

SESSION : 2014-15
 SEMESTER : 5TH
 DEPARTMENT: EE ENGINEERING
 SUBJECT : INDUSTRIAL ELECTRONICS
 TEACHER : SOURAV SAMANTA(S.S)

WEEK	TOPIC	SUB-TOPIC
1	POWER DEVICES	POWER BJT,IGBT,AND SWICHING CHARACTERISTICS
2	OPAMP	PROPERTIES AND APPLICATION
3	SWITCHING AND TIMING CIRCUIT	MULTIVIBRATOR IC 555 TIMER AND APPLICATION
4	PLC	DEFINATION AND BLOCK DIAGRAM
4	OPTO ELECTRONICS DEVICE	PHOTODIODE,TRANSISTOR,LED, LDR ,ISOLATOR
7	CONTROL OF DC/AC MOTOR	SCR,AC INDUCTION MOTOR, ADVANTAGE
8	POWER SUPPLY	SHUNT AND SERIES
9	SMPS	BUSK AND BOOST CONVERTER ADVANTAGE OF AC MOTOR
10	AC POWER CONDIONER CIRCUITS	UPS AND CVT