

## **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** –Three phase controlled Rectifier

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#### APPLICATION



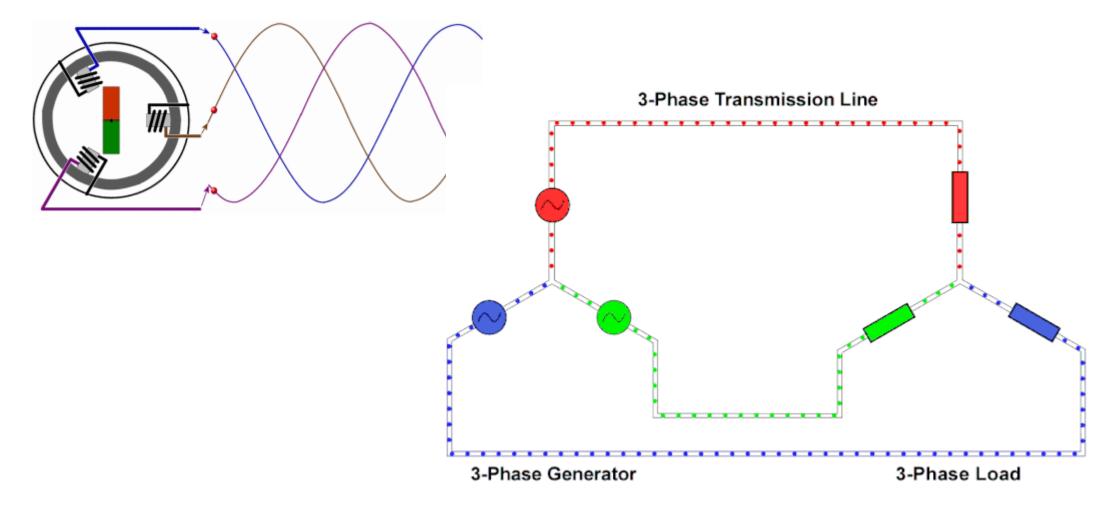


Three Phase Controlled Converter/19MCB302-Industrial Electronics & Application – M.Anand/AP/MCT/SNSCT



#### **Intro-Three Phase**

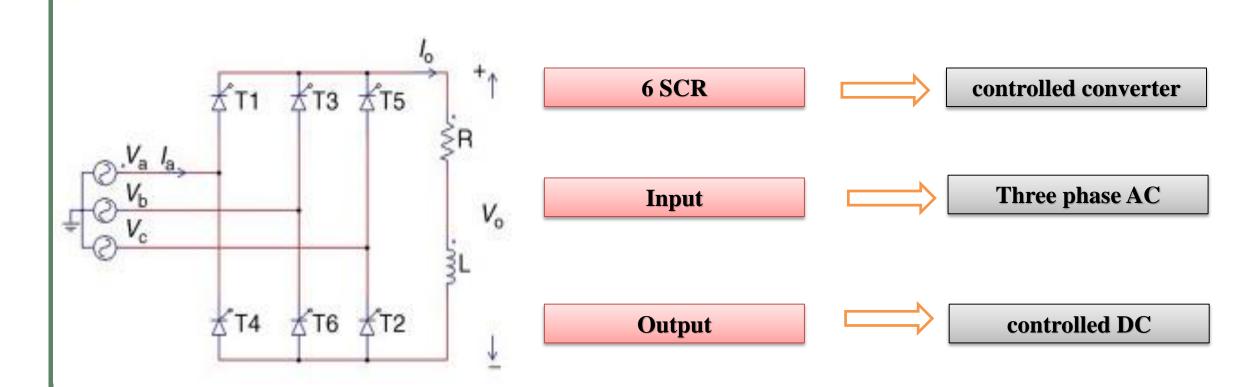






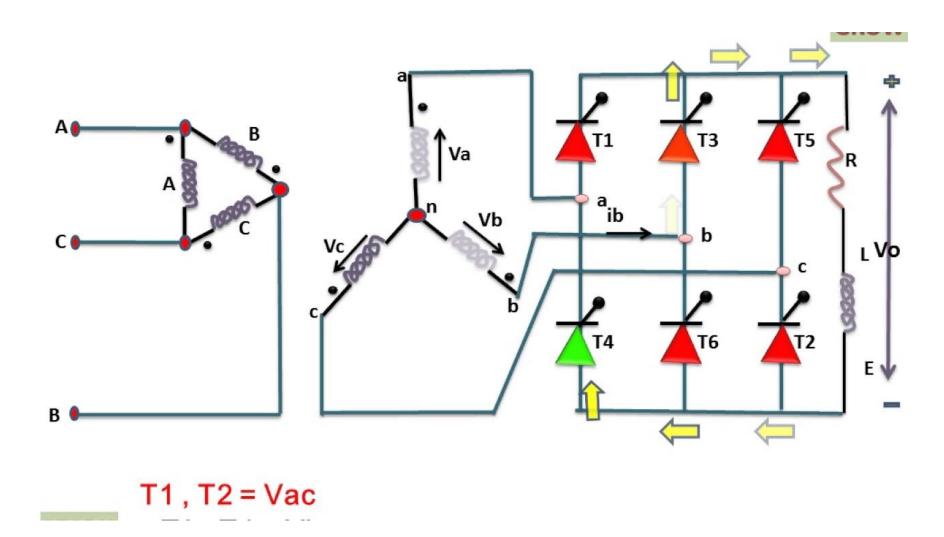
#### Single phase controlled Converter



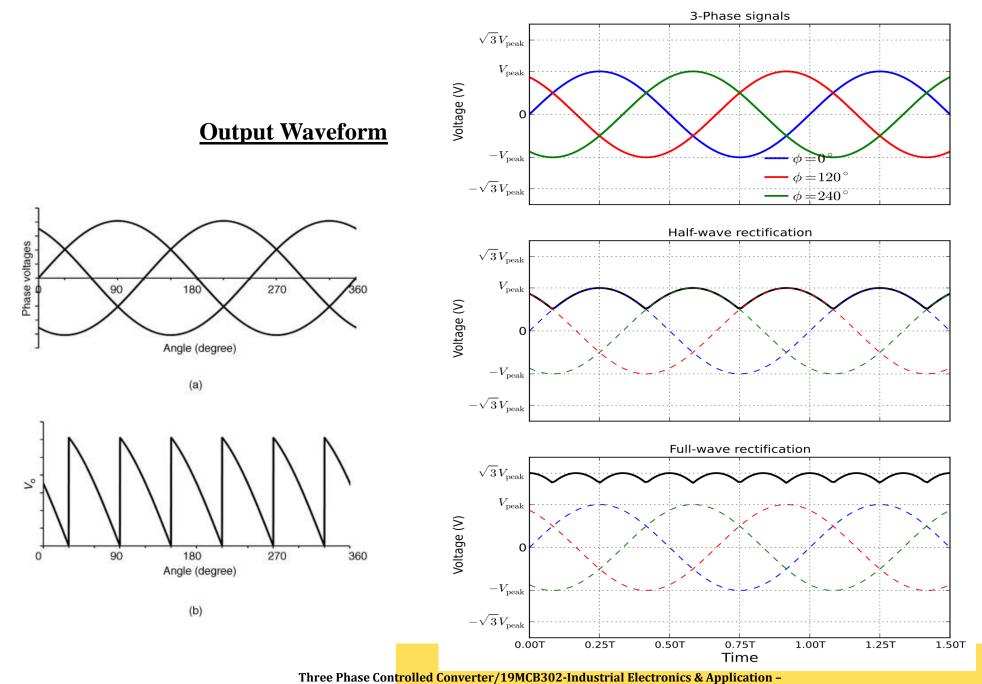












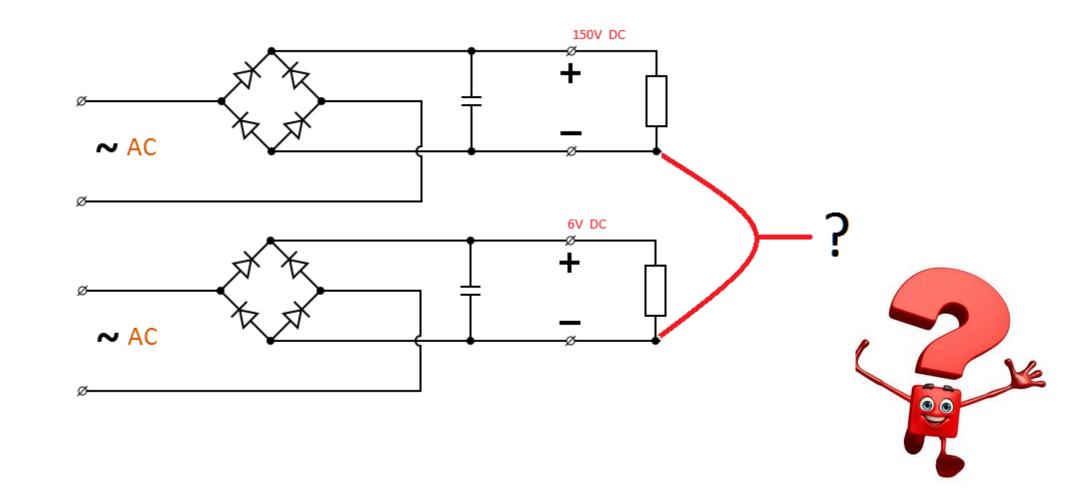
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# Assessment - If connect two negative in following circuit, what will happen? Why?







## References



- 1. <u>https://www.electronics-tutorials.ws/power/single-phase-rectification.html</u>
- <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.
- 3. http://www.egr.unlv.edu/~eebag/EE-442-642%20Introduction%20F1
- 4. <a href="https://www.youtube.com/watch?v=djbJm-xWo2w">https://www.youtube.com/watch?v=djbJm-xWo2w</a>
- 5. <u>https://www.youtube.com/watch?v=jx5l2Fbil8U</u>

