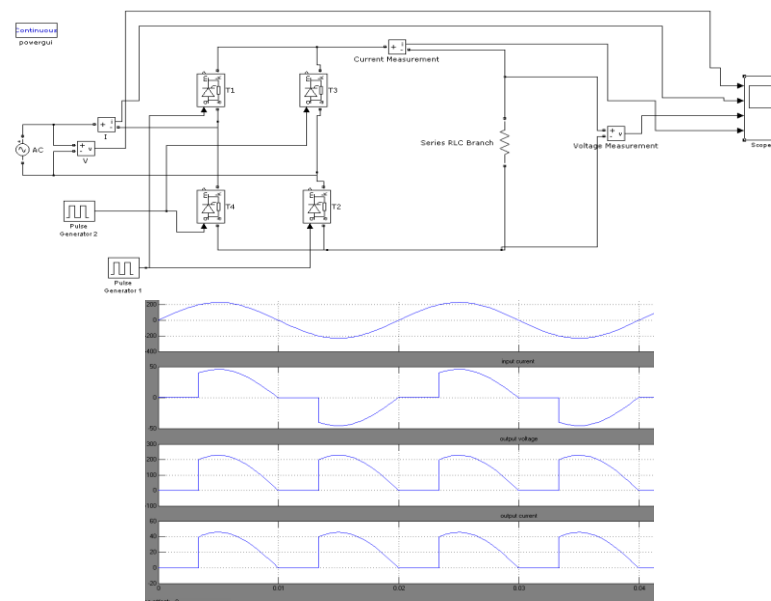




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Activity Supports Employability/Entrepreneurship/Skill Development

Course Code : 15UEE501
Course Name : Power Electronics
Academic Year : 2020 – 2021 (ODD) **Class** : III Year

Category	Employability
Activity	Simulation using Matlab
Topic	Single phase full wave controlled rectifier (Firing angle $\alpha = 60$ degree)



Simulation of Single phase full wave controlled rectifier

Outcome	Power electronics have been fully introduced in industry, in applications such as power supplies, converters, inverters, battery chargers, temperature control, variable speed motors , by studying the effects and the adaptation of electronic power systems to industrial processes. It helps the students to simulate and test more application based circuits which leads to employability.
----------------	---


Course Instructor


HoD/EEE

