

# Power Electronics

Written by Administrator  
Saturday, 07 November 2009 06:00 -

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Subject Code		:
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IA Marks		: 25
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No. of Lecture Hrs/Week		: 04
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Exam Hours		: 03
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Total no. of Lecture Hrs.		: 52
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Exam Marks		: 100
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## PART - A







Unit - 8

**Invertors:** Introduction, Principles of operation, Performance parameters, 1 $\phi$  bridge inverter, voltage control of 1 $\phi$  invertors, current source invertors, Variable DC link inverter.

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7 Hours

**Text Books:**

1. **“Power Electronics”** - M. H. Rashid 3<sup>rd</sup> edition, PHI / Pearson publisher 2004.
2. **“Power Electronics”** - M. D. Singh and Kanchandani K.B. TMH publisher, 2<sup>nd</sup> Ed. 2007.

### Reference Books:

1. **“Thyristorized Power Controllers”** - G. K. Dubey S. R. Doradla, A. Joshi and Rmk Sinha  
New age international (P) ltd reprint 1999.
2. **“Power Electronics”** - Cynil W. Lander 3<sup>rd</sup> edition, MGH 2003.