1. **Modelling and Simulation (PG)**

Lab Description

- Lab In charge   : M. S. Morey
- 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.ME (EPS) - EE 553: Engineering Computational
   2. ME (EPS) - EE 553: Power System Component
   3. ME (EMD) - EE 653: Engineering Computational

- List of Major Equipment

Sr. No.	Name of Equipment	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	Computers (Total no. Of PC = 80)	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

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