

Date: 17/11/2021

To
The Head,
Department of Electronics Engineering
AVCOE, Sangamner.

Subject: Permission to conduct curricular/co-curricular activity in the department of Electronics Engineering.

Respected Madam,
Department of Electronics Engineering has planned to conduct a curricular/co-curricular activity in association with IEEE Circuits and System Society (CASS) Students Branch chapter.

Proposed Date of Event: 22/11/2021 to 26/11/2021.

Type of Event: Workshop

Title/Topic: Basics of AC Drives (VFD Drives)

Resource Persons: Ms. M.T. Kanawade

So kindly give a permission to organize the event.

Thanking You,

Yours faithfully

Er. M.T. Kanawade

IEEE Coordinator

HOD

Dept of Electronics Engg

AVCOE Sangamner

To,
Ms. M.T. Kanawade,
Assistant Professor,
Electronics Engineering,
AVCOE, Sangamner

Subject-Invitation as resource person for Workshop on "Basics of AC Drives (VFD Drives)"

Dear Ms. M.T. Kanawade,

Greetings.....!!!!

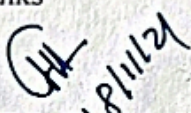
Ma'am, we are planning to conduct Workshop on "Basics of AC Drives (VFD Drives)" from 22/11/2021 to 26/11/2021 for BE students in association with IEEE Circuits and System Society (CASS) Students Branch chapter. The primary aim of arranging such sessions is to create interest among the students about AC Drives.

Being one of the experts in AC drives field, we will be grateful to you if you share your knowledge and experience with our students. Your contribution will be instrumental in keeping the pace with industry requirements and career paths of our students.

I hereby request you to accept our invitation. Kindly accept our invitation.

Looking forward to your kind acceptance.

Thanks


Dr. S.S. Gundal
H.O.D.,
Electronics Engineering

HOD

Dept of Electronics Engu
AVCOE Sangamner

Date: 27/11/2021

To,
The Principal,
AVCOE, Sangamner

Subject: Report of workshop on "Basics of AC Drives"

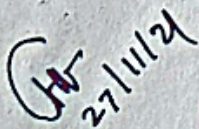
Respected Sir,

Electronics Department conducted Five Days Workshop on "Basics of AC Drive: Variable Frequency Drive" for Final Year students of Electronics Engineering from 22/11/2021 to 26/11/2021. It is organized by Electronics Department. We are herewith submitting the report for the same.

Name of speaker	: Ms. M.T. Kanawade Assistant Professor, Electronics Engineering, AVCOE, Sangamner
Subject	: Basics of AC Drives.
Targeted students	: Final Year students of Electronics Engineering
Number of Students	: 28

This is for your kind information

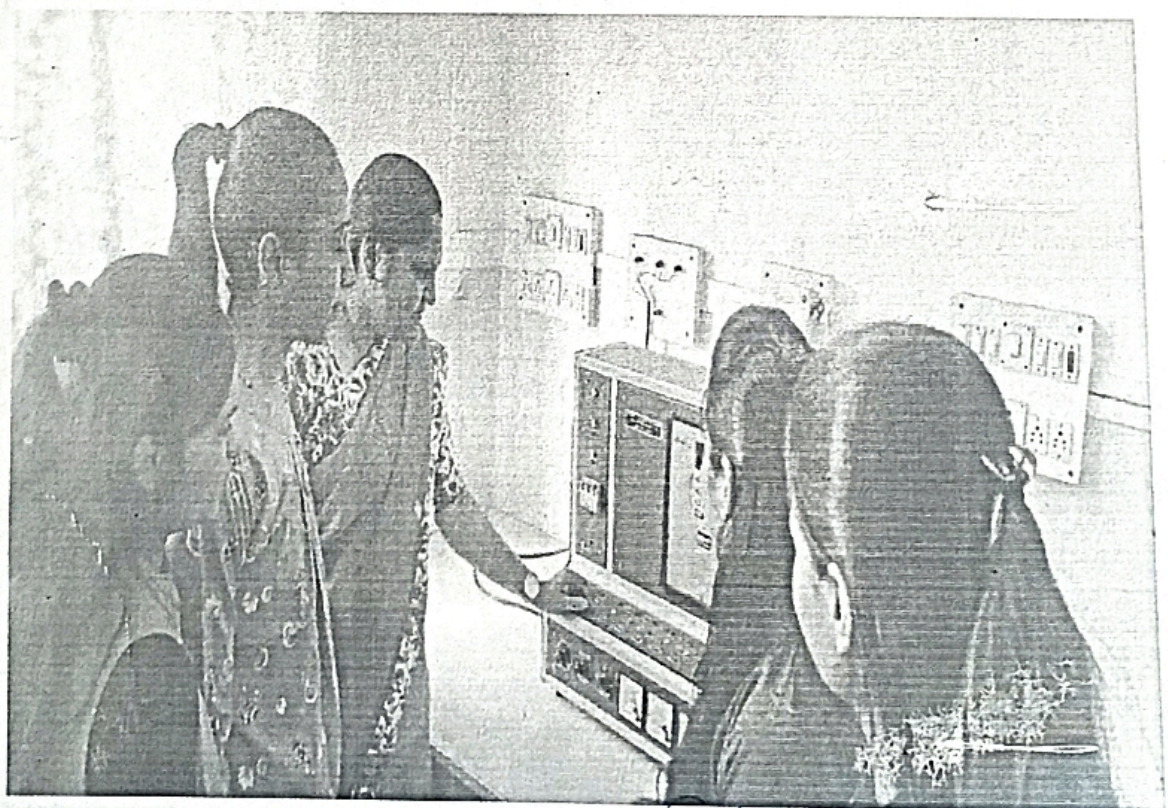
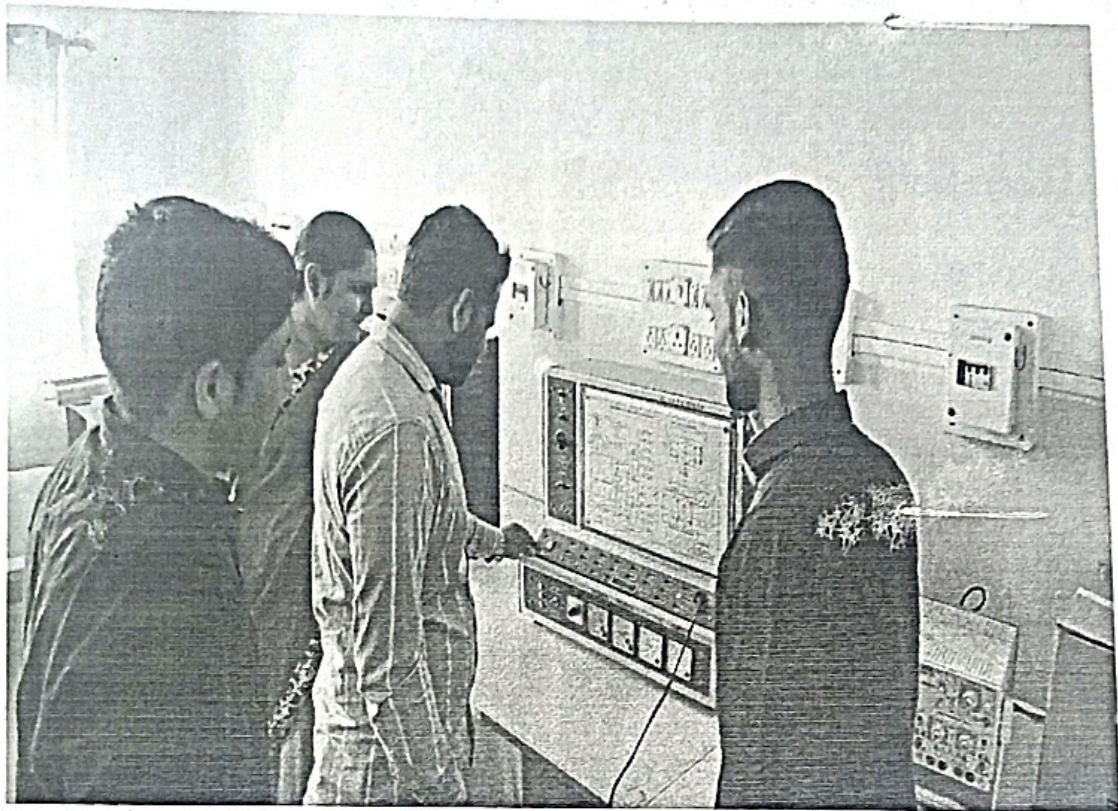
Thanking you

 27/11/21

Dr. S. S. Gundal
Head of Department

HOD

Dept of Electronics Engg
AVCOE Sangamner




HOD
Dept of Electronics Engg
AVOES Sangam

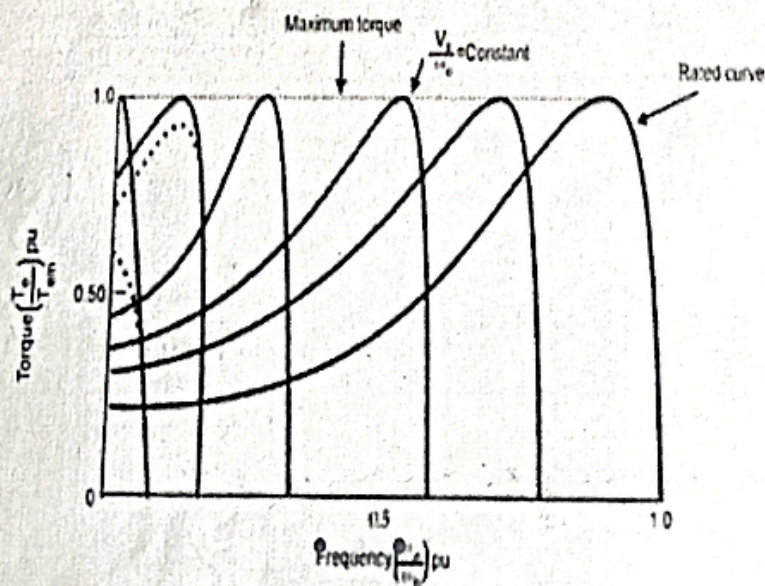
Speed control by v/f method

- The increase in the supply frequency increases the motor speed and also reduces the motor speed.
- The increases in voltage results in an increases in the maximum torque of the motor.
- If we combine these two features, we can achieve a control design by which the speed increases and the torque is kept the same. This is known as voltage/frequency control.

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Induction Motor -Speed control methods

- V/f control



Name	User Action	Date	Timestamp
Manju Kanawade	Joined	11/22/2021, 10:00:29 AM	
Surabhi Nawale	Joined before	11/22/2021, 10:00:29 AM	
Dnyanadeo Narkhede	Joined	11/22/2021, 10:00:39 AM	
Sonali Saykhindikar	Joined	11/22/2021, 10:01:13 AM	
Neha Navale	Joined	11/22/2021, 10:02:00 AM	
Sanket Bhabad	Joined	11/22/2021, 10:02:02 AM	
Pooja Nehe	Joined	11/22/2021, 10:02:14 AM	
Jyotsna Deshmukh	Joined	11/22/2021, 10:02:14 AM	
Suvarna Sangale	Joined	11/22/2021, 10:02:21 AM	
Supriya Hase	Joined	11/22/2021, 10:02:54 AM	
BIDVE KRANTI	Joined	11/22/2021, 10:02:58 AM	
Meghana Landge	Joined	11/22/2021, 10:03:26 AM	
Vaishanvi Gite	Joined	11/22/2021, 10:03:54 AM	
Monali Bhangare	Joined	11/22/2021, 10:04:09 AM	
Shraddha Raut	Joined	11/22/2021, 10:04:47 AM	
Megha Andhale	Joined	11/22/2021, 10:05:27 AM	
Kojagiri Sutar	Joined	11/22/2021, 10:06:36 AM	
Kaveri Pansare	Joined	11/22/2021, 10:06:41 AM	
Priti Shinde	Joined	11/22/2021, 10:07:20 AM	
CHOUDHARI KRUNAL	Joined	11/22/2021, 10:07:42 AM	
Puja Navale	Joined	11/22/2021, 10:07:57 AM	
GHULE HARSHAL	Joined	11/22/2021, 10:08:43 AM	
Kanchan Khemnar	Joined	11/22/2021, 10:09:48 AM	
KSHIRSAGAR PRANALI	Joined	11/22/2021, 10:09:58 AM	
Nikita Kolhe	Joined	11/22/2021, 10:10:16 AM	
Sangita Jaybhay	Joined	11/22/2021, 10:12:34 AM	
Aishwarya Varpe	Joined	11/22/2021, 10:13:52 AM	
BHALERAO KSHITIJ	Joined	11/22/2021, 10:14:37 AM	
Ravina Walave	Joined	11/22/2021, 10:15:10 AM	


HOD
 Dept of Electronics Engg
 OE Sangamner

22/11/2021 to 26/11/2021

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet (Offline)

Activity Name: Workshop on VFD (Basics)Date: 24/11/2021Topic: Basics of AC Drives

Sr. No.	Name of the Student	Class	Signature
1.	Bagwan Maniya Asif		<u>Bagwan</u>
2	Mutadale Sejal Pravin		<u>Mutadale</u>
3	Saykhindikar Ganali Gangadhar		<u>Saykhindikar</u>
4	Khemnar Kanchan A.		<u>Khemnar</u>
5	Joybhaye Sangita B.		<u>Joybhaye</u>
6	Sangle Pallavi S.		<u>Sangle</u>
7	Chavan Pallavi . B.		<u>Chavan</u>
8	Kangane Reshma Anil		<u>Kangane</u>
9	Gite Vaishnavi B.		<u>Gite</u>
10	Nairwadi Ganesh B.		<u>Nairwadi</u>
11	Shinde Sachin D		<u>Shinde</u>
12	Narkhede Dnyandee S.		<u>Narkhede</u>
13	Shinde Sanjay		<u>Shinde</u>
14	Kanawade Vishal L		<u>Kanawade</u>
15	Kanawade Abhishek A.		<u>Kanawade</u>
16	Chaudhari Krunal R.		<u>Chaudhari</u>
17	Ghule Priti Bhau Sahab		<u>Ghule</u>
18	Gosavi Manisha Somnath		<u>Gosavi</u>
19	Priti Shinde		<u>Shinde</u>
20	Meghana Landge		<u>Landge</u>

M. T. Kanawade
Ms. Kanawade M.T.
Workshop Coordinator

M. T. Kanawade
Ms. M. T. Kanawade
IEEE Coordinator

S. S. Gundal
Dr. S. S. Gundal
Head of Department

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Dept of Electronics Engg
AMCE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Activity Name: Workshop on VFD

Date: 26/11/2021

Topic: Basics of AC Drives

Sr. No.	Name of the Student	Class	Signature
1	Baqwan Manoj Rolf		
2	Mutadak Gajal Pravin		
3	Gaykshindikar Sandi Gangadhar		
4	Khennar Yanchan A.		
5	Jaybhaye Mangla B.		
6	Gangale Pallavi S.		
7	Chavan Pallavi B.		
8	Kangane Reshma Anil		
9	Gite Vaishnavi B.		
10	Naikwadli Ganesh B.		
11	Shinde Sachin D.		
12	Naykade Dnyandeo S.		
13	Shinde Sapar M.		
14	Kanawade Abhishek A.		
15	Kanawade Vishal L.		
16	Chaudhari Krunal P.		
17	Ghule Priti Rameshachar		
18	Gogavi Manisha Gannath		
19			
20			

Ms. M. T. Kanawade
Workshop Coordinator

Ms. M. T. Kanawade
TEES Coordinator

Dr. S. S. Gundal
Head of Department