

Mini Projects Suggested Topics (Revised)

- 1- Line Start Permanent Magnet Synchronous Machines
- 2- Brushless Doubly-Fed Reluctance Machines
- 3- Switched-Flux Permanent Magnet Synchronous Machines
- 4- Vernier Permanent Magnet Machines
- 5- Flux-Reversal Permanent Magnet Synchronous Machines
- 6- Permanent Magnet Assisted Synchronous Reluctance Motor
- 7- Yokeless and Segmented Armature (YASA) Motors
- 8- Transverse Flux Motors
- 9- Bearingless Motors
- 10- Doubly-Fed Induction Generators used for Wind turbine
- 11- Comparison of Wound Field Synchronous, Doubly Fed Induction, and Permanent Magnet Machines

Reference:

Reluctance Electric Machines Design and Control, by Ion Boldea, CRC Press, 2019