



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

- Organizes - Workshop on “AC Drives Training”

During 11th Feb. 2020 to 20th Feb. 2020

**- Targeted Audience -
TE 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: 13/02/2020

To,
The Principal,
AVCOE, Sangamner

Subject: Report of "Workshop on AC Drive Training"

Respected Sir,

Electronics Department conducted Two Days Workshop on "AC Drive Training :Variable Frequency Drive" for Third Year students of Electronics Engineering on 11th & 12th February 2020. It is organized by Electronics Department. We are herewith submitting the report for the same.

Name of speaker	:	Mr. Jitendasingh Soun
		Fox Solution Pvt. Ltd. Nashik
Subject	:	AC Drive Training
Targeted students	:	Third Year students of Electronics Engineering
Number of Students	:	50

This is for your kind information

Thanking you

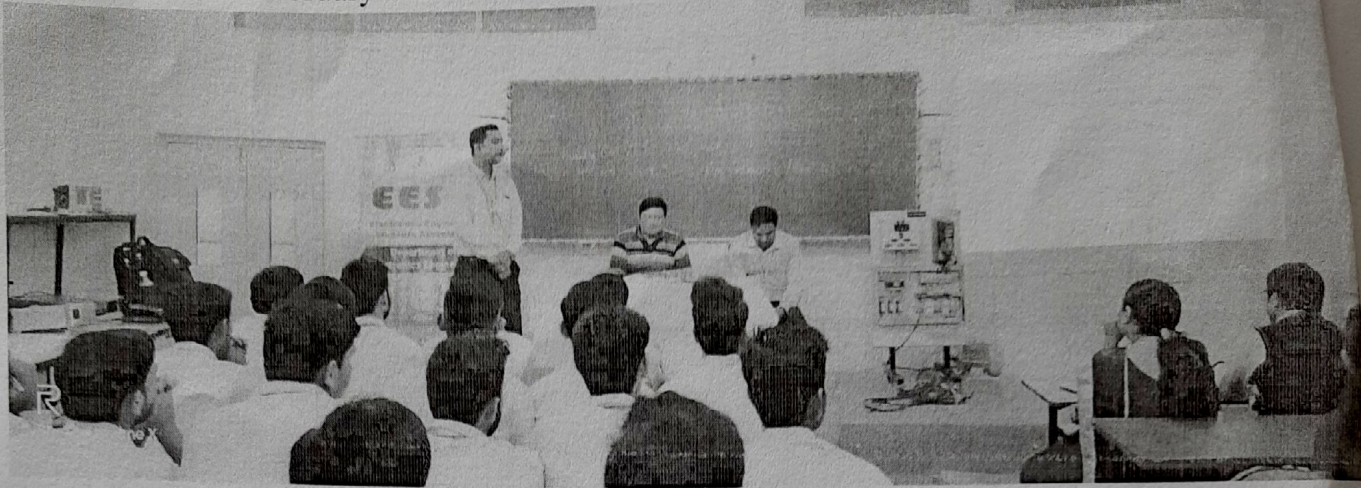


Er. D. A. Mhaske
T&P Coordinator


06/06/20

Er. S. S. Gundal
Head of Department

Workshop on "AC Drive Training" by Mr. Jitendrasingh Soun, Fox Solution Pvt. Ltd. during 11th & 12th February 2020.



AC Drives Training By Jitendrasingh Soun



Photo session By HOD, Staff & Participants

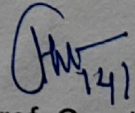
AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING,
AC Drive Training
Fox Solution Pvt. Ltd. Nasik
Class – TE & B.E.

Sr. No.	Full Name of the Candidate	11/02/2020 9.00 to 1.00	11/02/2020 2.00 to 6.00	12/02/2020 9.00 to 1.00	12/02/2020 2.00 to 6.00
1	ABHANG DEEPIKA VISHNU	<u>Abhang</u>	<u>Abhang</u>	<u>Abhang</u>	<u>Abhang</u>
2	BHABAD DISHA SANDEEP	<u>Bhabad</u>	<u>Bhabad</u>	<u>Bhabad</u>	<u>Bhabad</u>
3	BHANGRE GAYATRI PRAVIN	<u>Bhangre</u>	<u>Bhangre</u>	<u>Bhangre</u>	<u>Bhangre</u>
4	CHUTE HINA SUNIL	<u>Chute</u>	<u>Chute</u>	<u>Chute</u>	<u>Chute</u>
5	DARADE TEJAL NAMDEV	<u>Darade</u>	<u>Darade</u>	<u>Darade</u>	<u>Darade</u>
6	DESHMUKH BHAKTI PRASHANTRAO	<u>Bhakti</u>	<u>Bhakti</u>	<u>Bhakti</u>	<u>Bhakti</u>
7	DONGARE AVINASH RAMDAS	<u>Dongare</u>	<u>Dongare</u>	<u>Dongare</u>	<u>Dongare</u>
8	DUBE PUJA DNYANESHWAR	<u>Dube</u>	<u>Dube</u>	<u>Dube</u>	<u>Dube</u>
9	GAVANDI SHIVANI RAVIKIRAN	<u>Gavandi</u>	<u>Gavandi</u>	<u>Gavandi</u>	<u>Gavandi</u>
10	GOPALE SHUBHAM ANNASAHEB	<u>Gopale</u>	<u>Gopale</u>	<u>Gopale</u>	<u>Gopale</u>
11	HIRVE OMKAR RAJENDRA	<u>Hirve</u>	<u>Hirve</u>	<u>Hirve</u>	<u>Hirve</u>
12	JADHAV ROHAN SANJAY	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
13	JAGNAR DNYANDEV BAJIRAV	<u>Jagnar</u>	<u>Jagnar</u>	<u>Jagnar</u>	<u>Jagnar</u>
14	JAGTAP GAURAV KAILAS	<u>Jagtap</u>	<u>Jagtap</u>	<u>Jagtap</u>	<u>Jagtap</u>
15	KAKAD AKSHADA SOPAN	<u>Kakad</u>	<u>Kakad</u>	<u>Kakad</u>	<u>Kakad</u>
16	KANDEKAR SHEETAL SOMNATH	<u>Kandekar</u>	<u>Kandekar</u>	<u>Kandekar</u>	<u>Kandekar</u>
17	KAWADE RAHUL BHIVSEN	<u>Kawade</u>	<u>Kawade</u>	- AB -	- AB -
18	KAWADE SHUBHAM RAJENDRA	<u>Kawade</u>	<u>Kawade</u>	<u>Kawade</u>	<u>Kawade</u>
19	KEDAR SAURABH LAHANU	<u>Kedar</u>	<u>Kedar</u>	<u>Kedar</u>	<u>Kedar</u>
20	KHATODE ANIKET SHARAD	<u>Khatode</u>	<u>Khatode</u>	<u>Khatode</u>	<u>Khatode</u>
21	MAHALE SAGAR SUNIL	<u>Mahale</u>	<u>Mahale</u>	<u>Mahale</u>	<u>Mahale</u>
22	MALI RAHUL MADHAV	- AB -	- AB -	<u>Mali</u>	<u>Mali</u>
23	MALUNJKAR SHIVPRASAD RAJENDRA	<u>Malunekar</u>	<u>Malunekar</u>	<u>Malunekar</u>	<u>Malunekar</u>
24	NAIKWADI NEHA VIJAY	<u>Naikwadi</u>	<u>Naikwadi</u>	<u>Naikwadi</u>	<u>Naikwadi</u>
25	NAVALE MITAL VILAS	<u>Navale</u>	<u>Navale</u>	<u>Navale</u>	<u>Navale</u>
26	NAWALE ASHUTOSH D	<u>Nawale</u>	<u>Nawale</u>	<u>Nawale</u>	<u>Nawale</u>
27	NEHE SURAJ JALINDAR	<u>Nehe</u>	<u>Nehe</u>	<u>Nehe</u>	<u>Nehe</u>
28	PARHAD GOKUL GITARAM	<u>Parhad</u>	<u>Parhad</u>	<u>Parhad</u>	<u>Parhad</u>
29	PATEL SHABINA MANSUR	<u>Patel</u>	<u>Patel</u>	<u>Patel</u>	<u>Patel</u>
30	PAWAR AJAY NAVNATH	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>

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14/02/20

Sr. No.	Full Name of the Candidate	11/02/2020 9.00 to 1.00	11/02/2020 2.00 to 6.00	12/02/2020 9.00 to 1.00	12/02/2020 2.00 to 6.00
31	PHAPALE SUJATA ARUN	<u>Phale</u>	<u>Phale</u>	<u>Phale</u>	<u>Phale</u>
32	RANDHIR HARISHCHANDRA	<u>Randhir</u>	<u>Randhir</u>	<u>Randhir</u>	<u>Randhir</u>
33	SANAP SUMIT KHANDERAU	<u>Sanap</u>	<u>Sanap</u>	<u>Sanap</u>	<u>Sanap</u>
34	SANGALE SUNITA NAVNATH	<u>Sangale</u>	<u>Sangale</u>	<u>Sangale</u>	<u>Sangale</u>
35	SHAIKH MOIN NISAR	<u>Shai</u>	<u>Shai</u>	<u>Shai</u>	<u>Shai</u>
36	SHETE KOMAL BABASAHEB	<u>Shete</u>	<u>Shete</u>	<u>Shete</u>	<u>Shete</u>
37	SHINDE SHILPA TAYAGA	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
38	SUPE ACHYUT MANOHAR	<u>Suppe</u>	<u>Suppe</u>	<u>Suppe</u>	<u>Suppe</u>
39	THITAME SANKET MACHINDRA	<u>Thitame</u>	<u>Thitame</u>	<u>Thitame</u>	<u>Thitame</u>
40	ZAGADE ARVIND RANGNATH	<u>Zagade</u>	<u>Zagade</u>	<u>Zagade</u>	<u>Zagade</u>
41	BODHADE PAPPU SHANKAR	<u>Bodha</u>	<u>Bodha</u>	<u>Bodha</u>	<u>Bodha</u>
42	KANDEKAR ROHIT VILAS	<u>Kandekar</u>	<u>Kandekar</u>	<u>Kandekar</u>	<u>Kandekar</u>
43	JAYBHAYE VILAS BABAN	<u>Jaybhaye</u>	<u>Jaybhaye</u>	<u>Jaybhaye</u>	<u>Jaybhaye</u>
44	NEHE NIKHIL MACHINDRA	<u>Nehe</u>	<u>Nehe</u>	<u>Nehe</u>	<u>Nehe</u>
45	AVHAD SUDHIR BABAN	<u>Avhad</u>	<u>Avhad</u>	<u>Avhad</u>	<u>Avhad</u>
46	SHERMALE SAGAR GOVIND	<u>Shermale</u>	<u>Shermale</u>	<u>Shermale</u>	<u>Shermale</u>
47	RAHANE OMKAR MARUTI	<u>Rahane</u>	<u>Rahane</u>	<u>Rahane</u>	<u>Rahane</u>
48	SHAMBHARKAR SANKET MAHENDRAJI	<u>Shambharkar</u>	<u>Shambharkar</u>	<u>Shambharkar</u>	<u>Shambharkar</u>
49	KHANDAGALE AKSHAYKUMAR LAXMAN	<u>Khandagale</u>	<u>Khandagale</u>	<u>Khandagale</u>	<u>Khandagale</u>
50	NAVALE SUMIT SHIVAJI	<u>Navale</u>	<u>Navale</u>	<u>Navale</u>	<u>Navale</u>


 (Prof. Kanawade M.T. / Dr. Rahane S.B.) (Er. Jitendra Soun)
 Class Teacher / W/S Co-ordinator Fox Solⁿ. Nasik


 (Prof. Gundal S.S.)
 Head of the Department