



**GANDHI SCHOOL OF
ENGINEERING, BHABANDHA, BERHAMPUR**

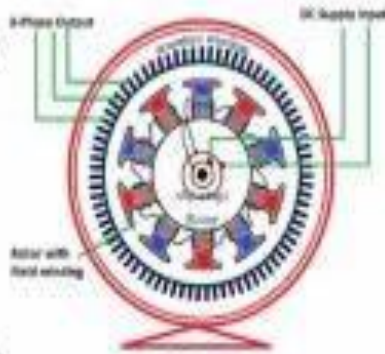
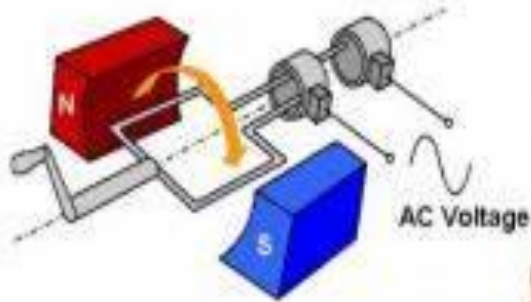
**SUBJECT: ENERGY CONVERSION-II
SEMESTER:3RD**


SUBMITTED BY:-

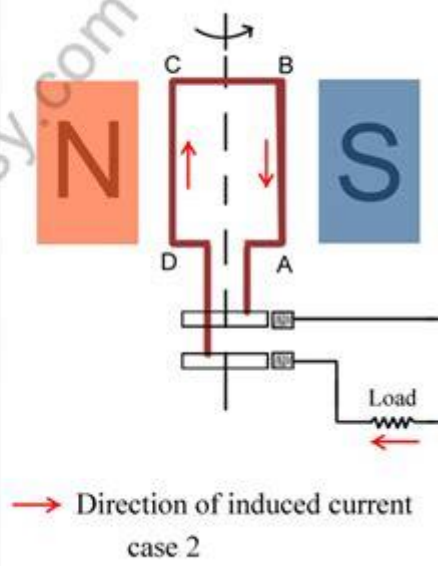
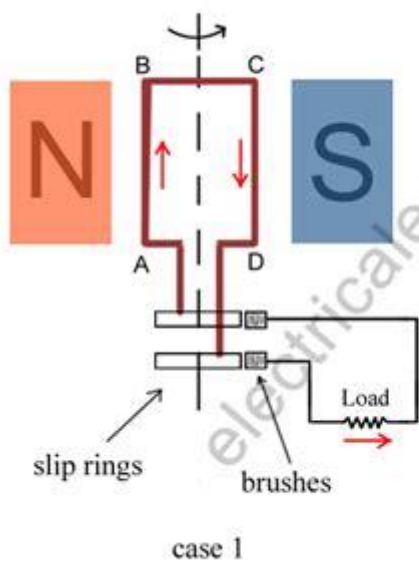
ER. BISHNU PRASAD PANDA

CHAPTER-1:ALTERNATOR:

What is the Working Principle of Alternator?

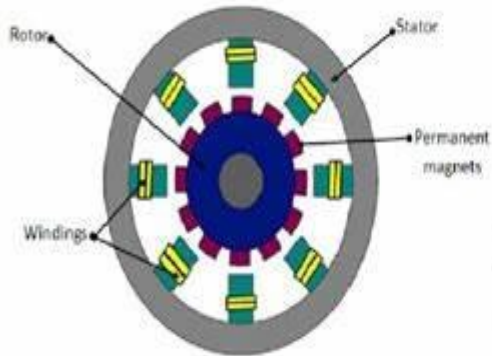


 **Electrical 4 U**



CHAPTER-2: SYNCHRONOUS MOTOR:

Synchronous Motor



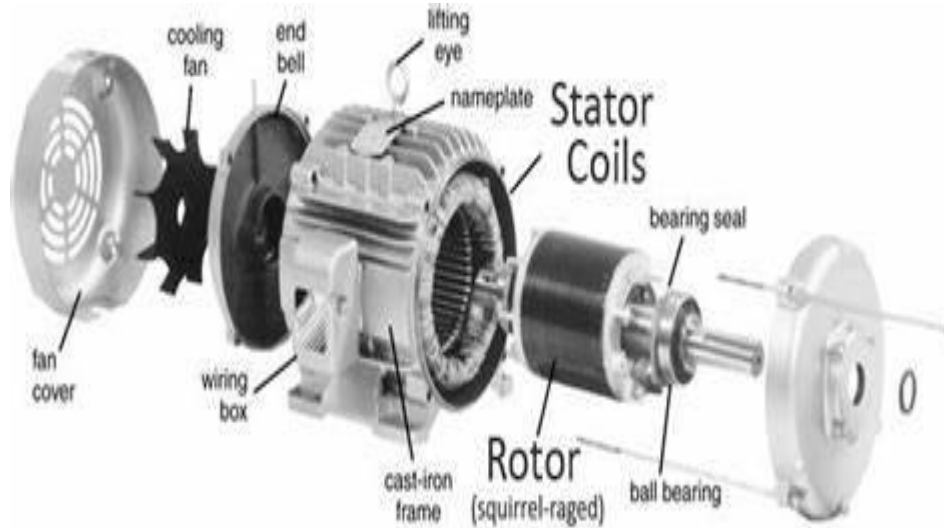
ElectricalMag.com

Know All About Synchronous Motor



Starting Method
Characteristics
Application
Principle
Types
Merits
Demerits
Model Diagram
Phasor Diagram

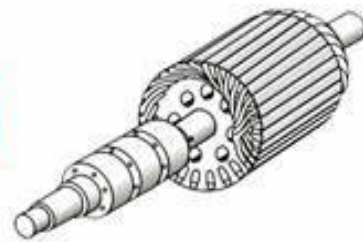
CHAPTER-3: THREE PHASE INDUCTION MOTOR:



Squirrel Cage



Slip Ring

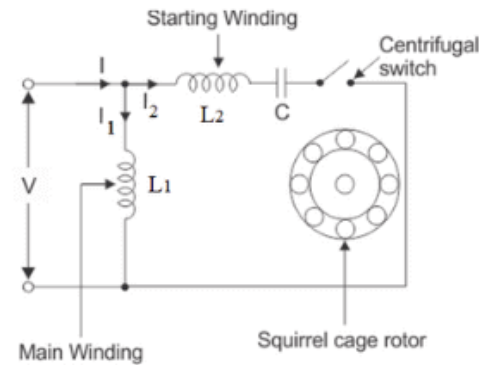
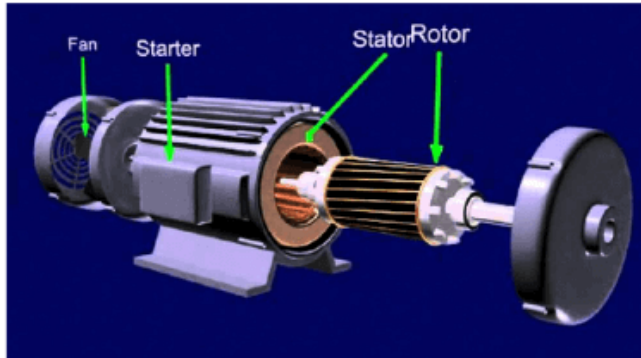


Vs

Squirrel Cage and Slip Ring Rotor

CHAPTER-4: SINGLE PHASE INDUCTION MOTOR:

What is a Single Phase Induction Motor?



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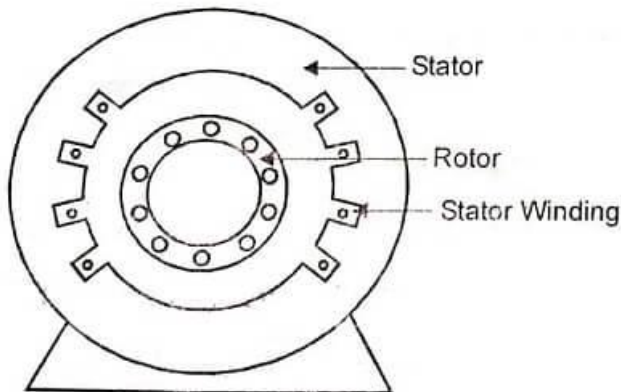


Figure (a)

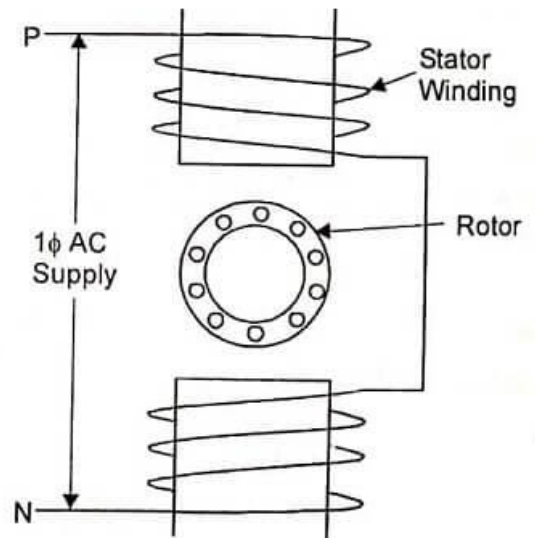
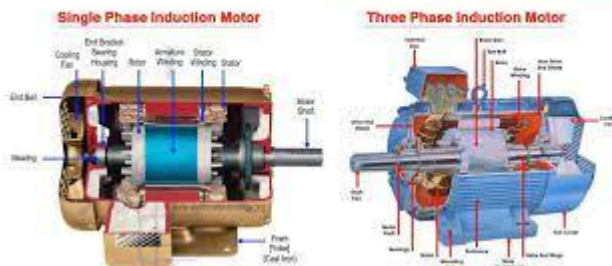
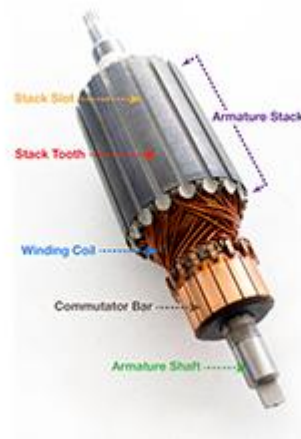


Figure (b)

Differences between 1- Phase & 3-Phase Induction Motors



CHAPTER-5: COMMUTATOR MOTORS:



CHAPTER-6: SPECIAL ELECTRICAL MACHINE:

