



INDIAN INSTITUTE OF TECHNOLOGY  
GUWAHATI

# ***Electrical Machines Laboratory***

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**0-0-3-3**

**EE381**

Open circuit and short circuit tests of single phase transformer, three phase transformer connections, open circuit test and load characteristics of DC generator, speed control and output characteristics of DC motor, no load, blocked rotor and load tests on induction motor, open circuit and short circuit tests of an alternator.

## ***Texts/References:***

1. S. Chapman, Electric Machinery Fundamentals, 4th Ed., McGraw-Hill, 2003.
2. R. K. Rajput, Electrical Machines, 3rd Ed., Laxmi Publications (P) Ltd., 2003.