

1. Electrical Computer Lab



Lab Description

- Lab In charge : Dr. N. R. Bhasme
- Lab Assistant : D. N. Patil
- Lab Attendant : M. M. Pardesi
- Major Facilities : 1. Internet
2. Various Software (MATLAB, PSCAD, ECAD, PSIM, SKM POWER TOOL, ANSYS ACADEMIC, ITEM, EDSA, ETAP, MI POWER, ORCAD)

- Experimentation For Courses : 1. SE- EE 257: Numerical Computational Techniques

2. TE- EE 349: Power System Analysis

3. TE- EE 359: Simulation lab

- List of Major Equipment/ Software

Sr. No.	Name of Equipment/Software	Date of Purchase	Total Cost
1	MATLAB / Simulink	31/10/2003	Rs. 43,914
2	Computer system 80286	24/03/1992	Rs. 77,700
3	PCS computer	15/01/2003	Rs. 7,47,552
4	ORCAD software	31/03/2003	Rs. 1,42,800
5	ECAD software	08/09/2003	Rs. 2,60,000
6	Multimedia projector SONY	10/01/2014	Rs. 3,11,580

7	PSIM software	28/03/2005	Rs. 2,86,000
8	SKM POWER TOOL	28/03/2003	Rs. 6,50,000
9	ITEM software	17/12/2005	Rs. 3,22,400
10	ANSYS ACADEMIC software	22/02/2013	Rs. 7,50,105
11	PSCAD SOFTWARE	29/05/2003	Rs.197600
12	BITSCOPE FULL	28/03/2005	RS. 130000
13	EDSA SOFTWARE	17/11/2005	Rs. 52000
14	ETAP SOFTWARE	16/11/2005	Rs.166400
15	Lab view software	10/10/2008	Rs.48921
16	UNIVERSAL ANALOG LAB VIEW	10/10/2008	Rs. 48922
17.	MICROWIND SOFTWARE	15/03/2010	Rs. 378000
19	20 SIM MODELLING SOFTWARE	5/03/2010	Rs 405600
20	MI POWER SOFTWARE		Rs. 942880
21	EMPT- RV 3.3 VERSION 5 USERS LICENCE SOFTWARE	1/09/2016	Rs. 252000
22	V4MSE TO X4M25E PSCAD	1/09/2016	Rs. 241000

➤ Total cost of equipments : Rs. 1,24,69,801