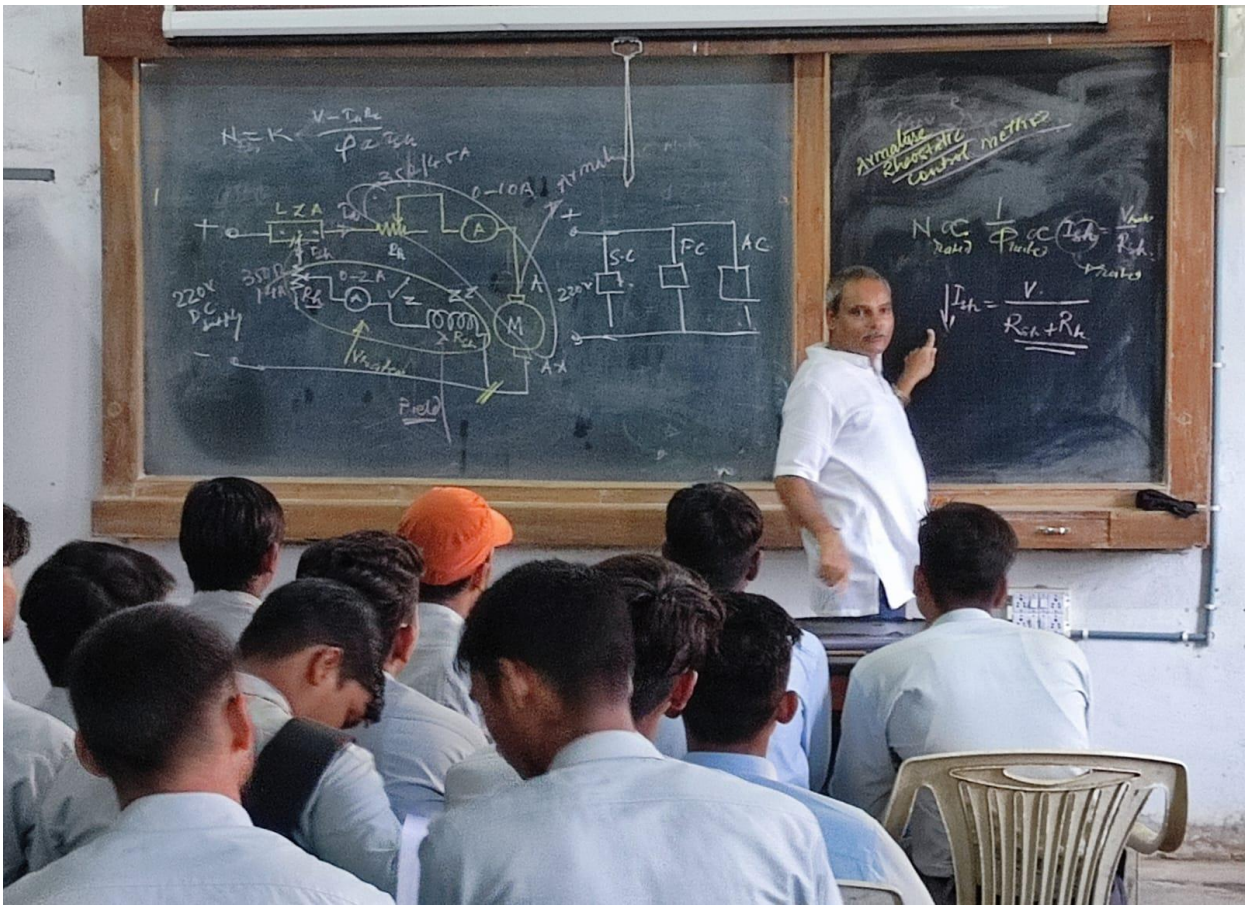
SAMRAT ASHOK TECHNOLOGICAL INSTITUTE , VIDISHA (M.P.)

A grant-in-aid Autonomous Engineering College Estd. in 1960
(Approved from AICTE and affiliated to RGPV & BU, Bhopal)

Electrical Engineering Department

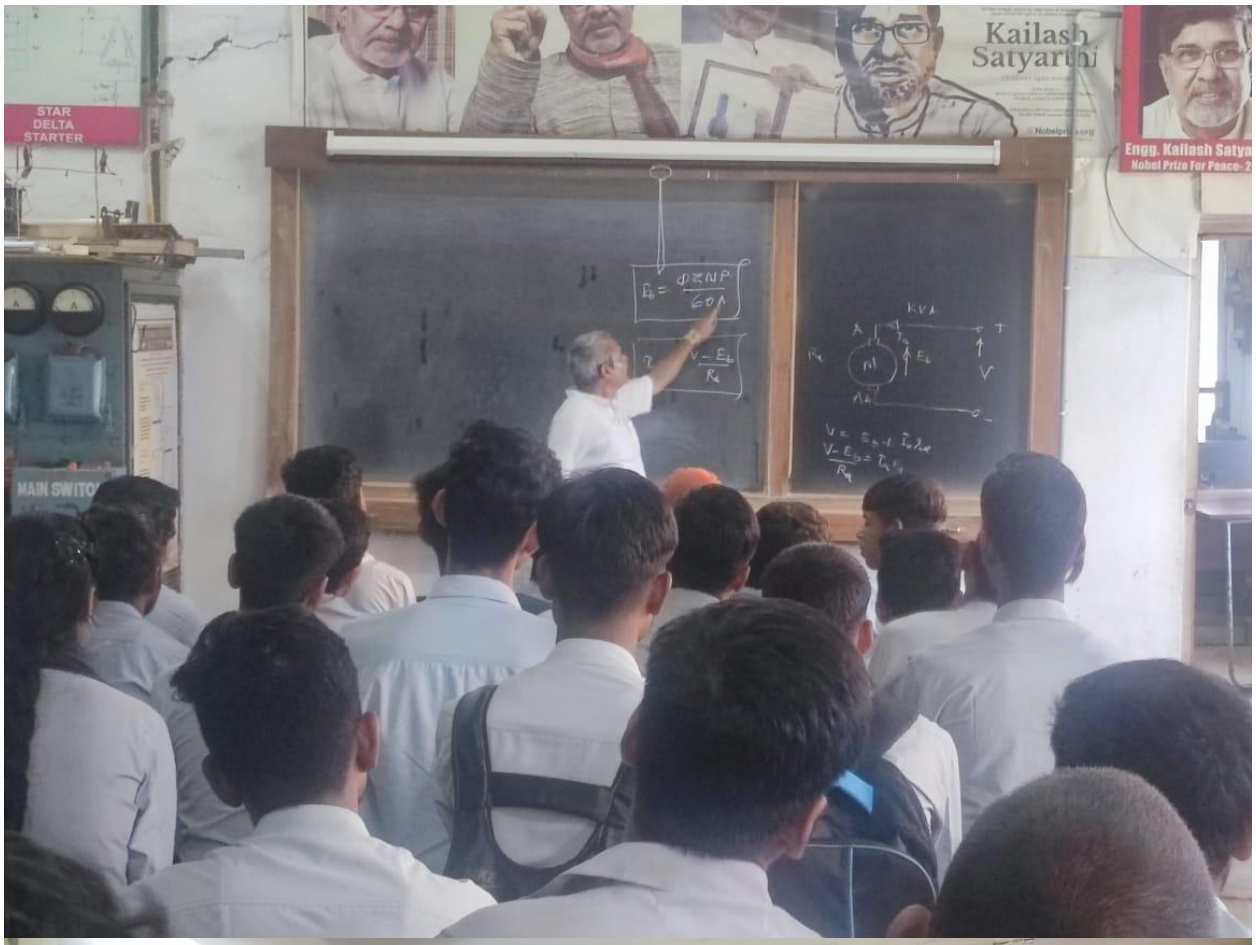
Subject: Polytechnic SATI final Year Electrical students visit in Electrical Machine Lab on 23.09.2024.

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE
(ENGINEERING COLLEGE) VIDISHA (M.P.)
Department of Electrical Engineering

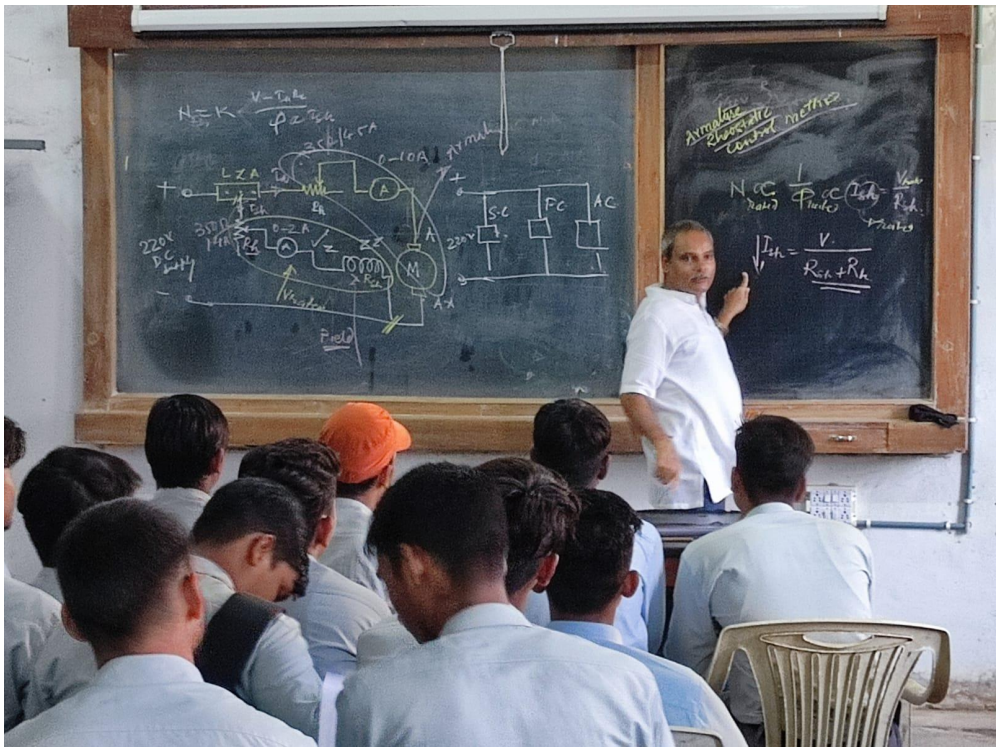

Armature Rheostatic control method
220V DC supply
S.C
F.C
A.C

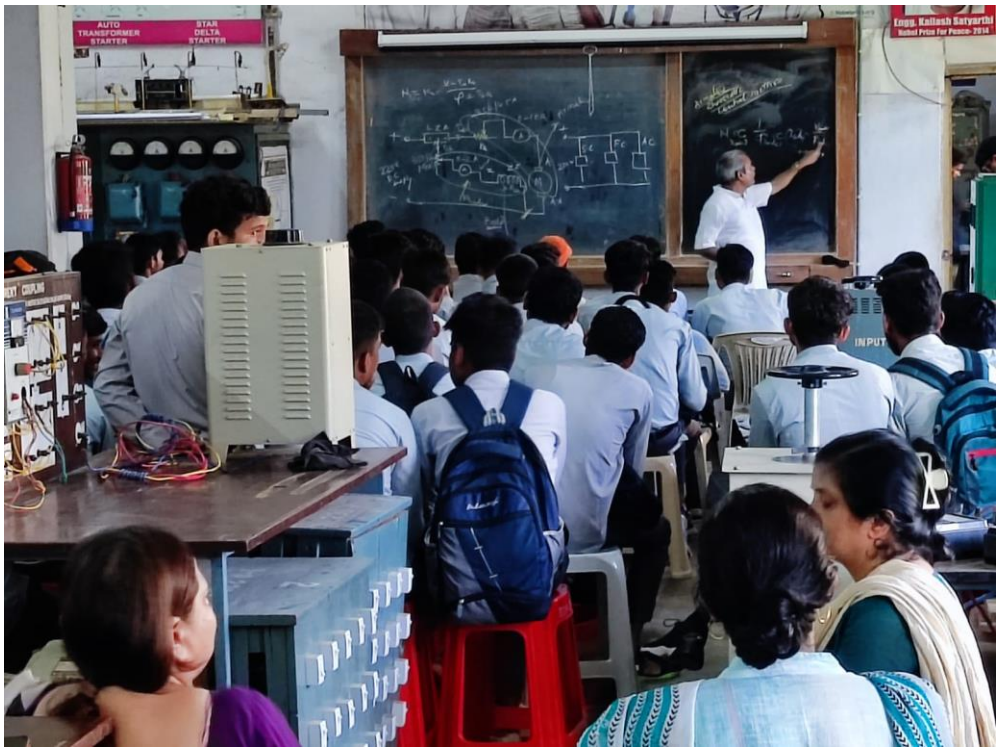
STAR
DELTA
STARTER
Kailash
Satyarthi
Engg. Kailash Satya
Nobel Prize For Peace- 2

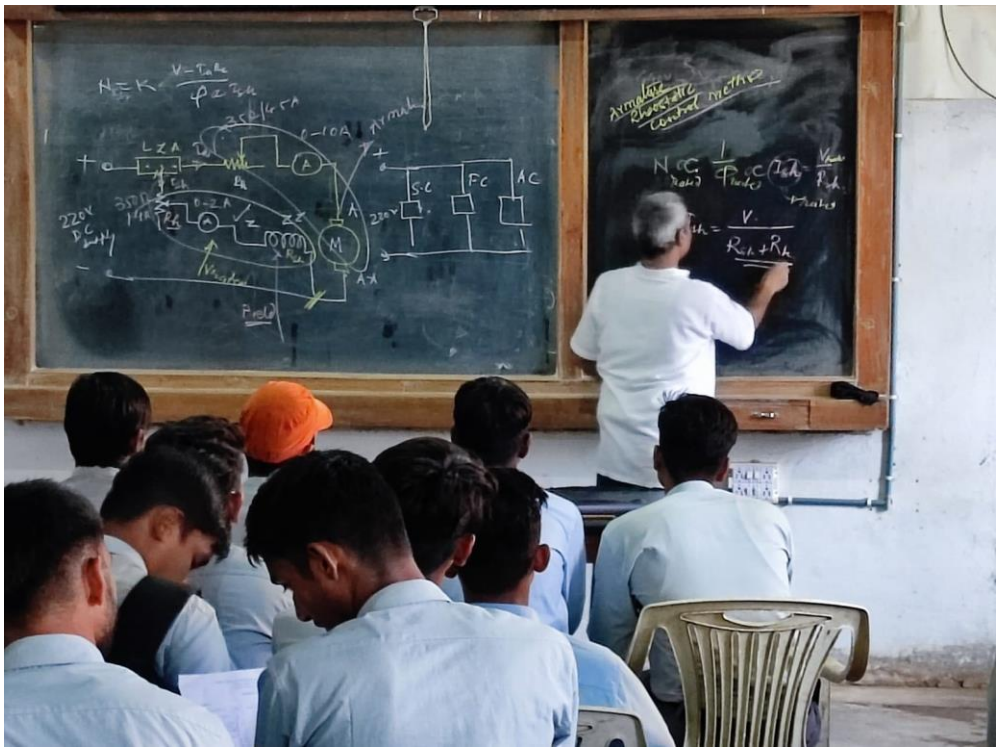
STAR
DELTA
STARTER
Kailash
Satyarthi
Engg. Kailash Satyarthi
Nobel Prize For Peace- 2014


STAR
DELTA
STARTER
Kailash
Satyarthi
Engg. Kailash Satya
Nobel Prize For Peace- 2

2014 NOBEL
PEACE PRIZE
Kailash
Satyarthi
AN ALUMNUS OF SATI
(Electrical Engg.-1974)
Engg. Kailash Satyarthi
Nobel Prize For Peace- 2014
STATOR
RHEOSTAT
STARTER
AUTO
TRANSFORMER
STA TER
STAR
DELTA
STARTER
SWITCH-GEAR
A.C.
BUS BAR
3 PHASE, 4 WIRE




AUTO TRANSFORMER STARTER
STAR DELTA STARTER
Engg. Kailash Satyarthi
Nobel Prize For Peace- 2014
INPUT


S.C
FC
AC

Dynamic Braking of 3 phase induction motor.
Braking of D.C. shunt motor by plugging.
Braking of 3 phase squirrel cage induction motor by plugging.
Speed control of D.C. motor using analog DC drive.
Speed control of D.C. motor using ward Leonard control method.
Speed control and direction control of separately exited dc motor using half controlled rectifier.
Motor speed of DC motor control by chopper.
Using MATLAB-Simulink V/f control of three phase induction motor.
Speed control of slip ring induction motor by rotor resistance control.
Study of speed control of
motor.
Study of Permanent Magn
motor.

OUT PUT

CONSTRUCTIONAL VIEW OF DC MACHINE
STARTER FOR DC MOTOR

Parts of AC Motor