



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)



Basics Elements of Electrical Drive

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SNS College of Technology



UNIT-2

Electrical Motors

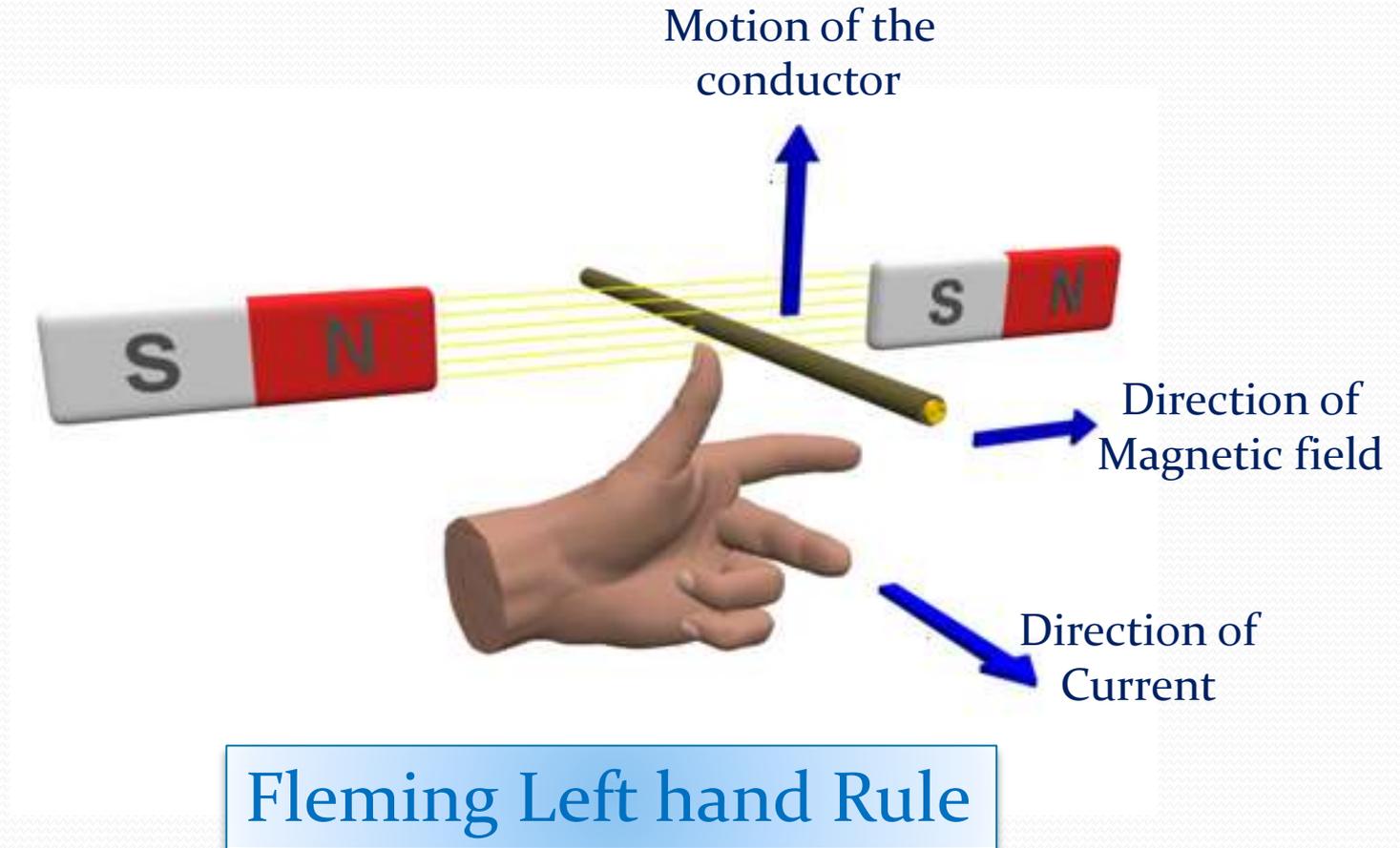


What is Motor.....?



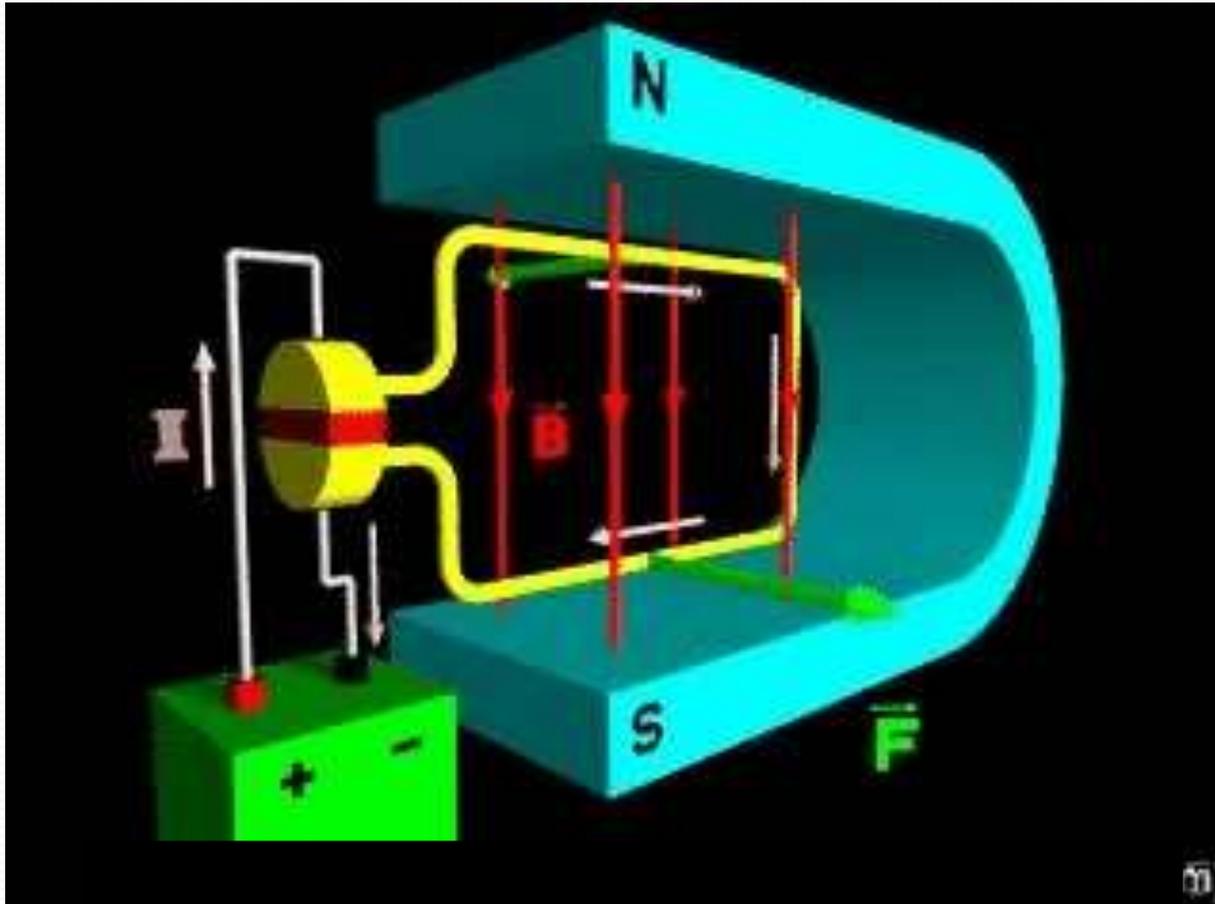


Working Principle of Motor



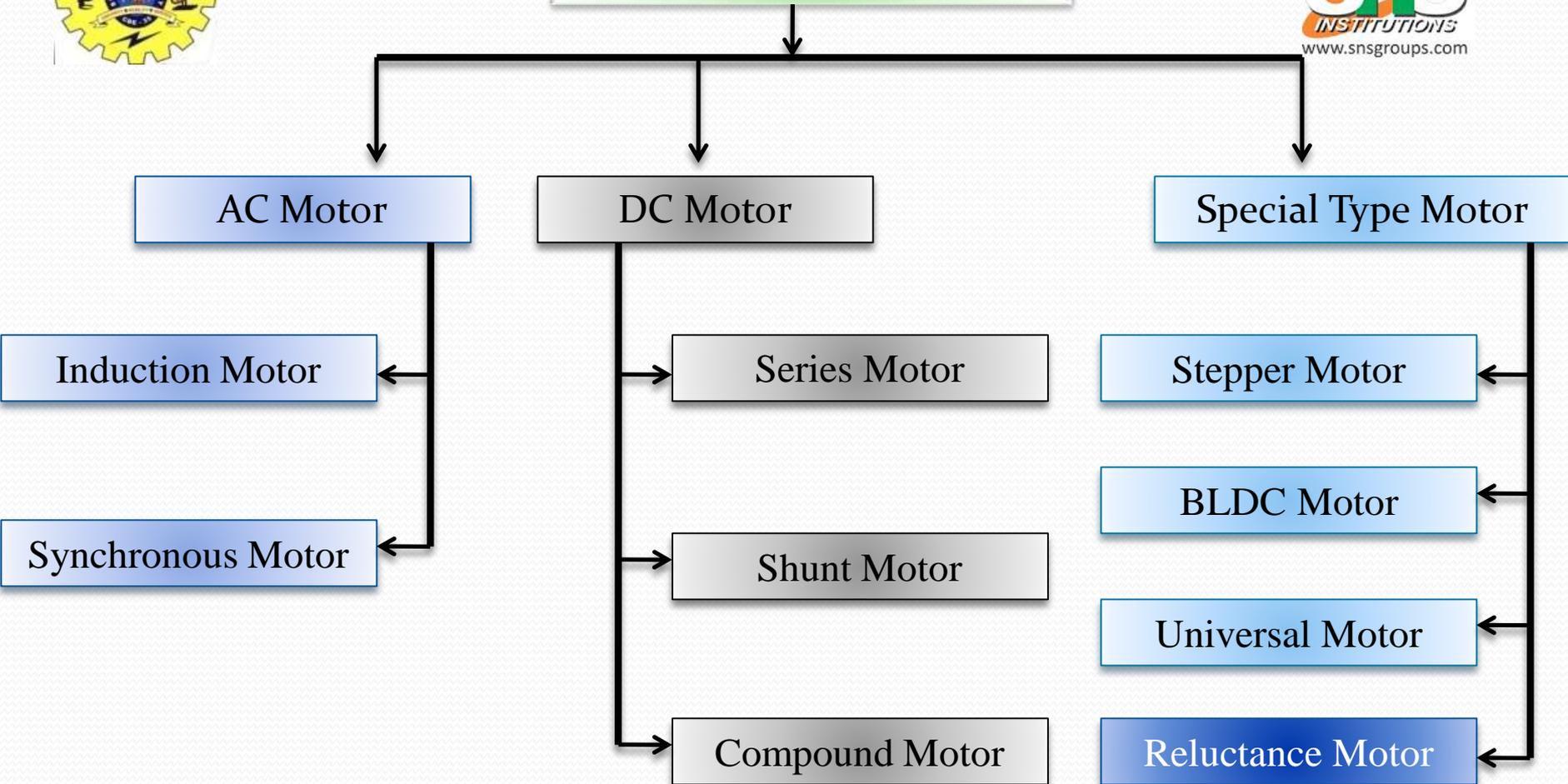


Fleming Left hand Rule

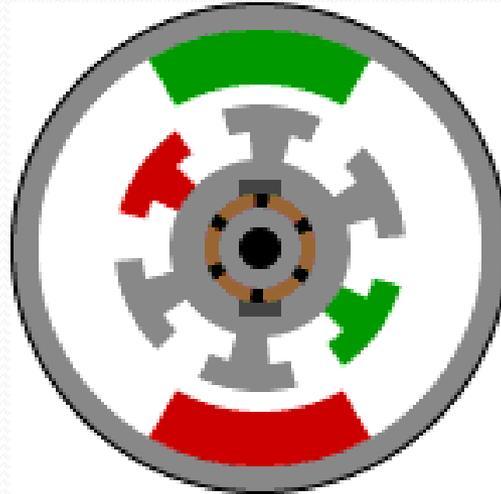




Types of Motor



DC Motors



- The Field is the stationary outside part of a motor. The Armature is the inner part which rotates.
- Just as the rotor reaches alignment, the brushes move across the commutator contacts and energize the next winding
- The brushes of a dc motor have several limitations; brush life, brush residue, maximum speed, and electrical noise