

## Electrical Drives



### Lab Description

- Lab In charge : S. S. Dhamse
- Lab Assistant : V. M. Pansare
- Lab Attendant : Shaikh Nazir
- Major Facilities : 1. Static Kramer drive  
2. DC john chopper
- Experimentation  
For Courses : 1. SE- EE 256: Electronics Devices and Circuits  
2. TE- EE 361: Power Electronics  
3. TE- EE 348: Digital Electronics  
4. BE- EE 457: Electrical Drives
- List of Major Equipments

| Sr. No. | Name of Equipment  | Date of Purchase | Total Cost   |
|---------|--|------------------|--------------|
| 1       | Electronically controlled variable speed AC drive trainer set(Vector control)                  | 16/07/2007       | Rs. 1,90,000 |
| 2       | Electronically controlled variable speed DC drive trainer set                                  | 11/10/2006       | Rs. 2,70,570 |
| 3       | Electronically controlled variable AC drive , Trainer inclusive of suitable motor(PWM control) | 16/07/2007       | Rs. 1,10,900 |

|    |   |            |            |
|----|---|------------|------------|
| 4  | Single phase semi controlled converter                      | 09/03/2006 | Rs. 57,676 |
| 5  | CRO high voltage probe X100, 250 MHz                        | 03/04/2006 | Rs. 19,990 |
| 6  | Linear integrated circuit kit                               | 09/01/2013 | Rs. 41,850 |
| 7  | Single phase fully controlled converter                     | 09/03/2006 | Rs. 60,359 |
| 8  | Digital Camera<br>Nikon make S-51 with 2 GB card            | 11/10/2007 | Rs. 15,500 |
| 9  | Two stage RC coupled Transistor Amplifier with Power supply | 21/06/2007 | Rs. 4,893  |
| 10 | Storage memory communication module                         | 03/04/2006 | Rs. 19,950 |

➤ Total cost of equipments : Rs. 9,78,480