



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

Department of Electronics Engineering

- Organizes -

Workshop

on

“Variable Frequency Drives”

During 25th Feb. 2019 to 26th Feb. 2019

- Targeted Audience -

BE Electronics Students

• Resource Person •

Mr. Jitendrasingh Sonu

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: 27/02 /2019

To,
The Principal,
AVCOE, Sangamner

Subject: Report of "Workshop on Variable Frequency Drive"

Respected Sir,

Electronics Department conducted Two Days Workshop on "Variable Frequency Drive" for Final Year students of Electronics Engineering during 25th & 26th February 2019. It is organized by Electronics Department along with T&P Cell. We are herewith submitting the report for the same.

Name of speaker : Mr. Jitendasingh Soun
Fox Solution Pvt. Ltd. Nashik

Subject : Variable Frequency Drive.

Targeted students : Final Year students of Electronics Engineering

Number of Students : 21

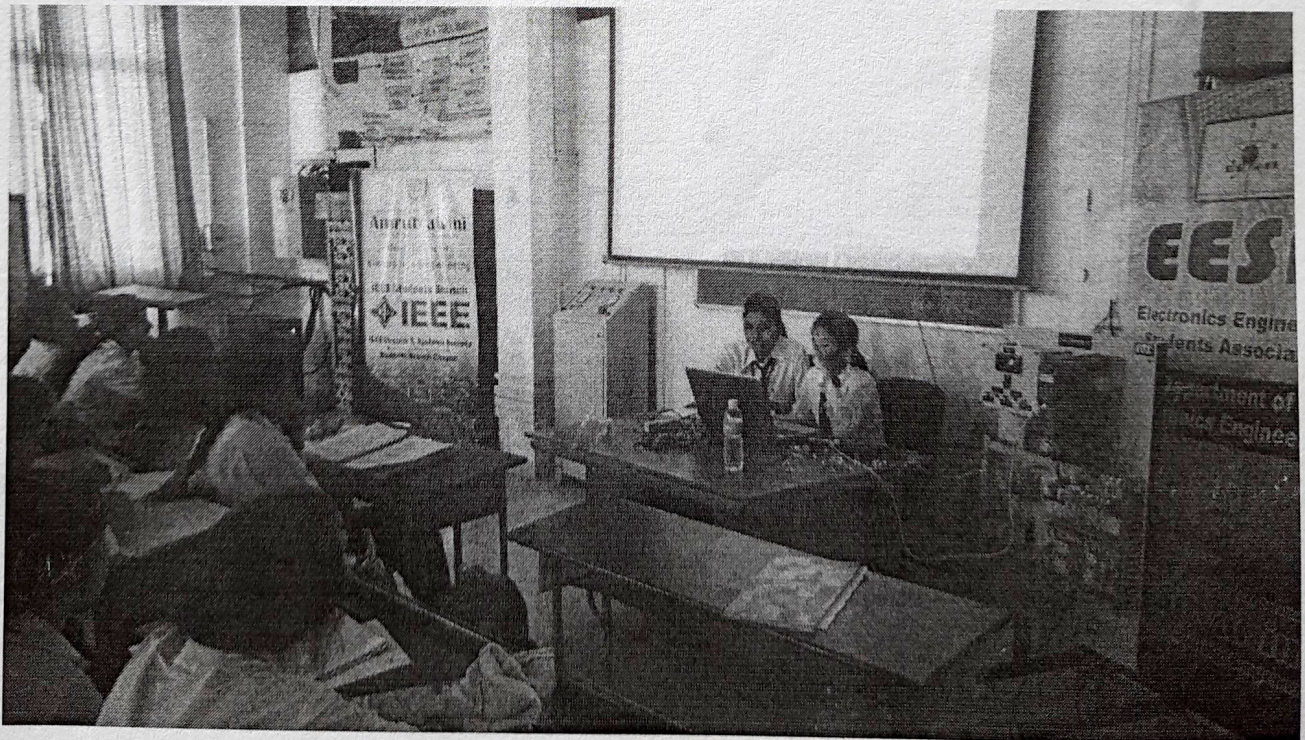
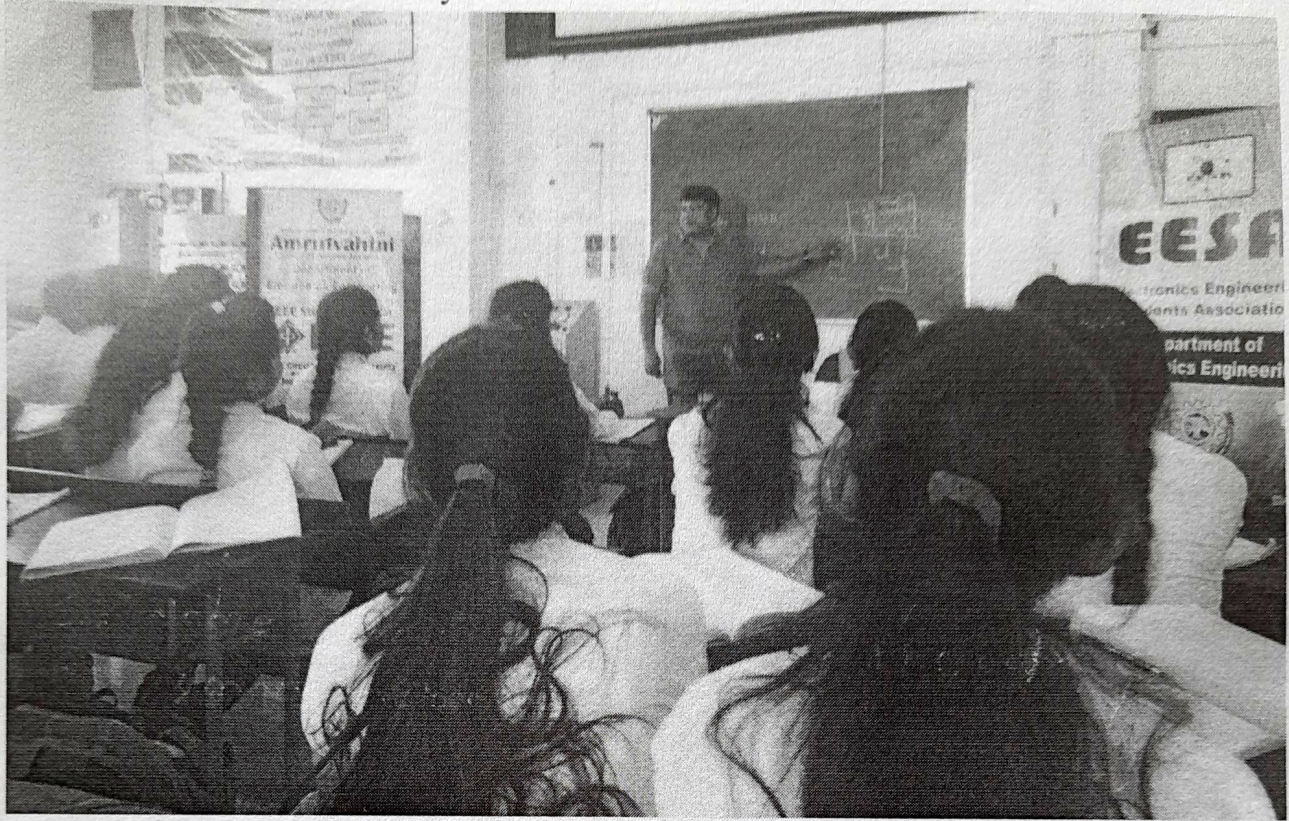
This is for your kind information

Thanking you



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

Workshop on “Variable Frequency Drive” by Mr. Jitendasingh Soun, Fox Solution Pvt. Ltd. during 25th & 26th February 2019.



Mr. Jitendasingh Soun Addressing the students on Variable Frequency Drive

Amrutvahini College of Engineering, Sangamner
Department of Electronics Engineering
Training on Siemens VFD drive, FOX solution, Nasik
Attendance sheet

Date - 25-2-19

Sr. No.	Name of Participants	Slot I 9.00 am - 10.50 am	Slot II 11.00 am - 1.00 pm	Slot III 2.00pm - 5.00pm
1	Bholsenal Vishal S.	Bholsenal	Bholsenal	Bholsenal
2	Joshi Onkar S.	Joshi	Joshi	Joshi
3)	Satpute Nikhil G.	OL	OL	OL
4)	Randhe Aj. 1.11	Randhe	Randhe	Randhe
5)	Tekale Shubham R	Tekale	Tekale	Tekale
6)	Bakore Payal P.	Payal	Payal	Payal
7)	Sanap Smita	Sanap	Sanap	Sanap
8)	Rahane Monika K.	Rahane	Rahane	Rahane
9)	Thete Shruel D	Thete	Thete	Thete
10)	Domale Ujjwalu	Domale	Domale	Domale
11)	Khemner Anita	Anita	Anita	Anita
12)	Supekar Supriya S.	Supekar	Supekar	Supekar
13)	Kumkar Sonali B	Sonali	Sonali	Sonali
14)	Schane Shubhangi	Schane	Schane	Schane
15)	Mungase Rohini	Rohini	Rohini	Rohini
16)	Sonawane Poonam B	Poonam	Poonam	Poonam
17)	Shelkar Sonal Y	Shelkar	Shelkar	Shelkar
18)	Thorat Akanksha	Thorat	Thorat	Thorat
19)	Gaidhane Pragtha	Pragtha	Pragtha	Pragtha
20)	pandhan Devinder	pandhan	pandhan	pandhan
21)	Sharmu Ravi	Sharmu	Sharmu	Sharmu

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Workshop I/C

Er. Rahane S.B. / Er. Kanawade M.T.

Sonali
26/02/2019
Trainer

Er. Jitendra Joun

H
H.O.D

Er. Gundal S.S.

Amrutvahini College of Engineering, Sangamner

Department of Electronics Engineering

Training on Siemens VFD drive, FOX solution, Nasik

Attendance sheet

Date - 26/02/2019

Sr. No.	Name of Participants	Slot I 9.00 am - 10.50 am	Slot II 11.00 am - 1.00 pm	Slot III 2.00pm - 5.00pm
1	Kumkar sonali P.	<u>Kumkar</u>	<u>Kumkar</u>	<u>Kumkar</u>
2	Supakar Supriya S.	<u>Supakar</u>	<u>Supakar</u>	<u>Supakar</u>
3	Sonawane Poonam B.	<u>Sonawane</u>	<u>Sonawane</u>	<u>Sonawane</u>
4	Prajakta Gaidhane	<u>Prajakta</u>	<u>Prajakta</u>	
5	Akanksha Thorat	<u>Akanksha</u>	<u>Akanksha</u>	
6	Theke shweta D.	<u>Theke</u>	<u>Theke</u>	<u>Theke</u>
7	Khairnar Anila B.	<u>Khairnar</u>	<u>Khairnar</u>	<u>Khairnar</u>
8	Domale Vijaya L.	<u>Domale</u>	<u>Domale</u>	<u>Domale</u>
9	Rahane Monika K.	<u>Rahane</u>	<u>Rahane</u>	<u>Rahane</u>
10	Shelkar Sonal Y.	<u>Shelkar</u>	<u>Shelkar</u>	<u>Shelkar</u>
11	Babarre Payal P.	<u>Babarre</u>	<u>Babarre</u>	<u>Babarre</u>
12	sanap smita	<u>sanap</u>	<u>sanap</u>	<u>sanap</u>
13	Sahane Shubhangi	<u>Sahane</u>	<u>Sahane</u>	<u>Sahane</u>
14	Mungase Rohini	<u>Mungase</u>	<u>Mungase</u>	<u>Mungase</u>
15	Tokale Shubham R.	<u>Tokale</u>	<u>Tokale</u>	<u>Tokale</u>
16	pantham ovidhya	<u>pantham</u>	<u>pantham</u>	<u>pantham</u>
17	Sharma Raji S.	<u>Sharma</u>	<u>Sharma</u>	<u>Sharma</u>
18	Bhokmal Ushak S.	<u>Bhokmal</u>	<u>Bhokmal</u>	<u>Bhokmal</u>
19	Joshi onkar S.	<u>Joshi</u>	<u>Joshi</u>	<u>Joshi</u>
20	Satpute Nikhil G.	<u>Satpute</u>	<u>Satpute</u>	<u>Satpute</u>
21	Randhe Ajit M.	<u>Randhe</u>	<u>Randhe</u>	<u>Randhe</u>

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Workshop I/C

Er. Rahane S.B. / Er. Kanawade M.T.

26/02/2019

Trainer.

Trainer
Er. Jitendra Soun

H.O.D

Er. Gundal S.S.