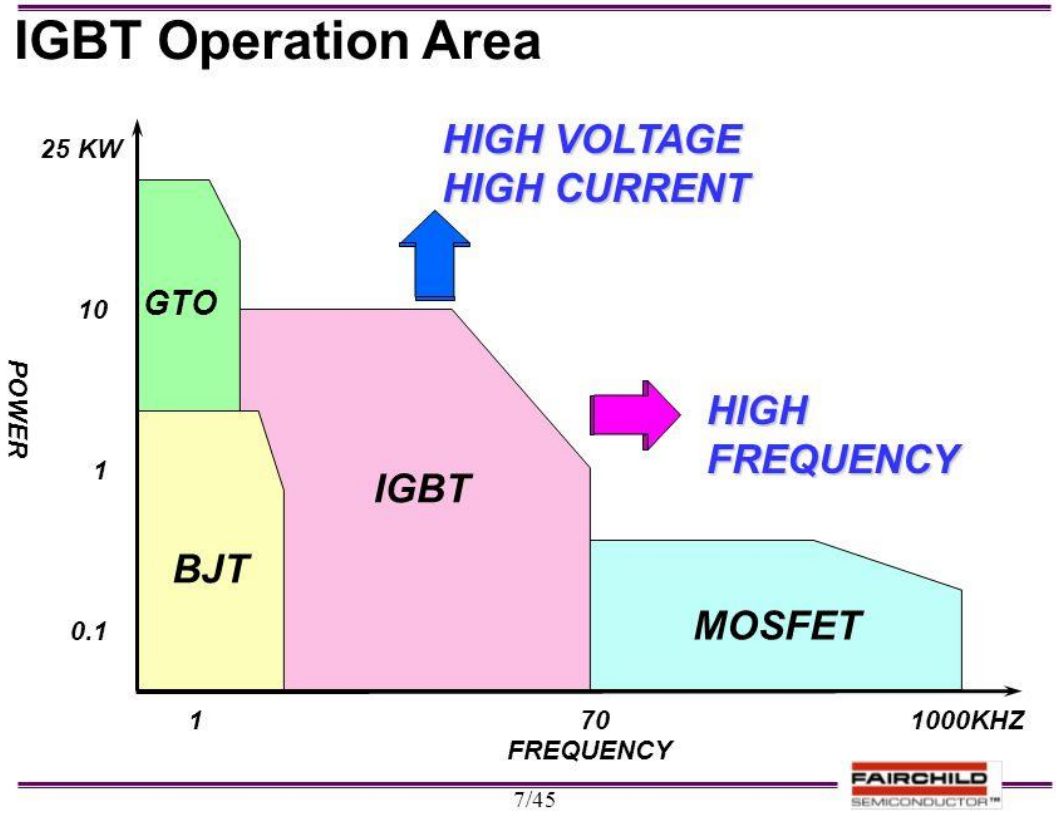
GANDHI SCHOOL OF ENGINEERING,BHABANDHA,BERHAMPUR

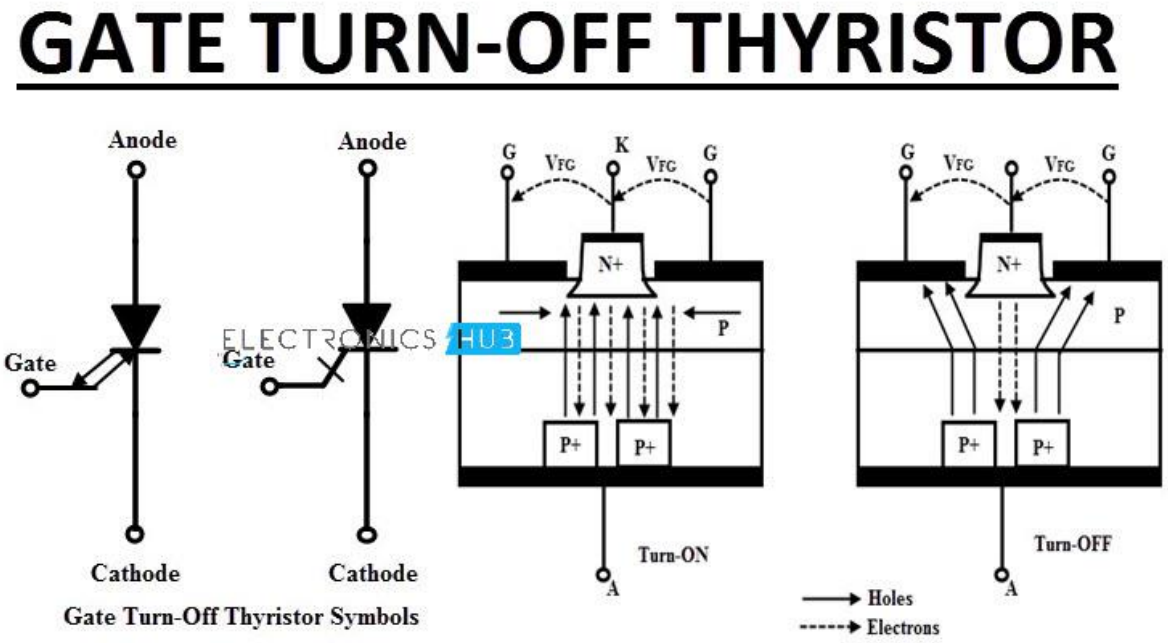
# SUBJECT: POWER ELECTRONICS AND PLC
# SEMESTER:5TH

SUBMITTED BY:-

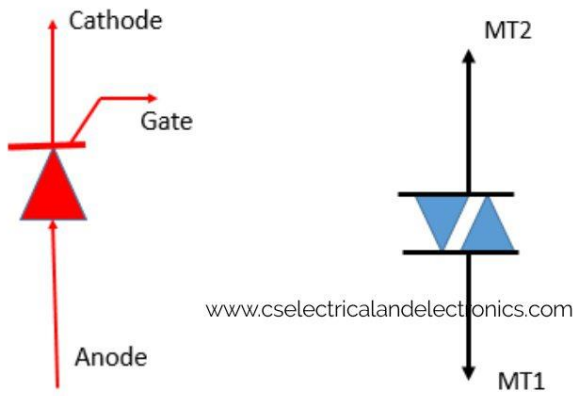
ER. MONALISH GOUDA &ER.RABINDRA DAS

CHAPTER-1:UNDERSTAND THE CONSTRUCTION AND WORKING OF POWER ELECTRONIC DEVICES



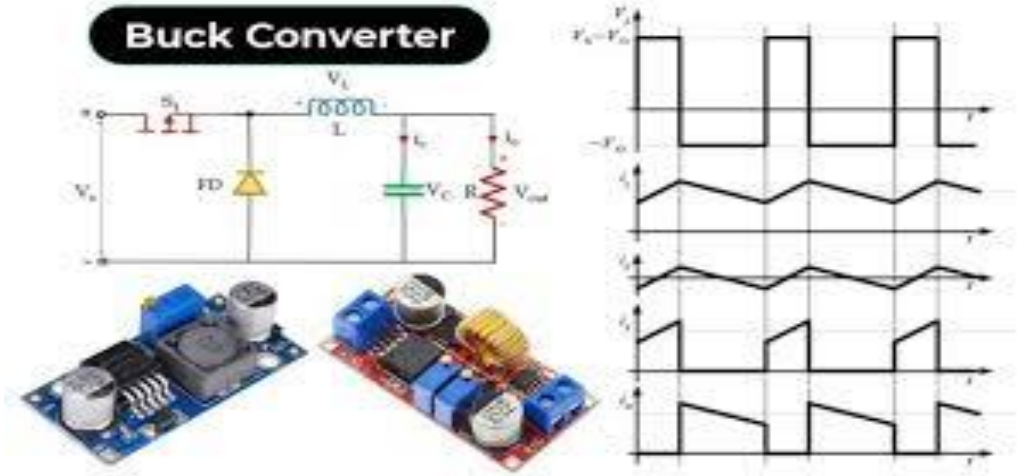



# Difference Between SCR, TRIAC, DIAC

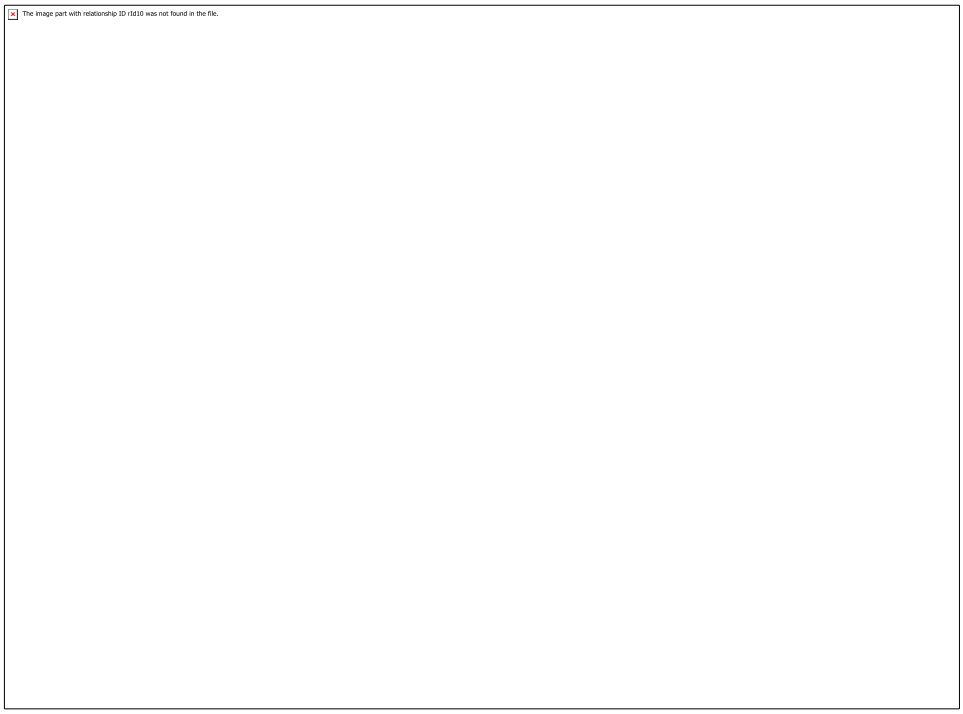


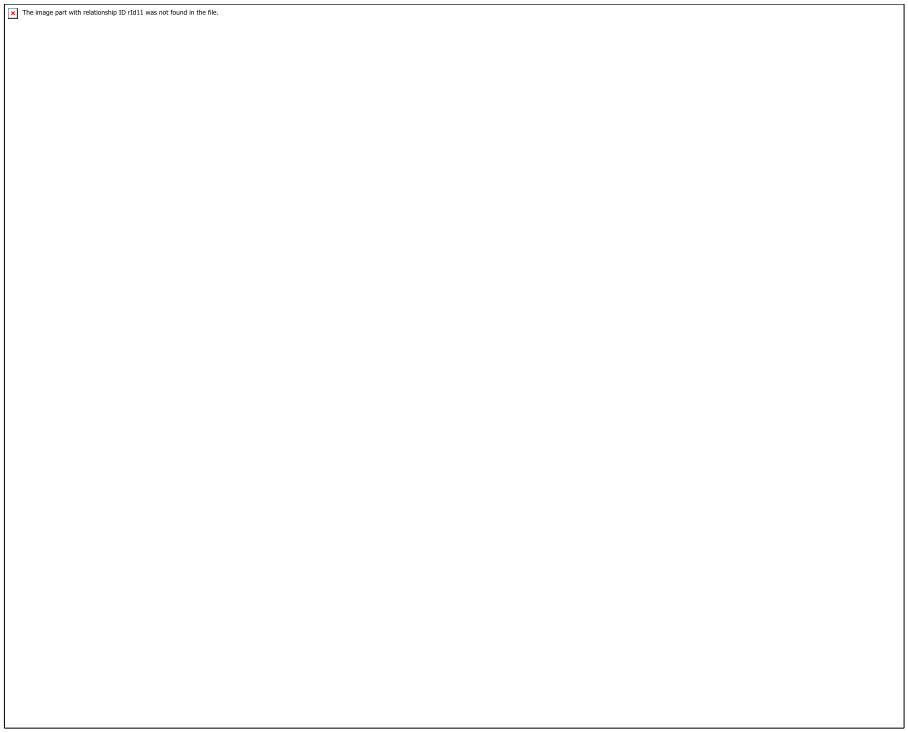

SCR DIAC TRIAC

CHAPTER-2:UNDERSTAND THE WORKING OF CONVERTERS, AC REGULATORS AND CHOPPERS.



# CHAPTER-3:UNDERSTAND THE INVERTERS AND CYCLO-CONVERTERS



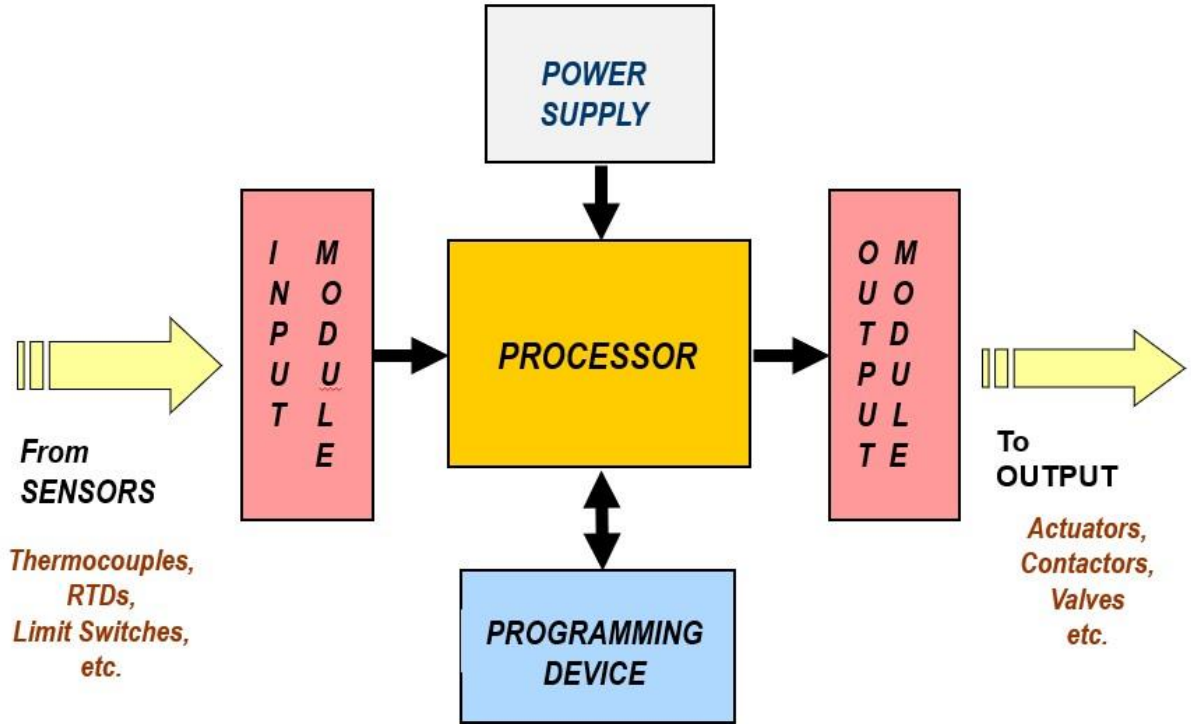



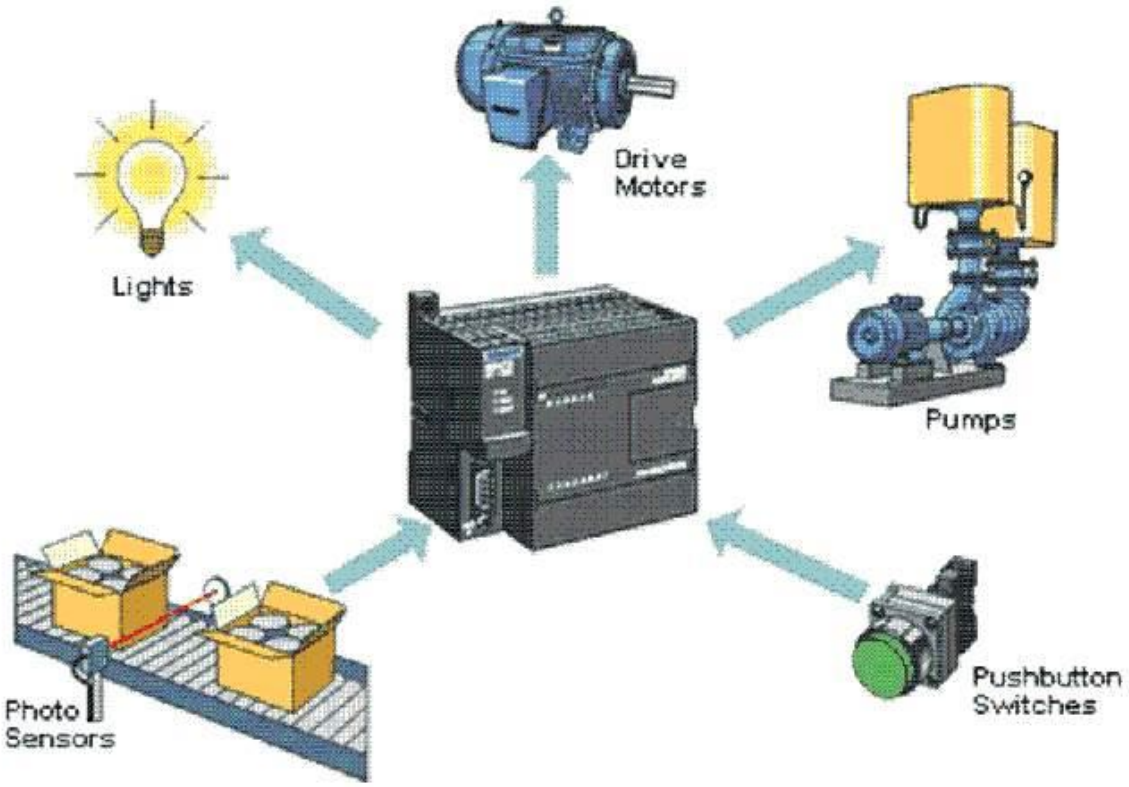
# CHAPTER-4:UNDERSTAND APPLICATIONS OF POWER ELECTRONIC CIRCUITS

www.cselectricalandelectronics.com

SMPS - Switched Mode Power Supply

# CHAPTER-5:PLC AND ITS APPLICATIONS



WHAT IS A
Programmable
Logic Controller
(PLC)?