25 (10.00 am onwards)

Staff Involved: Prof. S S Shelkar, Prof. P P Badgajar, Prof. P R Chandwadkar, Prof. D M Kulthe.

Visit to “Praksh Technoplast”, Nashik



Prakash Technoplast was established in the year 2013 engrossed in manufacturing and supplying a wide range of Mini Dripper, Micro Sprinkler, Irrigation End Cap, L and T Joiner, Take Off Joiners, Ring Joiner, Lateral and Pepsi Cock, PVC Drill, Dripper Hole Punch, Hole Plug, Pepsi Joiner, Ring Reducer and Rubber Grommet. They have trained professionals who understand the requirement of client because there are times when they are asked by the clients to make customized product. Their products are widely appreciated across the country. Under the guidance of mentor and proprietor, **Virendra Lawande (Proprietor)**, they have gained a respectful position in such a short span. He is an ardent learner and keeps innovating through implementing latest technology.

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2019**Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik****E-Newsleeter of Department of Mechanical Engineering (Vol. 2 : Issue-4)**

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “**Ashoka Biogreen Pvt. Ltd.**” Near Talwade, Trimbakeshwar, Nashik on 12th & 13th February 2019 (AY 2018-19)

Objectives of Visit:

Energy is an important aspect in all sectors of country's economy. India as a country suffers from significant energy deficiency. The per-capita energy consumption, while increasing progressively, is significantly below global averages and in many instances below developing country averages. Increasing energy demands, shortage of fossil fuels, and the continuous increase in the level of green house gas emissions are the main driving forces to utilize various sources of renewable energy. The visits aim at enabling the students to know the basics of Biogas as a renewable energy source its conversion and end applications through site visit. Also the students will be able to know & understand the concept of Bio-fuel & Biomass.

Relevance with PO's: PO1, PO2, PO5, PO6, PO8, PO9**Relevance with PEO's:** PEO1, PEO2, PEO3**Coordinator of Visit:** Prof. V B Kalmegh, Lecturer in Mech. Engg. & Coordinator of Ind. Visit Committee**Benefitaries:** TYME 1 – 40 TYME 2 – 38 TYME S – 35 (10.00 am onwards)**Staff Involved:** Prof. S S Shelkar, Prof. J G Dhopte, Prof. U S Kolhe, Prof. S A Khan.**Visit to “Ashoka Biogreen Pvt. Ltd.”, Nashik**

Ashoka Biogreen Private Limited is a Private incorporated on 12 February 2009. It is classified as Non-govt Company and is registered at Registrar of Companies, Mumbai. Its authorized share capital is Rs. 10,000,000 and its paid up capital is Rs. 5,556,000. It is involved in Production, collection and distribution of electricity. Directors of Ashoka Biogreen Private Limited are Shri. Ashok Motilal Katariya & Ms. Astha Ashish Kataria.

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2019**Bhujbal Knowledge City, MET's IOT-Polytechnic, Nashik****E-Newsleeter of Department of Mechanical Engineering (Vol. 2 : Issue-4)**

Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized an Industrial Visit to “Narang Cold Storage” Satpur MIDC, Nashik on 12th & 13th February 2019 (AY 2018-19)

Objectives of Visit:

Refrigeration & Air conditioning has a wide application in varied areas of domestic, commercial and industrial applications. With advance in technology & development of new Refrigerants. Refrigeration & Air conditioning finds prominent positions from house hold applications like refrigerators, air conditioners to advance cryogenic systems maintaining subzero temperatures in industrial and Research areas. Air conditioning of building, industries, and malls has also emerged as one of the most advanced areas of applications in this field. This field has a unique application potential in every sector. Refrigeration & Air conditioning is one of the most demanded job areas for diploma Engineers with a good scope for the self employment. Considering this, diploma Engineers should study and practically learn and must know fundamentals, processes, system and applications of Refrigeration & Air conditioning. Keeping all the mentioned snags in view, we have arranged this visit to Narang Cold Storage.

Relevance with PO's: PO1, PO2, PO5, PO6, PO8, PO9**Relevance with PEO's:** PEO1, PEO2, PEO3**Coordinator of Visit:** Prof. V B Kalmegh, Lecturer in Mech. Engg. & Coordinator of Ind. Visit Committee**Benefitaries:** TYME 1 – 40 TYME 2 – 38 TYME S – 35 (10.00 am onwards)**Staff Involved:** Prof. S S Shelkar, Prof. J G Dhopte, Prof. U S Kolhe, Prof. S A Khan.**Visit to “Narang Cold Storage”, Nashik**

Prof. V D Jagtap, Lecturer in Mechanical Engineering has successfully completed his post graduation in ME (Heat Power) from Savitribai Phule Pune University with First Class in October 2018.

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Department of Mechanical Engineering, MET BKC IOT-P, Nashik organized a 3 Days Training Program on “**Advanced Mechatronics System**” (*Hydraulic & Pneumatics*) in association with Prolific Systems & Technologies Pvt. Ltd., Pune from 28-30 Jan. 2019. (AY 2018-19)

Objectives of Training Programme:

Hydraulics and **Pneumatics** have powered machines in innumerable applications across manufacturing, industry, agriculture, power generation, and many more for decades. These power sources are utilized all over the world in countless fields, so a strong theoretical understanding combined with hands-on training in pneumatic and hydraulic applications is indispensable for nearly any industry. Keeping all this snags in view, we have organized a training Program with following objectives;

- [1] To understand the fundamentals of Hydraulic & Pneumatic systems and their industrial applications.
- [2] To know, identify and understand the working of various sensors & Actuators with practical demonstration.
- [3] To draw and simplify the various hydraulic & pneumatic circuits with their applications.

Resource Person: Mr. Suhas Gadekar, Head-Mechatronics Division, Prolific System & Techn. Pvt. Ltd., Pune

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

Program Coordinator: Prof. K G Deshpande, Lecturer in Mech. Engg.

Joint Coordinators: Prof. S B Mahale, Prof. P R Chandwadkar, Lecturer in Mech. Engg.

Benefitaries: Total 35 nos. of Third Year Students of Mech. Engg. (Regular & Second Shift) was participated.

Venue: Automation & Control Lab, Mechanical Department (Room No. 308), IOT-P

MET Bhujbal Knowledge City, IOT-Polytechnic

**3 Days Training Program on
“Advanced Mechatronics System”**

(Hydraulic & Pneumatics)

Organized by

Department of Mechanical Engineering

From 28th - 30th January 2019

In Association with

Prolific Systems & Technologies, Pvt. Ltd. Pune



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About Prolific Systems & Technologies Pvt. Ltd.:

Prolific is a part of Kuwait's base company "*Al Tanmiya Holding*" Prolific is the only ISO 9001-2008 certified company in automation training. From last fifteen years Prolific is the only company in automation project, services & training. Prolific has spread its offices in nooks and corners of India with presence in Western India (Mumbai Pune, Nagpur), South India (Chennai, Hyderabad and Kochi), and North India (Delhi, Ahmadabad). Many well known organizations such as Bharat Forge, ASAL Chakan, Sudarshan Chemicals, BPCL, IPCL, ONGC, ITC, Ordnance Factories, Mumbai Municipal Corporation, Raymonds, Fiat India, Cadbury, CEAT, Colgate, Cipla Ltd., Indoco Remedies Ltd. Thirumalai Chemicals, Garware Polyester, ITC Bhadrachalam, Novartis, L & T, Orchid Pharma, Asian Paints, Gas Authority of India Limited, Moser Baer India Ltd., JK Tyres, JK Industries, Schenectady Herdillia, Godrej, Voltas *and many more* have frequently used Prolific's training programs to train their engineers and technicians. Given training to over 10,00,00 Technicians, Engineers, and Managers from maintenance, projects, design and production departments. Provided customized training to suit client's requirement.

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Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik Organized a Half Day Workshop with Technical Demonstration of "Trans steel 2200 Multi-process Welding machine, and Futuristic TPSi Technology" in association with, Fronius India Pvt. Ltd., Pune on 14th Feb. 2019. (AY 2018-19)

Objective of Demonstration:

In this Technical Demonstration there is a promotion for Multi Process Welding Machine made by Fronius Ltd. where the Multi-Process Welding Machine is demonstrated thoroughly with its technical specifications and advance features to the academic Faculty, staff and students of Technical Institute. The goal of this demonstration is to introduce them to the variety of applications of product recently introduced to a new commercial marketplace.

Resource Person: Expert Executives & Technicians from Fronius India Pvt. Ltd., Pune

Duration of Technical Demonstration: 14th Feb. 2019 (10.00 am onwards).

Venue: Central Workshop, MET BKC IOT-Polytechnic, Nashik.

Convener: Prof. A K Roy, Workshop Superintendent, IOT-P, Nashik

Chief Coordinator: Prof. A P Vadnere, HOD-Mech. Engg. (Mb. No.: 9423927650)

Program Coordinator: Prof. V B Kalmegh, Lecturer in Mech. Engg.

Prof. V E Kothawade, Lecturer in Mech. Engg.

Joint Coordinators: Prof. P P Badgujar, Prof. S S Shelkar, Prof. P R Chandwadkar

Benefitaries: All the Faculty, Staff and Students of Mech. Dept. & Central Workshop of MET BKC IOT-P, Nashik.

INTELLIGENT REVOLUTION



/ Plain-text display



/The graphical user interface makes the machine easy and intuitive to operate. It is extremely robust, and users can operate it even with their gloves on.

/ Plug & Weld



/Automatic component detection: simply plug in (no tools needed), and the machine automatically detects what components are available.

/ JobMaster



/ Same control functionality on the torch as on the display. Ideal when working far away from the power source.

/ Easily upgradeable



/Upgrades are extremely easy to perform, from a USB stick or the Internet. For new weld processes, characteristics, applications, firmware updates etc. etc.

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One Day Workshop with Technical Demonstration of “Trans steel 2200 Multi-process Welding machine, and Futuristic TPSi Technology” Organized by Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik in association with, Fronius India Pvt. Ltd., Pune on 14th Feb. 2019. (AY 2018-19)



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Students Achievements

Dhikale Abhishek, Dhikale Tejas, Dhikale Prasad, Kokani Kalpesh Third Year Diploma Students of Mechanical Engineering (TYME 1) has participated and bag **“First Prize”** in A State level **Project Competition “TECHNOFEST-2019”** and **“TECH-FEST”-2019** organized by MET IOE, Nashik and Sandip Polytechnic, Nashik respectively on **16-19 January 2019** and **27th February 2019** under guidance of Prof. K A Nerkar.



Participation in Sport Activities

Second & Third Year Student of Mechanical Engineering has actively participated in various events organized by Inter Engineering Diploma Students Sport Association (IEDSSA) in Jan-Feb. 2019. Students participated and won the First Prize in Carom and Football matches.



Winner in IEDSSA-Football-2019



Winner in IEDSSA-Carom-2019

Summary of Final Year Project Allotment for AY 2018-19

Project Summary Sheet (AY 2018-19)

S. N.	Project Categories (Groups)	TYME 1	TYME 2	TYME S	Total
1	Industry Sponsored	03	03	02	07
2	Industry Based	03	02	03	09
3	Laboratory Development	01	00	01	02
4	Literature Based	00	00	00	00
5	Social Relevant	00	00	00	00
6	Application Based	05	04	05	14
7	Others	00	00	01	01
Total		12	09	12	33



TYME 1 (AY 2018-19)



TYME 2 (AY 2018-19)



TYME S (AY 2018-19)

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Student's Corner



Patil Sahil Sunil
TYME S (AY 2018-19)

“Need of In-plant Training in Academics”

An in-plant training (IPT) is a short duration training course provided in any company to help you get "industry" knowledge and know-how. Its usefulness varies depending on which branch you are, and which company you do an IPT with. The main purpose of providing in plant training to students is to transform students under technical study in to industry ready professional. This helps to promote success and growth of individuals. It is important to get training on the upcoming modern technology, which helps students to get the skill required to the industry. Inplant training helps in the shifting process. A smooth shift from the student to the profession.

Patil Sahil Sunil (TYME S- AY 2018-19)

**Department of Mechnaical Engineering,
MET's Institute of Technology (Polytechnic), Nashik
Bhujbal Knowledge City, Adgaon, Nashik - 422 003 (M.S.)
www.metbhujbalknowledgecity.ac.in**

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Informative Articles may be sent to:

mech.spandan@gmail.com