

Department of Electrical Engineering

Innovation in Teaching-Learning

Use of Models

Students along with guidance of faculties have developed various models which add innovation in teaching learning process.

Sr. No.	Development Activity	Name of Contributor	Aim	Outcome
1.	Synchronization Panel for Parallel Operation of Alternators	Mr.V.M. Panchade Mrs.P.N. Korde	To study parallel operation of Alternators	It is used by students for performing the practical related to subject Electrical Machines II
2.	Development of Medium and Long Transmission Line model	Mrs.P.N. Korde	To study the performance of medium and long transmission lines	It is used by students for performing the practical related to subject Power System II
3.	PLC Based Batch Process Control	Mr.G.V. Lakhekar	To study PLC based Batch Process Control	It is used by students for performing the practical related to subject PLC SCADA

4.	Resistivity Measurement Model for different types of conducting materials	Mr.Kushla Lodha	To measure resistivity of different conducting materials	It is used by students for performing the practical related to subject Material Science
5.	Multilevel Inverter	Dr.Asha Gaikwad	To study Multilevel Inverter	It is used by students for performing the practical related to subject Power Electronics
6.	Green Gym - An Alternative Source For Electricity Generation	Dr.Asha Gaikwad	To make student understand the concept of converting one form of energy to another form	Next Batch students have developed project in which they have converter Gravitational energy into Electrical energy