

## **Report On Expert Lecture on “AC Motor Drives”**

22nd October, 2020

Electrical Engineering Department of N K Orchid College of Engineering and Technology, Sholapur organized expert lecture on “**AC Motor Drives**” for students of 4th year Electrical Engineering. The expert talk was delivered by Mr. Arun K, Ingale, Head (Electrical & Automation); KAM Steel integrated Pvt. Ltd., Nigeria. 65 students were present for the session.

In the session, he has focused on following points.

1. Types of Electrical motor Drives & comparison
2. Introduction to AC Drive
3. Speed & Torque Equations & characteristics
4. Speed & Torque control methods of AC motors
5. Control Algorithm - Open loop control, closed loop control.
6. Vector control, Direct Torque control
7. Application of AC drives in steel melting and rolling industries.

Overall, the lecture was very interesting and beneficial to all the students.