

SNS COLLEGE OF TECHNOLOGY

Coimbatore-35 An Autonomous Institution



Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF MECHATRONICS

19MCB302 – INDUSTRIAL ELECTRONCIS & APPLICATION III YEAR V SEM

UNIT 2 – PHASE CONTROLLED CONVERTER

TOPIC –Single phase uncontrolled Rectifier

Mr. M.Anand., M.E., (Ph.D.,)

ASSISTANT PROFESSOR,

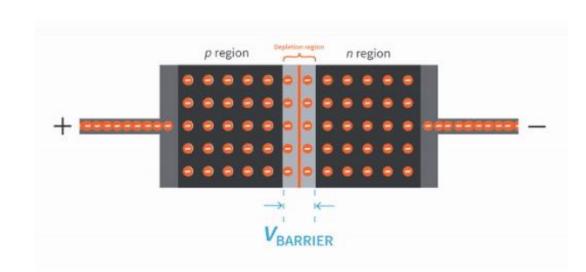
DEPARTMENT OF MECHATRONICS,

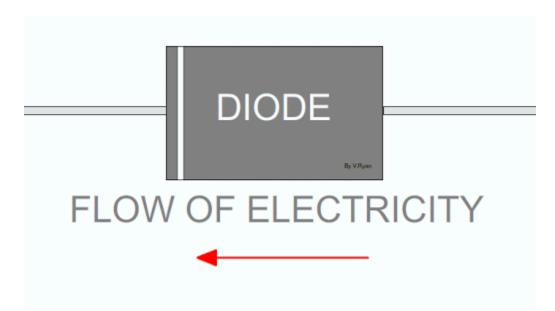
SNSCT, Coimbatore.



Intro-Diode



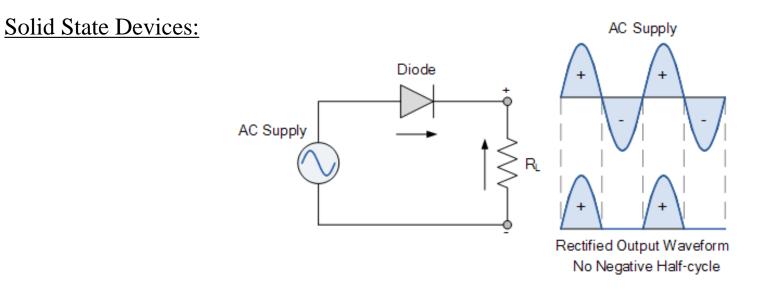








Introduction to Single phase un controlled Converter

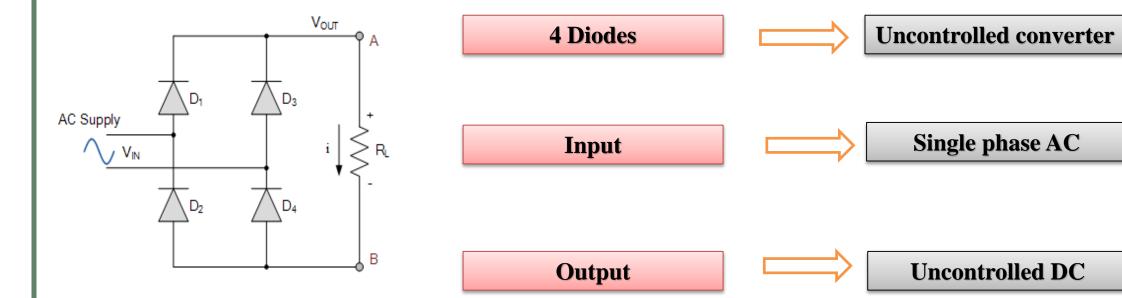


https://www.youtube.com/watch?v=PfWmIQfYIRI



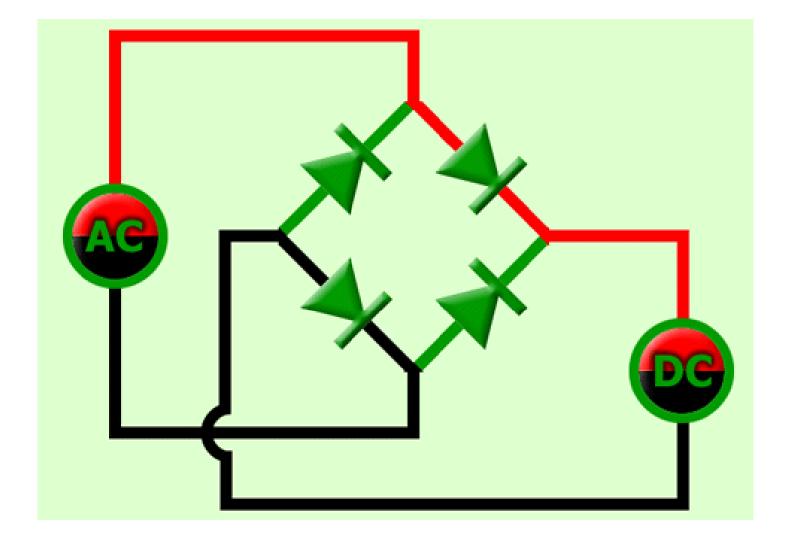
Single phase Uncontrolled Converter



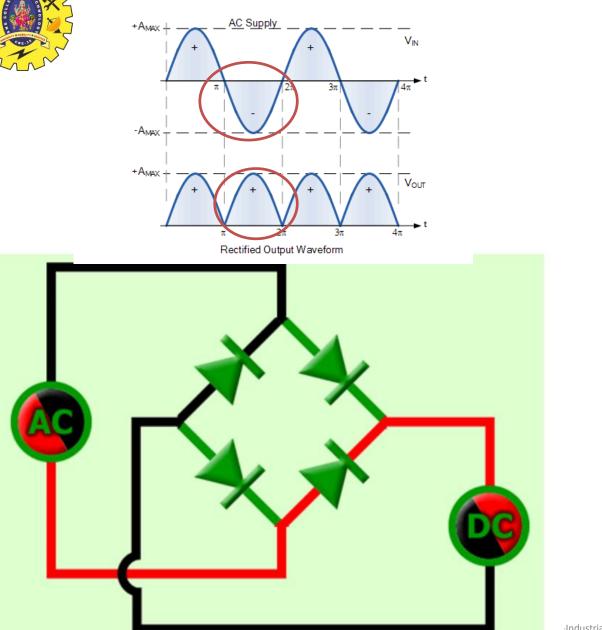


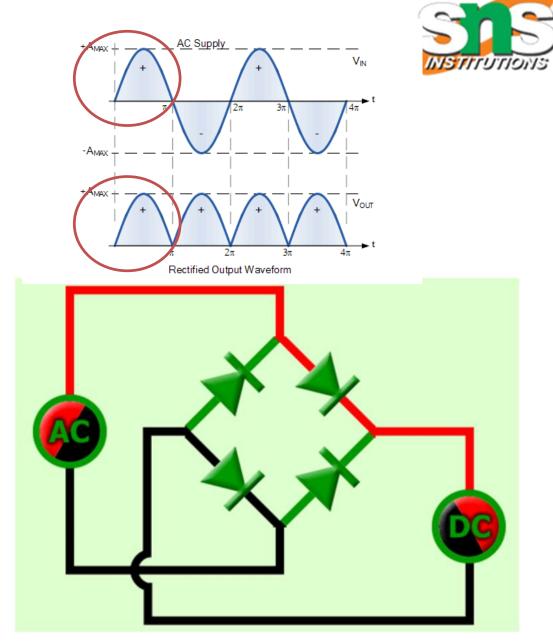






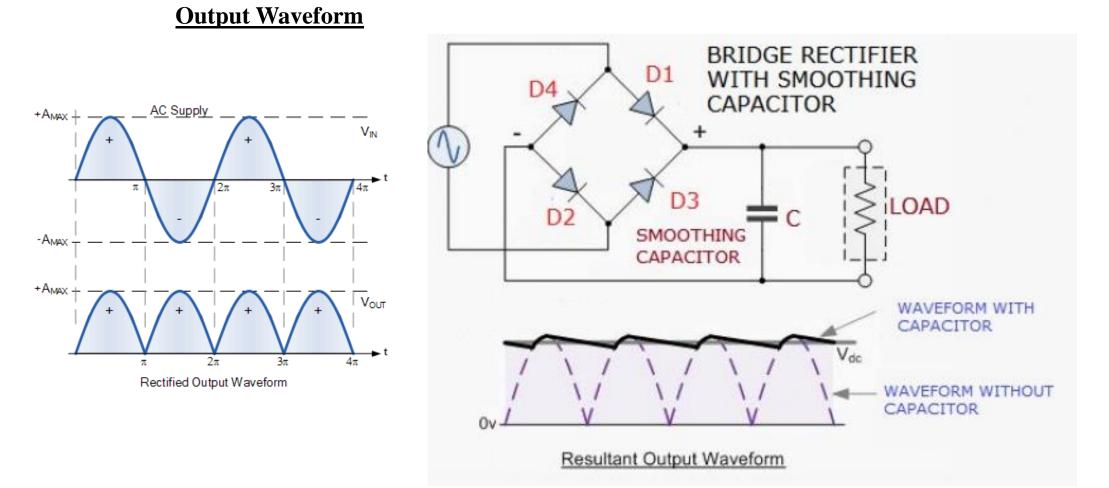
















Assessment - Match the Following

Rectifier	-
Inverter	-
Chopper	-
Cycloconverter	-

AC - AC DC - DC AC - DC DC - AC





References



- 1. <u>https://www.tutorialspoint.com/power_electronics/power_electronics_introduction.htm#:~:text</u> =Power%20Electronics%20refers%20to%20the,efficiency%20and%20reliability%20is%2010 0%25.
- 2. <u>http://www.egr.unlv.edu/~eebag/EE-442-642%20Introduction%20F14.pdf</u>
- 3. <u>https://www.youtube.com/watch?v=djbJm-xWo2w</u>
- 4. https://www.youtube.com/watch?v=jx5l2Fbil8U

