

Hallticket No	Subject	Subject Name	Internal	External	Total	Credits
06B81A1045	P0221	DIGITAL SIGNAL PROCESSING	13	33	46	4
06B81A1045	P0422	MICROPROCESSORS & INTERFACING	15	42	57	4
06B81A1045	P1021	PRINCIPLES OF COMMUNICATION	12	64	76	4
06B81A1045	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	37	54	4
06B81A1045	Q1022	OPTICAL & LASER INSTRUMENTATION	13	57	70	4
06B81A1045	Q1023	BIOMEDICAL INSTRUMENTATION	11	41	52	4
06B81A1045	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	32	51	2
06B81A1045	Q1025	INSTRUMENTATION - II (LAB)	19	40	59	2
07B81A1001	P0221	DIGITAL SIGNAL PROCESSING	15	31	46	4
07B81A1001	P0422	MICROPROCESSORS & INTERFACING	15	36	51	4
07B81A1001	P1021	PRINCIPLES OF COMMUNICATION	15	39	54	4
07B81A1001	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	19	36	0
07B81A1001	Q1022	OPTICAL & LASER INSTRUMENTATION	14	49	63	4
07B81A1001	Q1023	BIOMEDICAL INSTRUMENTATION	14	16	30	0
07B81A1001	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	43	64	2
07B81A1001	Q1025	INSTRUMENTATION - II (LAB)	20	40	60	2
07B81A1002	P0221	DIGITAL SIGNAL PROCESSING	18	47	65	4
07B81A1002	P0422	MICROPROCESSORS & INTERFACING	17	67	84	4
07B81A1002	P1021	PRINCIPLES OF COMMUNICATION	18	48	66	4
07B81A1002	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	58	76	4
07B81A1002	Q1022	OPTICAL & LASER INSTRUMENTATION	18	78	96	4
07B81A1002	Q1023	BIOMEDICAL INSTRUMENTATION	17	56	73	4
07B81A1002	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	46	68	2
07B81A1002	Q1025	INSTRUMENTATION - II (LAB)	22	48	70	2
07B81A1003	P0221	DIGITAL SIGNAL PROCESSING	18	51	69	4
07B81A1003	P0422	MICROPROCESSORS & INTERFACING	15	57	72	4
07B81A1003	P1021	PRINCIPLES OF COMMUNICATION	16	49	65	4
07B81A1003	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	52	69	4
07B81A1003	Q1022	OPTICAL & LASER INSTRUMENTATION	16	75	91	4
07B81A1003	Q1023	BIOMEDICAL INSTRUMENTATION	14	48	62	4
07B81A1003	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	46	69	2
07B81A1003	Q1025	INSTRUMENTATION - II (LAB)	21	47	68	2
07B81A1004	P0221	DIGITAL SIGNAL PROCESSING	16	48	64	4
07B81A1004	P0422	MICROPROCESSORS & INTERFACING	16	46	62	4
07B81A1004	P1021	PRINCIPLES OF COMMUNICATION	16	55	71	4
07B81A1004	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	42	59	4
07B81A1004	Q1022	OPTICAL & LASER INSTRUMENTATION	15	67	82	4
07B81A1004	Q1023	BIOMEDICAL INSTRUMENTATION	13	40	53	4
07B81A1004	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	18	42	60	2
07B81A1004	Q1025	INSTRUMENTATION - II (LAB)	21	38	59	2
07B81A1005	P0221	DIGITAL SIGNAL PROCESSING	15	44	59	4
07B81A1005	P0422	MICROPROCESSORS & INTERFACING	14	29	43	4
07B81A1005	P1021	PRINCIPLES OF COMMUNICATION	14	49	63	4
07B81A1005	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	13	37	50	4
07B81A1005	Q1022	OPTICAL & LASER INSTRUMENTATION	14	76	90	4
07B81A1005	Q1023	BIOMEDICAL INSTRUMENTATION	15	21	36	0
07B81A1005	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	42	62	2
07B81A1005	Q1025	INSTRUMENTATION - II (LAB)	23	43	66	2
07B81A1006	P0221	DIGITAL SIGNAL PROCESSING	11	38	49	4

07B81A1006	P0422	MICROPROCESSORS & INTERFACING	16	31	47	4
07B81A1006	P1021	PRINCIPLES OF COMMUNICATION	12	58	70	4
07B81A1006	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	14	31	45	4
07B81A1006	Q1022	OPTICAL & LASER INSTRUMENTATION	13	80	93	4
07B81A1006	Q1023	BIOMEDICAL INSTRUMENTATION	13	41	54	4
07B81A1006	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	17	38	55	2
07B81A1006	Q1025	INSTRUMENTATION - II (LAB)	23	35	58	2
07B81A1007	P0221	DIGITAL SIGNAL PROCESSING	13	40	53	4
07B81A1007	P0422	MICROPROCESSORS & INTERFACING	13	20	33	0
07B81A1007	P1021	PRINCIPLES OF COMMUNICATION	12	38	50	4
07B81A1007	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	12	29	41	4
07B81A1007	Q1022	OPTICAL & LASER INSTRUMENTATION	10	64	74	4
07B81A1007	Q1023	BIOMEDICAL INSTRUMENTATION	10	33	43	4
07B81A1007	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	15	30	45	2
07B81A1007	Q1025	INSTRUMENTATION - II (LAB)	17	38	55	2
07B81A1009	P0221	DIGITAL SIGNAL PROCESSING	16	57	73	4
07B81A1009	P0422	MICROPROCESSORS & INTERFACING	16	52	68	4
07B81A1009	P1021	PRINCIPLES OF COMMUNICATION	19	49	68	4
07B81A1009	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	49	68	4
07B81A1009	Q1022	OPTICAL & LASER INSTRUMENTATION	15	73	88	4
07B81A1009	Q1023	BIOMEDICAL INSTRUMENTATION	16	39	55	4
07B81A1009	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	47	69	2
07B81A1009	Q1025	INSTRUMENTATION - II (LAB)	24	48	72	2
07B81A1010	P0221	DIGITAL SIGNAL PROCESSING	20	44	64	4
07B81A1010	P0422	MICROPROCESSORS & INTERFACING	18	49	67	4
07B81A1010	P1021	PRINCIPLES OF COMMUNICATION	18	51	69	4
07B81A1010	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	49	69	4
07B81A1010	Q1022	OPTICAL & LASER INSTRUMENTATION	16	78	94	4
07B81A1010	Q1023	BIOMEDICAL INSTRUMENTATION	17	41	58	4
07B81A1010	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	48	71	2
07B81A1010	Q1025	INSTRUMENTATION - II (LAB)	23	48	71	2
07B81A1011	P0221	DIGITAL SIGNAL PROCESSING	17	43	60	4
07B81A1011	P0422	MICROPROCESSORS & INTERFACING	18	60	78	4
07B81A1011	P1021	PRINCIPLES OF COMMUNICATION	17	78	95	4
07B81A1011	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	48	67	4
07B81A1011	Q1022	OPTICAL & LASER INSTRUMENTATION	18	80	98	4
07B81A1011	Q1023	BIOMEDICAL INSTRUMENTATION	16	46	62	4
07B81A1011	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	44	65	2
07B81A1011	Q1025	INSTRUMENTATION - II (LAB)	18	48	66	2
07B81A1012	P0221	DIGITAL SIGNAL PROCESSING	17	49	66	4
07B81A1012	P0422	MICROPROCESSORS & INTERFACING	18	44	62	4
07B81A1012	P1021	PRINCIPLES OF COMMUNICATION	18	62	80	4
07B81A1012	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	38	57	4
07B81A1012	Q1022	OPTICAL & LASER INSTRUMENTATION	17	80	97	4
07B81A1012	Q1023	BIOMEDICAL INSTRUMENTATION	17	44	61	4
07B81A1012	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	40	60	2
07B81A1012	Q1025	INSTRUMENTATION - II (LAB)	23	47	70	2
07B81A1013	P0221	DIGITAL SIGNAL PROCESSING	14	40	54	4
07B81A1013	P0422	MICROPROCESSORS & INTERFACING	15	37	52	4
07B81A1013	P1021	PRINCIPLES OF COMMUNICATION	17	50	67	4
07B81A1013	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	48	64	4

07B81A1013	Q1022	OPTICAL & LASER INSTRUMENTATION	14	64	78	4
07B81A1013	Q1023	BIOMEDICAL INSTRUMENTATION	14	40	54	4
07B81A1013	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	47	68	2
07B81A1013	Q1025	INSTRUMENTATION - II (LAB)	22	46	68	2
07B81A1014	P0221	DIGITAL SIGNAL PROCESSING	16	62	78	4
07B81A1014	P0422	MICROPROCESSORS & INTERFACING	19	44	63	4
07B81A1014	P1021	PRINCIPLES OF COMMUNICATION	16	46	62	4
07B81A1014	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	48	68	4
07B81A1014	Q1022	OPTICAL & LASER INSTRUMENTATION	17	78	95	4
07B81A1014	Q1023	BIOMEDICAL INSTRUMENTATION	16	36	52	4
07B81A1014	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	46	66	2
07B81A1014	Q1025	INSTRUMENTATION - II (LAB)	24	50	74	2
07B81A1015	P0221	DIGITAL SIGNAL PROCESSING	14	36	50	4
07B81A1015	P0422	MICROPROCESSORS & INTERFACING	13	35	48	4
07B81A1015	P1021	PRINCIPLES OF COMMUNICATION	13	30	43	4
07B81A1015	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	12	31	43	4
07B81A1015	Q1022	OPTICAL & LASER INSTRUMENTATION	12	53	65	4
07B81A1015	Q1023	BIOMEDICAL INSTRUMENTATION	14	28	42	4
07B81A1015	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	14	27	41	2
07B81A1015	Q1025	INSTRUMENTATION - II (LAB)	16	30	46	2
07B81A1016	P0221	DIGITAL SIGNAL PROCESSING	19	48	67	4
07B81A1016	P0422	MICROPROCESSORS & INTERFACING	18	50	68	4
07B81A1016	P1021	PRINCIPLES OF COMMUNICATION	17	54	71	4
07B81A1016	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	51	71	4
07B81A1016	Q1022	OPTICAL & LASER INSTRUMENTATION	15	75	90	4
07B81A1016	Q1023	BIOMEDICAL INSTRUMENTATION	15	44	59	4
07B81A1016	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	48	71	2
07B81A1016	Q1025	INSTRUMENTATION - II (LAB)	24	48	72	2
07B81A1017	P0221	DIGITAL SIGNAL PROCESSING	18	62	80	4
07B81A1017	P0422	MICROPROCESSORS & INTERFACING	18	63	81	4
07B81A1017	P1021	PRINCIPLES OF COMMUNICATION	17	61	78	4
07B81A1017	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	59	78	4
07B81A1017	Q1022	OPTICAL & LASER INSTRUMENTATION	17	78	95	4
07B81A1017	Q1023	BIOMEDICAL INSTRUMENTATION	17	60	77	4
07B81A1017	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	47	68	2
07B81A1017	Q1025	INSTRUMENTATION - II (LAB)	22	47	69	2
07B81A1019	P0221	DIGITAL SIGNAL PROCESSING	16	41	57	4
07B81A1019	P0422	MICROPROCESSORS & INTERFACING	16	36	52	4
07B81A1019	P1021	PRINCIPLES OF COMMUNICATION	17	36	53	4
07B81A1019	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	29	46	4
07B81A1019	Q1022	OPTICAL & LASER INSTRUMENTATION	15	67	82	4
07B81A1019	Q1023	BIOMEDICAL INSTRUMENTATION	14	28	42	4
07B81A1019	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	42	61	2
07B81A1019	Q1025	INSTRUMENTATION - II (LAB)	21	45	66	2
07B81A1020	P0221	DIGITAL SIGNAL PROCESSING	17	58	75	4
07B81A1020	P0422	MICROPROCESSORS & INTERFACING	15	28	43	4
07B81A1020	P1021	PRINCIPLES OF COMMUNICATION	14	47	61	4
07B81A1020	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	14	33	47	4
07B81A1020	Q1022	OPTICAL & LASER INSTRUMENTATION	13	68	81	4
07B81A1020	Q1023	BIOMEDICAL INSTRUMENTATION	13	40	53	4
07B81A1020	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	38	59	2

07B81A1020	Q1025	INSTRUMENTATION - II (LAB)	20	40	60	2
07B81A1021	P0221	DIGITAL SIGNAL PROCESSING	15	41	56	4
07B81A1021	P0422	MICROPROCESSORS & INTERFACING	15	44	59	4
07B81A1021	P1021	PRINCIPLES OF COMMUNICATION	16	57	73	4
07B81A1021	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	36	52	4
07B81A1021	Q1022	OPTICAL & LASER INSTRUMENTATION	15	71	86	4
07B81A1021	Q1023	BIOMEDICAL INSTRUMENTATION	15	46	61	4
07B81A1021	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	44	64	2
07B81A1021	Q1025	INSTRUMENTATION - II (LAB)	18	43	61	2
07B81A1022	P0221	DIGITAL SIGNAL PROCESSING	20	59	79	4
07B81A1022	P0422	MICROPROCESSORS & INTERFACING	19	61	80	4
07B81A1022	P1021	PRINCIPLES OF COMMUNICATION	18	63	81	4
07B81A1022	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	62	82	4
07B81A1022	Q1022	OPTICAL & LASER INSTRUMENTATION	19	80	99	4
07B81A1022	Q1023	BIOMEDICAL INSTRUMENTATION	18	32	50	4
07B81A1022	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	24	49	73	2
07B81A1022	Q1025	INSTRUMENTATION - II (LAB)	24	50	74	2
07B81A1023	P0221	DIGITAL SIGNAL PROCESSING	12	31	43	4
07B81A1023	P0422	MICROPROCESSORS & INTERFACING	15	13	28	0
07B81A1023	P1021	PRINCIPLES OF COMMUNICATION	11	19	30	0
07B81A1023	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	11	13	24	0
07B81A1023	Q1022	OPTICAL & LASER INSTRUMENTATION	11	62	73	4
07B81A1023	Q1023	BIOMEDICAL INSTRUMENTATION	10	12	22	0
07B81A1023	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	17	35	52	2
07B81A1023	Q1025	INSTRUMENTATION - II (LAB)	20	38	58	2
07B81A1024	P0221	DIGITAL SIGNAL PROCESSING	14	68	82	4
07B81A1024	P0422	MICROPROCESSORS & INTERFACING	14	29	43	4
07B81A1024	P1021	PRINCIPLES OF COMMUNICATION	15	28	43	4
07B81A1024	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	15	22	37	0
07B81A1024	Q1022	OPTICAL & LASER INSTRUMENTATION	12	55	67	4
07B81A1024	Q1023	BIOMEDICAL INSTRUMENTATION	10	12	22	0
07B81A1024	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	37	56	2
07B81A1024	Q1025	INSTRUMENTATION - II (LAB)	21	44	65	2
07B81A1025	P0221	DIGITAL SIGNAL PROCESSING	17	42	59	4
07B81A1025	P0422	MICROPROCESSORS & INTERFACING	16	60	76	4
07B81A1025	P1021	PRINCIPLES OF COMMUNICATION	14	52	66	4
07B81A1025	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	49	67	4
07B81A1025	Q1022	OPTICAL & LASER INSTRUMENTATION	16	73	89	4
07B81A1025	Q1023	BIOMEDICAL INSTRUMENTATION	15	48	63	4
07B81A1025	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	42	62	2
07B81A1025	Q1025	INSTRUMENTATION - II (LAB)	23	45	68	2
07B81A1026	P0221	DIGITAL SIGNAL PROCESSING	16	43	59	4
07B81A1026	P0422	MICROPROCESSORS & INTERFACING	14	37	51	4
07B81A1026	P1021	PRINCIPLES OF COMMUNICATION	17	38	55	4
07B81A1026	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	47	64	4
07B81A1026	Q1022	OPTICAL & LASER INSTRUMENTATION	15	72	87	4
07B81A1026	Q1023	BIOMEDICAL INSTRUMENTATION	16	30	46	4
07B81A1026	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	46	66	2
07B81A1026	Q1025	INSTRUMENTATION - II (LAB)	19	47	66	2
07B81A1027	P0221	DIGITAL SIGNAL PROCESSING	17	30	47	4
07B81A1027	P0422	MICROPROCESSORS & INTERFACING	14	39	53	4

07B81A1027	P1021	PRINCIPLES OF COMMUNICATION	17	46	63	4
07B81A1027	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	36	53	4
07B81A1027	Q1022	OPTICAL & LASER INSTRUMENTATION	15	65	80	4
07B81A1027	Q1023	BIOMEDICAL INSTRUMENTATION	14	34	48	4
07B81A1027	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	42	62	2
07B81A1027	Q1025	INSTRUMENTATION - II (LAB)	22	46	68	2
07B81A1028	P0221	DIGITAL SIGNAL PROCESSING	20	68	88	4
07B81A1028	P0422	MICROPROCESSORS & INTERFACING	18	61	79	4
07B81A1028	P1021	PRINCIPLES OF COMMUNICATION	18	65	83	4
07B81A1028	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	53	73	4
07B81A1028	Q1022	OPTICAL & LASER INSTRUMENTATION	19	76	95	4
07B81A1028	Q1023	BIOMEDICAL INSTRUMENTATION	19	52	71	4
07B81A1028	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	24	49	73	2
07B81A1028	Q1025	INSTRUMENTATION - II (LAB)	23	50	73	2
07B81A1029	P0221	DIGITAL SIGNAL PROCESSING	16	66	82	4
07B81A1029	P0422	MICROPROCESSORS & INTERFACING	17	55	72	4
07B81A1029	P1021	PRINCIPLES OF COMMUNICATION	18	43	61	4
07B81A1029	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	39	57	4
07B81A1029	Q1022	OPTICAL & LASER INSTRUMENTATION	16	68	84	4
07B81A1029	Q1023	BIOMEDICAL INSTRUMENTATION	16	50	66	4
07B81A1029	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	40	62	2
07B81A1029	Q1025	INSTRUMENTATION - II (LAB)	21	44	65	2
07B81A1030	P0221	DIGITAL SIGNAL PROCESSING	15	50	65	4
07B81A1030	P0422	MICROPROCESSORS & INTERFACING	17	48	65	4
07B81A1030	P1021	PRINCIPLES OF COMMUNICATION	17	37	54	4
07B81A1030	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	49	65	4
07B81A1030	Q1022	OPTICAL & LASER INSTRUMENTATION	13	77	90	4
07B81A1030	Q1023	BIOMEDICAL INSTRUMENTATION	15	36	51	4
07B81A1030	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	40	61	2
07B81A1030	Q1025	INSTRUMENTATION - II (LAB)	22	46	68	2
07B81A1031	P0221	DIGITAL SIGNAL PROCESSING	18	72	90	4
07B81A1031	P0422	MICROPROCESSORS & INTERFACING	17	62	79	4
07B81A1031	P1021	PRINCIPLES OF COMMUNICATION	18	47	65	4
07B81A1031	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	44	64	4
07B81A1031	Q1022	OPTICAL & LASER INSTRUMENTATION	17	80	97	4
07B81A1031	Q1023	BIOMEDICAL INSTRUMENTATION	17	35	52	4
07B81A1031	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	48	70	2
07B81A1031	Q1025	INSTRUMENTATION - II (LAB)	20	48	68	2
07B81A1032	P0221	DIGITAL SIGNAL PROCESSING	16	61	77	4
07B81A1032	P0422	MICROPROCESSORS & INTERFACING	14	16	30	0
07B81A1032	P1021	PRINCIPLES OF COMMUNICATION	16	16	32	0
07B81A1032	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	9	26	0
07B81A1032	Q1022	OPTICAL & LASER INSTRUMENTATION	14	77	91	4
07B81A1032	Q1023	BIOMEDICAL INSTRUMENTATION	16	38	54	4
07B81A1032	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	44	65	2
07B81A1032	Q1025	INSTRUMENTATION - II (LAB)	19	46	65	2
07B81A1033	P0221	DIGITAL SIGNAL PROCESSING	13	51	64	4
07B81A1033	P0422	MICROPROCESSORS & INTERFACING	15	52	67	4
07B81A1033	P1021	PRINCIPLES OF COMMUNICATION	12	52	64	4
07B81A1033	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	41	57	4
07B81A1033	Q1022	OPTICAL & LASER INSTRUMENTATION	14	76	90	4

07B81A1033	Q1023	BIOMEDICAL INSTRUMENTATION	14	44	58	4
07B81A1033	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	17	38	55	2
07B81A1033	Q1025	INSTRUMENTATION - II (LAB)	21	38	59	2
07B81A1034	P0221	DIGITAL SIGNAL PROCESSING	9	42	51	4
07B81A1034	P0422	MICROPROCESSORS & INTERFACING	13	28	41	4
07B81A1034	P1021	PRINCIPLES OF COMMUNICATION	10	26	36	0
07B81A1034	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	12	36	48	4
07B81A1034	Q1022	OPTICAL & LASER INSTRUMENTATION	12	59	71	4
07B81A1034	Q1023	BIOMEDICAL INSTRUMENTATION	11	37	48	4
07B81A1034	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	16	33	49	2
07B81A1034	Q1025	INSTRUMENTATION - II (LAB)	19	32	51	2
07B81A1035	P0221	DIGITAL SIGNAL PROCESSING	18	70	88	4
07B81A1035	P0422	MICROPROCESSORS & INTERFACING	17	47	64	4
07B81A1035	P1021	PRINCIPLES OF COMMUNICATION	17	49	66	4
07B81A1035	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	48	67	4
07B81A1035	Q1022	OPTICAL & LASER INSTRUMENTATION	16	79	95	4
07B81A1035	Q1023	BIOMEDICAL INSTRUMENTATION	14	44	58	4
07B81A1035	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	18	38	56	2
07B81A1035	Q1025	INSTRUMENTATION - II (LAB)	22	40	62	2
07B81A1036	P0221	DIGITAL SIGNAL PROCESSING	17	69	86	4
07B81A1036	P0422	MICROPROCESSORS & INTERFACING	16	55	71	4
07B81A1036	P1021	PRINCIPLES OF COMMUNICATION	16	58	74	4
07B81A1036	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	61	78	4
07B81A1036	Q1022	OPTICAL & LASER INSTRUMENTATION	15	74	89	4
07B81A1036	Q1023	BIOMEDICAL INSTRUMENTATION	17	50	67	4
07B81A1036	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	43	65	2
07B81A1036	Q1025	INSTRUMENTATION - II (LAB)	23	44	67	2
07B81A1037	P0221	DIGITAL SIGNAL PROCESSING	19	60	79	4
07B81A1037	P0422	MICROPROCESSORS & INTERFACING	17	62	79	4
07B81A1037	P1021	PRINCIPLES OF COMMUNICATION	17	58	75	4
07B81A1037	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	55	75	4
07B81A1037	Q1022	OPTICAL & LASER INSTRUMENTATION	18	80	98	4
07B81A1037	Q1023	BIOMEDICAL INSTRUMENTATION	19	32	51	4
07B81A1037	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	24	49	73	2
07B81A1037	Q1025	INSTRUMENTATION - II (LAB)	21	49	70	2
07B81A1038	P0221	DIGITAL SIGNAL PROCESSING	15	58	73	4
07B81A1038	P0422	MICROPROCESSORS & INTERFACING	16	55	71	4
07B81A1038	P1021	PRINCIPLES OF COMMUNICATION	15	47	62	4
07B81A1038	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	47	65	4
07B81A1038	Q1022	OPTICAL & LASER INSTRUMENTATION	15	74	89	4
07B81A1038	Q1023	BIOMEDICAL INSTRUMENTATION	13	36	49	4
07B81A1038	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	46	67	2
07B81A1038	Q1025	INSTRUMENTATION - II (LAB)	22	44	66	2
07B81A1039	P0221	DIGITAL SIGNAL PROCESSING	13	30	43	4
07B81A1039	P0422	MICROPROCESSORS & INTERFACING	14	28	42	4
07B81A1039	P1021	PRINCIPLES OF COMMUNICATION	13	35	48	4
07B81A1039	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	14	20	34	0
07B81A1039	Q1022	OPTICAL & LASER INSTRUMENTATION	14	69	83	4
07B81A1039	Q1023	BIOMEDICAL INSTRUMENTATION	12	35	47	4
07B81A1039	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	36	55	2
07B81A1039	Q1025	INSTRUMENTATION - II (LAB)	23	42	65	2

07B81A1040	P0221	DIGITAL SIGNAL PROCESSING	17	68	85	4
07B81A1040	P0422	MICROPROCESSORS & INTERFACING	15	34	49	4
07B81A1040	P1021	PRINCIPLES OF COMMUNICATION	15	35	50	4
07B81A1040	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	33	50	4
07B81A1040	Q1022	OPTICAL & LASER INSTRUMENTATION	15	74	89	4
07B81A1040	Q1023	BIOMEDICAL INSTRUMENTATION	15	45	60	4
07B81A1040	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	41	60	2
07B81A1040	Q1025	INSTRUMENTATION - II (LAB)	20	42	62	2
07B81A1041	P0221	DIGITAL SIGNAL PROCESSING	13	46	59	4
07B81A1041	P0422	MICROPROCESSORS & INTERFACING	14	40	54	4
07B81A1041	P1021	PRINCIPLES OF COMMUNICATION	9	43	52	4
07B81A1041	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	41	58	4
07B81A1041	Q1022	OPTICAL & LASER INSTRUMENTATION	15	63	78	4
07B81A1041	Q1023	BIOMEDICAL INSTRUMENTATION	11	32	43	4
07B81A1041	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	40	59	2
07B81A1041	Q1025	INSTRUMENTATION - II (LAB)	20	42	62	2
07B81A1042	P0221	DIGITAL SIGNAL PROCESSING	16	47	63	4
07B81A1042	P0422	MICROPROCESSORS & INTERFACING	16	36	52	4
07B81A1042	P1021	PRINCIPLES OF COMMUNICATION	16	37	53	4
07B81A1042	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	36	54	4
07B81A1042	Q1022	OPTICAL & LASER INSTRUMENTATION	17	64	81	4
07B81A1042	Q1023	BIOMEDICAL INSTRUMENTATION	18	29	47	4
07B81A1042	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	45	68	2
07B81A1042	Q1025	INSTRUMENTATION - II (LAB)	24	47	71	2
07B81A1043	P0221	DIGITAL SIGNAL PROCESSING	16	49	65	4
07B81A1043	P0422	MICROPROCESSORS & INTERFACING	17	33	50	4
07B81A1043	P1021	PRINCIPLES OF COMMUNICATION	15	54	69	4
07B81A1043	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	17	35	52	4
07B81A1043	Q1022	OPTICAL & LASER INSTRUMENTATION	15	70	85	4
07B81A1043	Q1023	BIOMEDICAL INSTRUMENTATION	14	43	57	4
07B81A1043	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	46	67	2
07B81A1043	Q1025	INSTRUMENTATION - II (LAB)	20	44	64	2
07B81A1044	P0221	DIGITAL SIGNAL PROCESSING	15	63	78	4
07B81A1044	P0422	MICROPROCESSORS & INTERFACING	14	31	45	4
07B81A1044	P1021	PRINCIPLES OF COMMUNICATION	13	35	48	4
07B81A1044	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	15	28	43	4
07B81A1044	Q1022	OPTICAL & LASER INSTRUMENTATION	14	74	88	4
07B81A1044	Q1023	BIOMEDICAL INSTRUMENTATION	10	38	48	4
07B81A1044	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	43	64	2
07B81A1044	Q1025	INSTRUMENTATION - II (LAB)	20	45	65	2
07B81A1045	P0221	DIGITAL SIGNAL PROCESSING	18	38	56	4
07B81A1045	P0422	MICROPROCESSORS & INTERFACING	15	55	70	4
07B81A1045	P1021	PRINCIPLES OF COMMUNICATION	15	37	52	4
07B81A1045	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	45	61	4
07B81A1045	Q1022	OPTICAL & LASER INSTRUMENTATION	14	65	79	4
07B81A1045	Q1023	BIOMEDICAL INSTRUMENTATION	15	19	34	0
07B81A1045	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	47	70	2
07B81A1045	Q1025	INSTRUMENTATION - II (LAB)	22	47	69	2
07B81A1046	P0221	DIGITAL SIGNAL PROCESSING	15	37	52	4
07B81A1046	P0422	MICROPROCESSORS & INTERFACING	12	42	54	4
07B81A1046	P1021	PRINCIPLES OF COMMUNICATION	15	39	54	4

07B81A1046	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	15	37	52	4
07B81A1046	Q1022	OPTICAL & LASER INSTRUMENTATION	14	80	94	4
07B81A1046	Q1023	BIOMEDICAL INSTRUMENTATION	14	38	52	4
07B81A1046	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	19	42	61	2
07B81A1046	Q1025	INSTRUMENTATION - II (LAB)	19	43	62	2
07B81A1047	P0221	DIGITAL SIGNAL PROCESSING	17	48	65	4
07B81A1047	P0422	MICROPROCESSORS & INTERFACING	18	47	65	4
07B81A1047	P1021	PRINCIPLES OF COMMUNICATION	16	47	63	4
07B81A1047	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	42	60	4
07B81A1047	Q1022	OPTICAL & LASER INSTRUMENTATION	17	79	96	4
07B81A1047	Q1023	BIOMEDICAL INSTRUMENTATION	17	35	52	4
07B81A1047	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	47	69	2
07B81A1047	Q1025	INSTRUMENTATION - II (LAB)	19	46	65	2
07B81A1048	P0221	DIGITAL SIGNAL PROCESSING	18	69	87	4
07B81A1048	P0422	MICROPROCESSORS & INTERFACING	18	62	80	4
07B81A1048	P1021	PRINCIPLES OF COMMUNICATION	18	68	86	4
07B81A1048	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	20	57	77	4
07B81A1048	Q1022	OPTICAL & LASER INSTRUMENTATION	19	80	99	4
07B81A1048	Q1023	BIOMEDICAL INSTRUMENTATION	19	52	71	4
07B81A1048	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	24	49	73	2
07B81A1048	Q1025	INSTRUMENTATION - II (LAB)	25	50	75	2
07B81A1049	P0221	DIGITAL SIGNAL PROCESSING	9	13	22	0
07B81A1049	P0422	MICROPROCESSORS & INTERFACING	11	31	42	4
07B81A1049	P1021	PRINCIPLES OF COMMUNICATION	9	27	36	0
07B81A1049	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	11	17	28	0
07B81A1049	Q1022	OPTICAL & LASER INSTRUMENTATION	10	52	62	4
07B81A1049	Q1023	BIOMEDICAL INSTRUMENTATION	9	16	25	0
07B81A1049	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	17	26	43	2
07B81A1049	Q1025	INSTRUMENTATION - II (LAB)	16	38	54	2
07B81A1050	P0221	DIGITAL SIGNAL PROCESSING	13	38	51	4
07B81A1050	P0422	MICROPROCESSORS & INTERFACING	11	30	41	4
07B81A1050	P1021	PRINCIPLES OF COMMUNICATION	11	15	26	0
07B81A1050	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	33	49	4
07B81A1050	Q1022	OPTICAL & LASER INSTRUMENTATION	13	63	76	4
07B81A1050	Q1023	BIOMEDICAL INSTRUMENTATION	13	17	30	0
07B81A1050	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	40	61	2
07B81A1050	Q1025	INSTRUMENTATION - II (LAB)	22	47	69	2
07B81A1051	P0221	DIGITAL SIGNAL PROCESSING	16	46	62	4
07B81A1051	P0422	MICROPROCESSORS & INTERFACING	13	40	53	4
07B81A1051	P1021	PRINCIPLES OF COMMUNICATION	14	54	68	4
07B81A1051	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	41	57	4
07B81A1051	Q1022	OPTICAL & LASER INSTRUMENTATION	14	68	82	4
07B81A1051	Q1023	BIOMEDICAL INSTRUMENTATION	12	28	40	4
07B81A1051	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	40	61	2
07B81A1051	Q1025	INSTRUMENTATION - II (LAB)	20	44	64	2
07B81A1052	P0221	DIGITAL SIGNAL PROCESSING	18	64	82	4
07B81A1052	P0422	MICROPROCESSORS & INTERFACING	15	55	70	4
07B81A1052	P1021	PRINCIPLES OF COMMUNICATION	16	68	84	4
07B81A1052	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	49	68	4
07B81A1052	Q1022	OPTICAL & LASER INSTRUMENTATION	16	64	80	4
07B81A1052	Q1023	BIOMEDICAL INSTRUMENTATION	16	53	69	4

07B81A1052	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	43	65	2
07B81A1052	Q1025	INSTRUMENTATION - II (LAB)	18	46	64	2
07B81A1053	P0221	DIGITAL SIGNAL PROCESSING	15	21	36	0
07B81A1053	P0422	MICROPROCESSORS & INTERFACING	14	34	48	4
07B81A1053	P1021	PRINCIPLES OF COMMUNICATION	15	39	54	4
07B81A1053	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	16	29	45	4
07B81A1053	Q1022	OPTICAL & LASER INSTRUMENTATION	15	60	75	4
07B81A1053	Q1023	BIOMEDICAL INSTRUMENTATION	13	28	41	4
07B81A1053	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	22	46	68	2
07B81A1053	Q1025	INSTRUMENTATION - II (LAB)	23	46	69	2
07B81A1054	P0221	DIGITAL SIGNAL PROCESSING	18	49	67	4
07B81A1054	P0422	MICROPROCESSORS & INTERFACING	16	52	68	4
07B81A1054	P1021	PRINCIPLES OF COMMUNICATION	17	45	62	4
07B81A1054	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	53	72	4
07B81A1054	Q1022	OPTICAL & LASER INSTRUMENTATION	17	80	97	4
07B81A1054	Q1023	BIOMEDICAL INSTRUMENTATION	15	45	60	4
07B81A1054	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	42	62	2
07B81A1054	Q1025	INSTRUMENTATION - II (LAB)	22	44	66	2
07B81A1055	P0221	DIGITAL SIGNAL PROCESSING	16	66	82	4
07B81A1055	P0422	MICROPROCESSORS & INTERFACING	16	36	52	4
07B81A1055	P1021	PRINCIPLES OF COMMUNICATION	15	43	58	4
07B81A1055	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	39	57	4
07B81A1055	Q1022	OPTICAL & LASER INSTRUMENTATION	16	52	68	4
07B81A1055	Q1023	BIOMEDICAL INSTRUMENTATION	13	36	49	4
07B81A1055	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	20	43	63	2
07B81A1055	Q1025	INSTRUMENTATION - II (LAB)	22	45	67	2
07B81A1056	P0221	DIGITAL SIGNAL PROCESSING	19	67	86	4
07B81A1056	P0422	MICROPROCESSORS & INTERFACING	15	47	62	4
07B81A1056	P1021	PRINCIPLES OF COMMUNICATION	16	57	73	4
07B81A1056	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	41	59	4
07B81A1056	Q1022	OPTICAL & LASER INSTRUMENTATION	16	77	93	4
07B81A1056	Q1023	BIOMEDICAL INSTRUMENTATION	15	28	43	4
07B81A1056	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	48	71	2
07B81A1056	Q1025	INSTRUMENTATION - II (LAB)	20	46	66	2
07B81A1057	P0221	DIGITAL SIGNAL PROCESSING	16	49	65	4
07B81A1057	P0422	MICROPROCESSORS & INTERFACING	16	58	74	4
07B81A1057	P1021	PRINCIPLES OF COMMUNICATION	16	53	69	4
07B81A1057	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	18	39	57	4
07B81A1057	Q1022	OPTICAL & LASER INSTRUMENTATION	16	74	90	4
07B81A1057	Q1023	BIOMEDICAL INSTRUMENTATION	14	33	47	4
07B81A1057	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	23	26	49	2
07B81A1057	Q1025	INSTRUMENTATION - II (LAB)	23	45	68	2
07B81A1058	P0221	DIGITAL SIGNAL PROCESSING	19	59	78	4
07B81A1058	P0422	MICROPROCESSORS & INTERFACING	15	56	71	4
07B81A1058	P1021	PRINCIPLES OF COMMUNICATION	17	47	64	4
07B81A1058	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	19	52	71	4
07B81A1058	Q1022	OPTICAL & LASER INSTRUMENTATION	17	80	97	4
07B81A1058	Q1023	BIOMEDICAL INSTRUMENTATION	15	40	55	4
07B81A1058	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	21	47	68	2
07B81A1058	Q1025	INSTRUMENTATION - II (LAB)	23	48	71	2
07B81A1059	P0221	DIGITAL SIGNAL PROCESSING	7	28	35	0

07B81A1059	P0422	MICROPROCESSORS & INTERFACING	13	0	13	0
07B81A1059	P1021	PRINCIPLES OF COMMUNICATION	11	19	30	0
07B81A1059	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	12	28	40	4
07B81A1059	Q1022	OPTICAL & LASER INSTRUMENTATION	10	66	76	4
07B81A1059	Q1023	BIOMEDICAL INSTRUMENTATION	12	19	31	0
07B81A1059	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	13	26	39	2
07B81A1059	Q1025	INSTRUMENTATION - II (LAB)	20	47	67	2
07B81A1060	P0221	DIGITAL SIGNAL PROCESSING	8	51	59	4
07B81A1060	P0422	MICROPROCESSORS & INTERFACING	10	4	14	0
07B81A1060	P1021	PRINCIPLES OF COMMUNICATION	10	47	57	4
07B81A1060	Q1021	AUTOMATION OF INDUSTRIAL PROCESSES	12	28	40	4
07B81A1060	Q1022	OPTICAL & LASER INSTRUMENTATION	12	55	67	4
07B81A1060	Q1023	BIOMEDICAL INSTRUMENTATION	10	21	31	0
07B81A1060	Q1024	ELECTRONICS DESIGN AUTOMATION (LAB)	16	39	55	2
07B81A1060	Q1025	INSTRUMENTATION - II (LAB)	19	38	57	2