



Amrutvahini College of Engineering, - Sangamner - **Department of Electronics Engineering**

- Organizes -

Training

on

“Variable Frequency Drives”

During 18th March 2017 to 19th March 2017

- Targeted Audience -

BE Electronics & BE Electrical Students

• Resource Person •

Mr. Pralhad Dhumal

General Manager, Drives and Sales,
Fox Solution, Nashik

Mr. Bhausaheb Dhumal

Sr. Engineer for Drives
Fox Solution, Nashik

Session Objectives:

- Describe the structure of Electric Drive systems and their role in various applications such as flexible production systems, energy conservation, renewable energy, transportation etc., making Electric Drives an enabling technology.
- Understand the basic principles of power electronics in AC drives using switch-mode converters and pulse width modulation to synthesize the voltages in AC motor drives.
- To impart industry oriented learning
- To evaluate the use of computer-based analysis tools to review the major classes of machines and their physical basis for operation
- Need of automation and opportunities in Automation Domain.

Session Outcomes:

On successful completion of this course, student will be able to:

1. Develop testing and experimental procedures applying basic knowledge in electronics, electrical circuit analysis, electrical machines, microprocessors, and programmable logic controllers Sinamics G120.
2. Combine concepts of previously learnt courses such as, electrical machines, Control and power electronics to cater to the need of automations in industries.
3. Classify types of electric drives systems based on nature of loads, control objectives, performance and reliability.
4. An ability to use standard methods to determine accurate modeling/simulation parameters for various general-purpose electrical machines and power electronics devices required for designing a system and solve drives related problems
5. Combine the use of computer-based simulation tools relevant to electrical Drives with practical laboratory experimentation.

Prof. S. S. Gundal
Head of Department

Dr. G. J. Vikhe Patil
Principal

Date: 21/03/2017

To,

The Principal,
AVCOE, Sangamner

Subject: Report of "Training on Variable frequency drives"

Respected Sir,

Electronics Department conducted "Training on Variable Frequency Drives (VFDs)" for B.E. Electronics & BE Electrical students along with Fox Solutions, Nashik during 18/03/2017 to 19/03/2017. It is organized by Mr S.B.Rahane. We are herewith submitting the report for the same.

Name of Resource person : 1. Mr. Pralhad Dhumal,

General Manager , Drives & Sales, Fox Solutions, Nashik

2. Mr. Bhausahab Dhumal

Sr. Engineer for Drives, Fox Solutions, Nashik

Title of Workshop : Training on Variable frequency drives

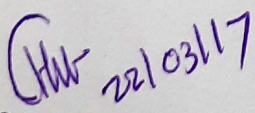
Targeted students : BE Electronics & BE Electrical

Number of students : Electronics -13

Electrical -13

This is for your kind information

Thanking you


(Mrs. S.S.Gundal)
Head of Department

Training on Variable Frequency Drives (VFDs) for B.E. Electronics & BE Electrical students along with Fox Solutions, Nashik during 18/03/2017 to 19/03/2017



Mr. Pralhad Dhumal explaining the concept of Variable drives to the students



Students performing practical on PLC trainer

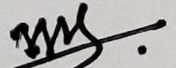
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Two day training on Variable Frequency Drives
by

Fox Solutions, Nashik
Attendance Sheet

Class:BE

Sr. No.	Name of student	Branch	18/03/2017	19/03/2017
1	More Prashali V.	Electronics	<u>Prashali</u>	<u>Prashali</u>
2	Pawase Monali S.	Electronics	<u>Monali</u>	<u>Monali</u>
3	Mitkari Diksha S.	Electronics	<u>Diksha</u>	<u>Diksha</u>
4	Erande Shashikala G	Electronics	<u>Shashikala</u>	<u>Shashikala</u>
5	Kolhe Pooja N.	Electronics	<u>Pooja</u>	<u>Pooja</u>
6	Hase Bhagyashri S.	Electronics	<u>Bhagyashri</u>	<u>Bhagyashri</u>
7	Gunjal Poonam V.	Electronics	<u>Poonam</u>	<u>Poonam</u>
8	Dhone Ashwini P.	Electronics	<u>Ashwini</u>	<u>Ashwini</u>
9	Ghughe Navnath V.	Electronics	<u>Navnath</u>	<u>Navnath</u>
10	Satpute Nitin K.	Electronics	<u>Nitin</u>	<u>Nitin</u>
11	Ghughe Vikas S.	Electronics	<u>Vikas</u>	<u>Vikas</u>
12	Gadekar Prashant K.	Electronics	<u>Prashant</u>	<u>Prashant</u>
13	Khairnar Saurabh A.	Electronics	<u>Saurabh</u>	<u>Saurabh</u>
14	Shinde Ganesh C.	Electrical	<u>Ganesh</u>	<u>Ganesh</u>
15	Sabale Ashok N.	Electrical	<u>Ashok</u>	<u>Ashok</u>
16	Rasal Bhimashankar M.	Electrical	<u>Bhimashankar</u>	<u>Bhimashankar</u>
17	Shirsath Swapnil S.	Electrical	<u>Swapnil</u>	<u>Swapnil</u>
18	Abhang Rutika S.	Electrical	<u>Rutika</u>	<u>Rutika</u>
19	Narayane Dhanshri A.	Electrical	<u>Dhanshri</u>	<u>Dhanshri</u>
20	Gaikwad Mrudula B.	Electrical	<u>Mrudula</u>	<u>Mrudula</u>
21	Sanap Rahul	Electrical	<u>Rahul</u>	<u>Rahul</u>
22	Kadu Gaurav	Electrical	<u>Gaurav</u>	<u>Gaurav</u>
23	Jamdhade Rajhans	Electrical	<u>Rajhans</u>	<u>Rajhans</u>
24	Kunde Deepak	Electrical	<u>Deepak</u>	<u>Deepak</u>
25	Kanade Ravindra	Electrical	<u>Ravindra</u>	<u>Ravindra</u>
26	Avhad Somanth	Electrical	<u>Somanth</u>	<u>Somanth</u>


(Mr. S.B. Rahane)
Training Coordinator