

## **Report of Faculty Industrial Training**

- ❖ **Title of Training:** Faculty Industrial Training Program at “Metamorphosis Engitech India Pvt. Ltd, Unit II, A/P- Pimple Jagtap, Tal- Shirur, Dist- Pune” during 19<sup>th</sup> October to 1<sup>st</sup> November, 2021.
- ❖ **Schedule of Training:** From 19/10/2021 to 01/11/2021 Time: 1:00 pm to 5:00 pm
- ❖ **Name of Organizer:** Metamorphosis Engitech India Pvt. Ltd, Pimple Jagtap, Pune
- ❖ **Name of Trainer:** 1. Mr. Milind Ulhe  
2. Mr. Akshay Jawale  
3. Mr. Sachin Malwadkar
- ❖ **The Objectives are as below:**
  - To enable the participants to understand the operation, application and control of Speed of AC & DC motor
  - To provide electric AC & DC drive to cater to industrial needs.
  - To familiarize the operation principles, and design of starting, braking, and speed control arrangements for electric motors and their applications.
  - To provide strong foundation to asses performance of different industrial drives considering issues such as, energy efficiency, power quality, economic justification, environmental issues, and practical viabilities.
- ❖ **Topics Covered:**
  - Basics of AC & DC Drives
  - Types of speed controlling techniques of Induction motor, types of Industrial loads.
  - Introduction on AC & DC drive
  - Hands on Practice on AC & DC drive
  - AC & DC drives and motors troubleshooting
  - AC & DC drives applications



❖ **Detailed Summary:**

Day	Date	Training Topics	Trainer
Day 1	Tuesday, 19 October, 2021	Basics of Power Electronics	Mr. Milind Ulhe
Day 2	Wednesday, 20 October, 2021	Drives - Basics and need	Mr. Milind Ulhe
Day 3	Thursday, 21 October, 2021	AC Drives	Mr. Milind Ulhe
Day 4	Friday, 22 October, 2021	AC drives - Hands on session-1	Mr. Milind Ulhe
Day 5	Monday, 25 October, 2021	AC drives - Hands on session-2	Mr. Milind Ulhe
Day 6	Tuesday, 26 October, 2021	AC drives applications	Mr. Milind Ulhe
Day 7	Wednesday, 27 October, 2021	DC drives- Basics	Mr. Milind Ulhe
Day 8	Thursday, 28 October, 2021	DC drives Hands on- session-1	Mr. Milind Ulhe
Day 9	Friday, 29 October, 2021	DC drives Hands on- session-2	Mr. Milind Ulhe
Day 10	Monday, 1 November, 2021	AC & DC drives and motors troubleshooting	Mr. Milind Ulhe

❖ **Conclusion Remarks:**

From this faculty training, staff has received all the theoretical and practical knowledge of AC & DC drives. It will be beneficial for overall development of students to study well.

✓ **Attachments (if any):** Permission Letter, Photographs

✓ **Attended by:** The following faculty members has attended training:

Sr. No.	Name of Faculty	Department
01	Prof. R.P. Gunaware	Electrical
02	Prof. J.V. Gunnal	Electrical
03	Prof. P.R. Patil	Electrical
04	Prof. V.G. Gaikwad	E & TC
05	Prof. S.S. Bhangale	E & TC

Prepared by

Prof. Gunaware R.P. & Prof. Gaikwad V.G.



Checked by

Prof. Jadhav M.K.



## Photos of Faculty Industrial Training

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