



Mahakaushal University, Jabalpur



B.Tech in Electrical Engineering

SUBJECT CODE	SUBJECT NAME	L	T	P	C	Sem	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	LQ MAX	LQ MIN	TOTAL
BT0101-T	ENGINEERING CHEMISTRY	3	1	0	4	01	70	22	20	8	10	4							100
BT0102-T	ENGINEERING MATHEMATICS-I	3	1	0	4	01	70	22	20	8	10	4							100
BT0103-T	COMMUNICATION SKILLS	3	1	0	4	01	70	22	20	8	10	4							100
BT0104-T	BASIC ELECTRICALS & ELECTRONICS ENGINEERING	3	1	0	4	01	70	22	20	8	10	4							100
BT0105-T	ENGINEERING GRAPHICS	3	1	0	4	01	70	22	20	8	10	4							100
BT0101-P	ENGINEERING CHEMISTRY LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0103-P	COMMUNICATION SKILLS LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0104-P	BASIC ELECTRICALS & ELECTRONICS ENGINEERING LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0105-P	ENGINEERING GRAPHICS LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0106-P	WORKSHOP PRACTICE	0	0	2	2	01							30	12	10	4	10	4	50
TOTAL		15	5	10	30		350		100		50		150		50		50		750

BT0201-T	ENGINEERING PHYSICS	3	1	0	4	02	70	22	20	8	10	4							100
BT0202-T	ENERGY, ENVIRONMENT, ECOLOGY & SOCIETY	3	1	0	4	02	70	22	20	8	10	4							100
BT0203-T	BASIC MECHANICAL ENGINEERING	3	1	0	4	02	70	22	20	8	10	4							100
BT0204-T	BASIC CIVIL ENGG. & ENGINEERING MECHANICS	3	1	0	4	02	70	22	20	8	10	4							100
BT0205-T	BASIC COMPUTER ENGINEERING	3	1	0	4	02	70	22	20	8	10	4							100
BT0201-P	ENGINEERING PHYSICS	0	0	2	2	02							30	12	10	4	10	4	50
BT0203-P	BASIC MECHANICAL ENGINEERING LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0204-P	BASIC CIVIL ENGG. & ENGINEERING MECHANICS LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0205-P	BASIC COMPUTER ENGINEERING LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0206-P	LANGUAGE LAB. & SEMINARS	0	0	2	2	02							30	12	10	4	10	4	50
TOTAL		15	5	10	30		350		100		50		150		50		50		750

BT0301-T	MATHEMATICS-II	3	1	0	4	03	70	22	20	8	10	4							100
BTEE0302-T	ELECTROMAGNETIC THEORY	3	1	0	4	03	70	22	20	8	10	4							100
BTEE0303-T	ELECTRICAL INSTRUMENTATION	3	1	0	4	03	70	22	20	8	10	4							100
BTEE0304-T	ELECTRONICS DEVICES & CIRCUITS-I	3	1	0	4	03	70	22	20	8	10	4							100
BTEE0305-T	NETWORK ANALYSIS	3	1	0	4	03	70	22	20	8	10	4							100
BTEE0303-P	ELECTRICAL INSTRUMENTATION LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTEE0304-P	ELECTRONICS DEVICES & CIRCUITS-I LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTEE0305-P	NETWORK ANALYSIS LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTEE0306-P	ELECTRICAL WORKSHOP	0	0	2	2	03							30	12	10	4	10	4	50
BTEE0307-P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	03											50	20	50
BTEE0308-P	SEMINAR / GROUP DISCUSSION	0	0	2	2	03											50	20	50
TOTAL		15	5	12	32		350		100		50		120		40		140		800

BT0401-T	MATHEMATICS-III	3	1	0	4	04	70	22	20	8	10	4							100
BTEE0402-T	ELECTRICAL AND ELECTRONICS MATERIAL	3	1	0	4	04	70	22	20	8	10	4							100
BTEE0403-T	DIGITAL ELECTRONICS LOGIC DESIGN	3	1	0	4	04	70	22	20	8	10	4							100
BTEE0404-T	ELECTRICAL MACHINE-I	3	1	0	4	04	70	22	20	8	10	4							100

BTEE0405-T	ELECTRONICS DEVICES AND CIRCUITS-II	3	1	0	4	04	70	22	20	8	10	4							100
BTEE0403-P	DIGITAL ELECTRONICS LOGIC DESIGN LAB	0	0	2	2	04							30	12	10	4	10	4	50
BTEE0404-P	ELECTRICAL MACHINE-I LAB	0	0	2	2	04							30	12	10	4	10	4	50
BTEE0405-P	ELECTRONICS DEVICES AND CIRCUITS-II LAB	0	0	2	2	04							30	12	10	4	10	4	50
BTEE0406-P	ELECTRICAL ENGINEERING DIMULSTION LAB	0	0	2	2	04							30	12	10	4	10	4	50
BTEE0407-P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	04											50	20	50
BTEE0408-P	SEMINAR / GROUP DISCUSSION	0	0	2	2	04											50	20	50
TOTAL		15	5	12	32		350		100		50		120		40		140		800

BTEE0501-T	UTILISATION OF ELECTRICAL ENERGY	3	1	0	4	05	70	22	20	8	10	4							100
BTEE0502-T	MICROPROCESSORS & MICROCONTROLLER	3	1	0	4	05	70	22	20	8	10	4							100
BTEE0503-T	ELECTRICAL MACHINE-II	3	1	0	4	05	70	22	20	8	10	4							100
BTEE0504-T	POWER ELECTRONICS DEVICES & CIRCUITS	3	1	0	4	05	70	22	20	8	10	4							100
BTEE0505-T	POWER SYSTEM	3	1	0	4	05	70	22	20	8	10	4							100
BTEE0502-P	MICROPROCESSORS & MICROCONTROLLER LAB	0	0	2	2	05							30	12	10	4	10	4	50
BTEE0503-P	ELECTRICAL MACHINE-II LAB	0	0	2	2	05							30	12	10	4	10	4	50
BTEE0504-P	POWER ELECTRONICS DEVICES & CIRCUITS LAB	0	0	2	2	05							30	12	10	4	10	4	50
BTEE0505-P	POWER SYSTEM LAB	0	0	2	2	05							30	12	10	4	10	4	50
BTEE0506-P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	05											50	20	50
BTEE0507-P	SEMINAR / GROUP DISCUSSION	0	0	2	2	05											50	20	50
TOTAL		15	5	12	32		350		100		50		120		40		140		800

BTEE0601-T	COMMUNICATION ENGINEERING	3	1	0	4	06	70	22	20	8	10	4							100
BTEE0602-T	CONTROL SYSTEM	3	1	0	4	06	70	22	20	8	10	4							100
BTEE0603-T	SWITCHGEAR & PROTECTION	3	1	0	4	06	70	22	20	8	10	4							100
BTEE0604-T	ELECTRONICS INSTRUMENTATION	3	1	0	4	06	70	22	20	8	10	4							100
BTEE0605-T	ENERGY CONSERVATION & MANAGEMENT	3	1	0	4	06	70	22	20	8	10	4							100
BTEE0602-P	CONTROL SYSTEM LAB	0	0	2	2	06							30	12	10	4	10	4	50
BTEE0603-P	SWITCHGEAR & PROTECTION LAB	0	0	2	2	06							30	12	10	4	10	4	50
BTEE0604-P	ELECTRONICS INSTRUMENTATION LAB	0	0	2	2	06							30	12	10	4	10	4	50
BTEE0606-P	MINOR PROJECT	0	0	2	2	06							30	12	10	4	10	4	50
BTEE0607-P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	06											50	20	50
BTEE0608-P	SEMINAR / GROUP DISCUSSION	0	0	2	2	06											50	20	50
TOTAL		15	5	12	32		350		100		50		120		40		140		800

BTEE0701-T	POWER SYSTEM-II	3	1	0	4	07	70	22	20	8	10	4							100
BTEE0702-T	ELECTRICAL DRIVES	3	1	0	4	07	70	22	20	8	10	4							100
BTEE0703-T	DIGITAL SIGNAL PROCESSING	3	1	0	4	07	70	22	20	8	10	4							100
BTEE0704(A)-T	RELIABILITY ENGINEERING	3	1	0	4	07	70	22	20	8	10	4							100
BTEE0705(A)-T	HIGH VOLTAGE ENGINEERING	3	1	0	4	07	70	22	20	8	10	4							100
BTEE0701-P	POWER SYSTEM-II LAB	0	0	2	2	07							30	12	10	4	10	4	50
BTEE0702-P	ELECTRICAL DRIVES LAB	0	0	2	2	07							30	12	10	4	10	4	50
BTEE0706-P	MAJOR PROJECT-I (LITERATURE REVIEW & SYNOPSIS)	0	0	4	4	07							60	24	20	8	20	8	100
BTEE0707-P	INDUSTRIAL TRAINING	0	0	2	2	07							30	12	10	4	10	4	50
BTEE0708-P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	07											50	20	50
TOTAL		15	5	12	32		350		100		50		150		50		100		800

BTEE0801-T	COMPUTER AIDED ELECTRICAL MACHINE DESIGN	3	1	0	4	08	70	22	20	8	10	4							100
BTEE0802-T	COMPUTER APPLICATION TO POWER SYSTEM	3	1	0	4	08	70	22	20	8	10	4							100
BTEE0803(B)-T	ADVANCED COMMUNICATION SYSTEM	3	1	0	4	08	70	22	20	8	10	4							100
BTEE0804(B)-T	CELLULAR MOBILE COMMUNICATION	3	1	0	4	08	70	22	20	8	10	4							100
BTEE0801-P	COMPUTER AIDED ELECTRICAL MACHINE DESIGN LAB	0	0	2	2	08							30	12	10	4	10	4	50
BTEE0802-P	COMPUTER APPLICATION TO POWER SYSTEM LAB	0	0	2	2	08							30	12	10	4	10	4	50
BTEE0805-P	MAJOR PROJECT-II	0	0	8	8	08							120	48	40	16	40	16	200
BTEE0806-P	MODELING & SIMULATION LAB	0	0	2	2	08							30	12	10	4	10	4	50
BTEE0807-P	SEMINAR / GROUP DISCUSSION	0	0	2	2	08											50	20	50
TOTAL		12	4	16	32		280		80		40		210		70		120		800