



G H RAISONI COLLEGE OF ENGINEERING NAGPUR

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

CRPF Gate No.3, Hingna Road, Digdoh Hills, Nagpur. Maharashtra-440016 (India)

Course wise Teaching Plan for Session : Summer Term 2018

Course : Communication Electronics

Faculty : abaisware - AKSHITA

BAISWARE

Unit	Topic Code	Topic Covered	Date	Course	Section
1	1	Introduction of the course, Discussion of CO-PO	03/05/2018	BECL202	A
1	2	Introduction of communication ,	03/05/2018	BECL202	A
1	3	RF band, concept of radiation & EM Waves	04/05/2018	BECL202	A
1	4	Ground wave,	04/05/2018	BECL202	A
1	5	Duct, Tropospheric scatter,	05/05/2018	BECL202	A
1	6	Concept of fading &	05/05/2018	BECL202	A
1	7	AM transmitters	05/05/2018	BECL202	A
1	8	Diode modulator,	05/05/2018	BECL202	A
1	9	SSB modulation	10/05/2018	BECL202	A
2	10	SSB-SC modulation	10/05/2018	BECL202	A
2	11	AM demodulators,	11/05/2018	BECL202	A
2	12	Envelop detector,	11/05/2018	BECL202	A
2	13	Detector for SSB and	12/05/2018	BECL202	A
2	14	AM using transistors, AM receiver	12/05/2018	BECL202	A
2	15	AM detection methods()	12/05/2018	BECL202	A
2	16	Angle modulation	12/05/2018	BECL202	A
3	17	Frequency modulation spectrum,	17/05/2018	BECL202	A
3	18	Armstrong method FM transmitters	17/05/2018	BECL202	A
3	19	Frequency stabilization methods,	18/05/2018	BECL202	A
4	20	Foster seeley	18/05/2018	BECL202	A
4	21	PLL detector,	19/05/2018	BECL202	A
4	22	Superheterodyne receiver,	19/05/2018	BECL202	A



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4	23	Selectivity, fidelity,	19/05/2018	BECL202	A
4	24	Pre & de emphasis,	19/05/2018	BECL202	A
4	25	Introduction to sampling, sampling theorem,	24/05/2018	BECL202	A
4	26	Baseband signals	24/05/2018	BECL202	A
4	27	sampling theorem	25/05/2018	BECL202	A
4	28	Image freq. rejection	25/05/2018	BECL202	A
4	29	Stereo phonic FM	26/05/2018	BECL202	A
5	30	sampling techniques	26/05/2018	BECL202	A
5	31	FM discriminator	26/05/2018	BECL202	A
5	32	stereo phonic FM	26/05/2018	BECL202	A
5	33	reactance tube and FET modulators	31/05/2018	BECL202	A
5	34	SSB-SC-AM signals	31/05/2018	BECL202	A
5	35	Mixers	01/06/2018	BECL202	A
5	36	Extraterrestrial propagation	01/06/2018	BECL202	A
5	37	collector modulator	02/06/2018	BECL202	A
6	38	diversity reception	02/06/2018	BECL202	A
6	39	Square law detector	02/06/2018	BECL202	A
6	40	AGC, SSB,DSB	02/06/2018	BECL202	A
6	41	space wave sky wave	07/06/2018	BECL202	A
6	42	Baseband signals & their bandwidth requirements.	07/06/2018	BECL202	A
6	43	concept of radiation & EM Waves	08/06/2018	BECL202	A
6	44	Single side band	08/06/2018	BECL202	A



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6	45	double side band	09/06/2018	BECL202	A
6	46	FET Reactance modulator	09/06/2018	BECL202	A
6	47	Supressed carrier	09/06/2018	BECL202	A
6	48	Automatic gain control	09/06/2018	BECL202	A