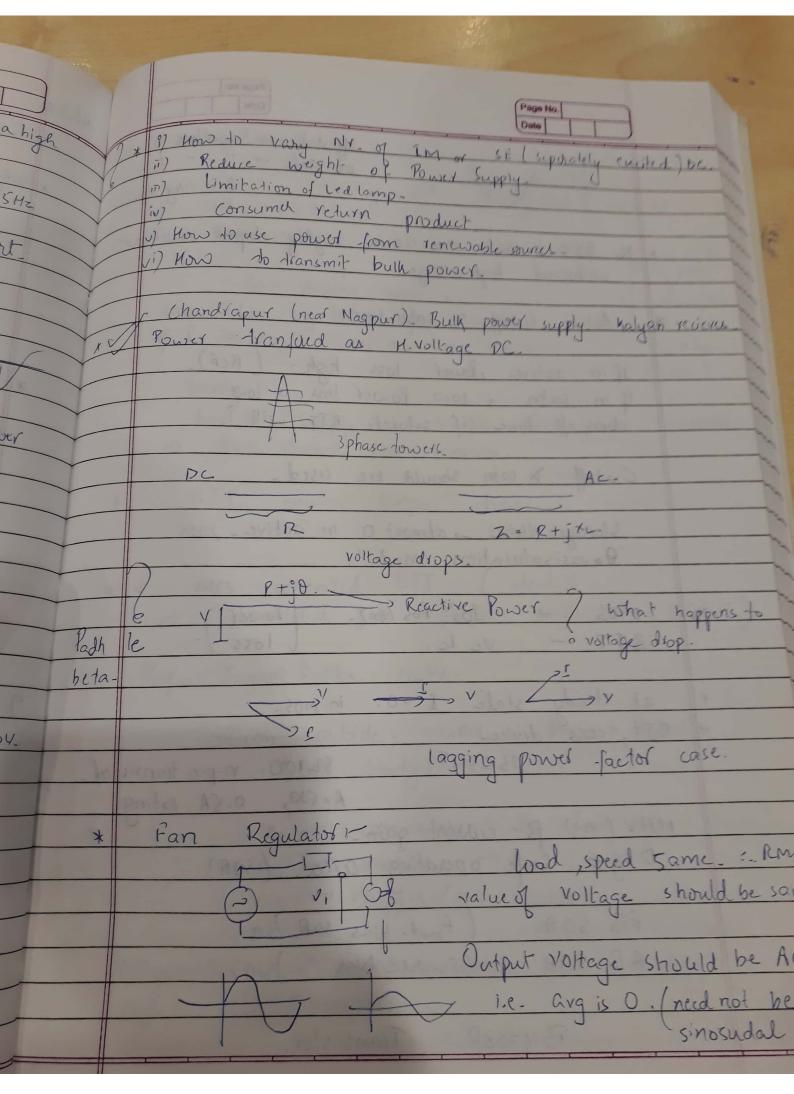
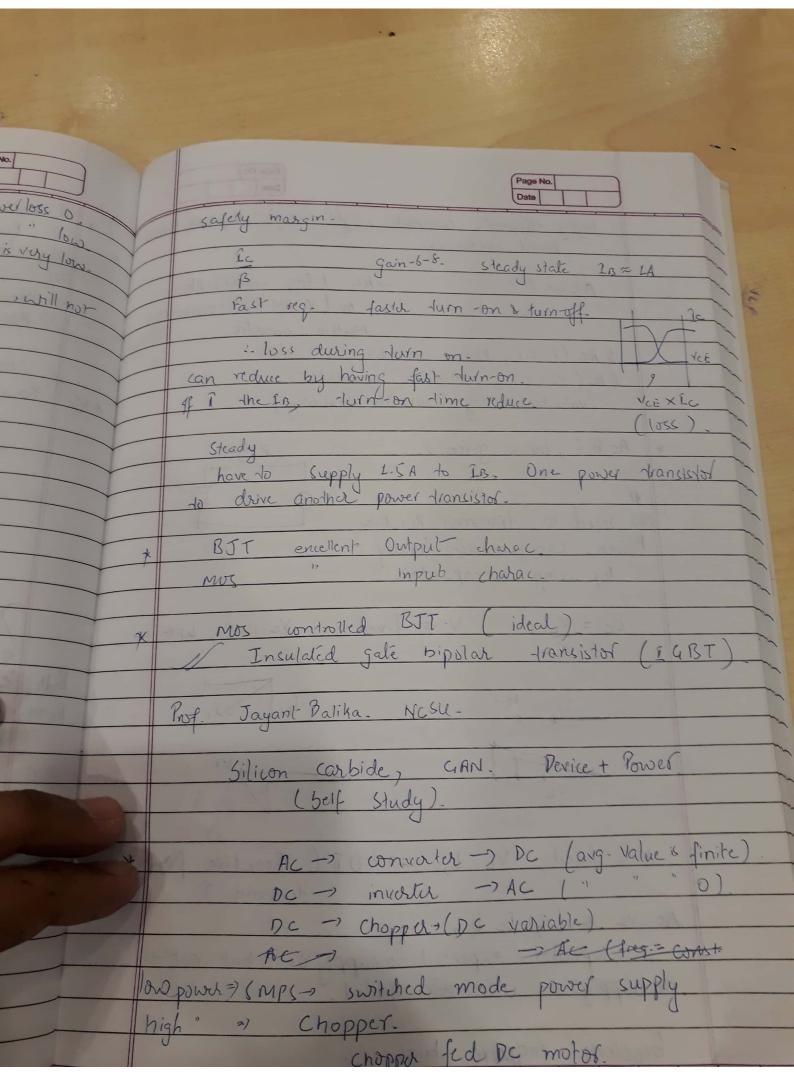
No class on gr Jan.
Make-up on 10th Jan. @ 7 Page No.
Page No. Deta
EML (Bower electronics)
Tole Jacks
why laptop power is so light?
abl 70% commend a notating 3004igaWatts.
and any Power of neraling 3004iga wats. abt 70% consumed by motors (industrial) (Induction) Machines
That Wr = (Pump of fan, Load Torque).
P & W13 (T W)
* upole, 50Hz, 1USS 19m.
IM can't run at Synchronous speed.
Als=170f = 1500 fpm.
P Novi
At no load, it may run at 148x rpm.
From No load to full load, red in speed juist 300pm.
almost 21.
For practical purposes; I'm have almost constant
speed, doesn't depend on load.
Only 2 1. Mariell for a mariel
) * How to convert variable frq. & voltages to
6 constant freg. & voltage.
* Ivansformer & rectifics. 230V 30 3V DC.
The state of the s
If fi, NJ copper reg. i.
but if 11, loss 7, eddy loss we lose of the
Dury 17
initial current is very high, 1=6 I full load.
initial current is very high, I = 6 I full load.
3 (

	INHY I T 2 heard very high R. Speed Nothage is induced in rotor Reduce the Ns. P Reduce the Ns. P 28-307 power con he saved by a soft inches 29-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 28-307 power con he saved by a soft inches 29-307 p
	Switch Practically of the loss.
	at doping VI, doping Base emmitod always high. If fud bias, can block upto 220/2 = 330v. In reverse bias, can't block more than 250
2-	M.M. Rashid "Power electronics: Circuits, Devicus" Application" Ned Mohan, "Power electronics, Applications design" Cyril Lander, "Power electronics"



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	Page No.
	off state -> Power loss
	R is vary la
	No BIT in AC as BE is highly doped, will her
	No BIT in Assertion high voltage withstand high voltage withstand high voltage Active (utoff & saturation. I high (BCE).
*	(Cia citize plower loss is low.
	-lush off lime if salurate 15.11
	Cutoff & satn Should be used.
	Storage time salmost o in active. "Quasisaturation mode".
	2 fox (an) - Power)
*	BJT - Vc ic.
y	BJT, cccs device SL100, n-p-n transictor.
	BC547. SL100. n-p-n transictor. A=500, 0-5A rating.
	MAV (HA) B- authort gain-
3 10 10 10 10 10 10 10 10 10 10 10 10 10	Diag-> Safe operating area. (SOA)
OA M	FB SOA. (find-bias SOA) RB SOA (Revolec bias ").
Intra	MAN 0 2 MG 183 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



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