



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech II Semester (R10) regular/supply Examinations April-2013

College: ST.MARY'S GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0213	R32021	ELECTRICAL MACHINE DESIGN	13	27	4
09BJ1A0213	R32022	POWER SYSTEM ANALYSIS	17	27	4
09BJ1A0213	R32023	UTILIZATION OF ELECTRICAL ENERGY	13	12	0
09BJ1A0213	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	0	0
09BJ1A0213	R32025	POWER SEMICONDUCTOR DRIVES	12	35	4
09BJ1A0213	R32026	MANAGEMENT SCIENCE	18	48	4
09BJ1A0213	R32027	POWER ELECTRONICS LAB	19	37	2
09BJ1A0213	R32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
09BJ1A0231	R32021	ELECTRICAL MACHINE DESIGN	11	32	4
09BJ1A0231	R32022	POWER SYSTEM ANALYSIS	17	26	4
09BJ1A0231	R32023	UTILIZATION OF ELECTRICAL ENERGY	11	29	4
09BJ1A0231	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	12	0
09BJ1A0231	R32025	POWER SEMICONDUCTOR DRIVES	15	19	0
09BJ1A0231	R32026	MANAGEMENT SCIENCE	16	30	4
09BJ1A0231	R32027	POWER ELECTRONICS LAB	18	29	2
09BJ1A0231	R32028	ELECTRICAL MEASUREMENTS LAB	14	40	2
09BJ1A0314	R32031	METROLOGY	13	14	0
09BJ1A0314	R32032	ROBOTICS	17	3	0
09BJ1A0314	R32033	HEAT TRANSFER	14	0	0
09BJ1A0314	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	20	0
09BJ1A0314	R32035	DESIGN OF MACHINE MEMBERS_II	14	20	0
09BJ1A0314	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	5	0
09BJ1A0314	R32037	METROLOGY & INSTRUMENTATION LAB	20	50	2
09BJ1A0314	R32038	HEAT TRANSFER LAB	24	39	2
09BJ1A0316	R32031	METROLOGY	11	2	0
09BJ1A0316	R32032	ROBOTICS	19	4	0
09BJ1A0316	R32033	HEAT TRANSFER	13	2	0
09BJ1A0316	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	4	0
09BJ1A0316	R32035	DESIGN OF MACHINE MEMBERS_II	12	4	0
09BJ1A0316	R32036	INDUSTRIAL ENGG. & MANAGEMENT	12	0	0
09BJ1A0316	R32037	METROLOGY & INSTRUMENTATION LAB	22	44	2
09BJ1A0316	R32038	HEAT TRANSFER LAB	23	40	2
09BJ1A0336	R32031	METROLOGY	12	57	4
09BJ1A0336	R32032	ROBOTICS	16	46	4
09BJ1A0336	R32033	HEAT TRANSFER	12	0	0
09BJ1A0336	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	-1	0
09BJ1A0336	R32035	DESIGN OF MACHINE MEMBERS_II	12	-1	0
09BJ1A0336	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
09BJ1A0336	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
09BJ1A0336	R32038	HEAT TRANSFER LAB	23	39	2
09BJ1A0411	R32026	MANAGEMENT SCIENCE	11	-1	0
09BJ1A0411	R32041	COMPUTER NETWORKS	15	0	0
09BJ1A0411	R32042	MICROWAVE ENGINEERING	8	5	0
09BJ1A0411	R32043	DIGITAL SIGNAL PROCESSING	4	0	0

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0411	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	9	0	0
09BJ1A0411	R32045	VLSI DESIGN	3	0	0
09BJ1A0411	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
09BJ1A0411	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	15	45	2
09BJ1A0421	R32026	MANAGEMENT SCIENCE	10	-1	0
09BJ1A0421	R32041	COMPUTER NETWORKS	5	0	0
09BJ1A0421	R32042	MICROWAVE ENGINEERING	8	0	0
09BJ1A0421	R32043	DIGITAL SIGNAL PROCESSING	8	8	0
09BJ1A0421	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	8	0	0
09BJ1A0421	R32045	VLSI DESIGN	9	8	0
09BJ1A0421	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
09BJ1A0421	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	14	47	2
09BJ1A0423	R32026	MANAGEMENT SCIENCE	16	14	0
09BJ1A0423	R32041	COMPUTER NETWORKS	8	35	4
09BJ1A0423	R32042	MICROWAVE ENGINEERING	11	5	0
09BJ1A0423	R32043	DIGITAL SIGNAL PROCESSING	12	16	0
09BJ1A0423	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	4	0
09BJ1A0423	R32045	VLSI DESIGN	12	0	0
09BJ1A0423	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
09BJ1A0423	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	16	47	2
09BJ1A0429	R32026	MANAGEMENT SCIENCE	0	35	0
09BJ1A0429	R32041	COMPUTER NETWORKS	0	28	0
09BJ1A0429	R32042	MICROWAVE ENGINEERING	0	22	0
09BJ1A0429	R32043	DIGITAL SIGNAL PROCESSING	0	26	0
09BJ1A0429	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	4	0	0
09BJ1A0429	R32045	VLSI DESIGN	2	14	0
09BJ1A0429	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	10	0
09BJ1A0429	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	14	-1	0
09BJ1A0453	R32026	MANAGEMENT SCIENCE	14	27	4
09BJ1A0453	R32041	COMPUTER NETWORKS	15	7	0
09BJ1A0453	R32042	MICROWAVE ENGINEERING	12	46	4
09BJ1A0453	R32043	DIGITAL SIGNAL PROCESSING	11	0	0
09BJ1A0453	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	0	0
09BJ1A0453	R32045	VLSI DESIGN	13	16	0
09BJ1A0453	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
09BJ1A0453	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	47	2
09BJ1A0516	P32051	ADVANCED OPERATING SYSTEMS	23	26	4
09BJ1A0516	R32026	MANAGEMENT SCIENCE	16	28	4
09BJ1A0516	R32051	ADVANCED COMPUTER NETWORKS	16	18	0
09BJ1A0516	R32052	COMPUTER ARCHITECTURE	14	7	0
09BJ1A0516	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	-1	0
09BJ1A0516	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	8	0
09BJ1A0516	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	47	2
09BJ1A0517	R32026	MANAGEMENT SCIENCE	13	45	4
09BJ1A0517	R32051	ADVANCED COMPUTER NETWORKS	14	28	4
09BJ1A0517	R32052	COMPUTER ARCHITECTURE	11	44	4
09BJ1A0517	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	9	0
09BJ1A0517	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	34	4
09BJ1A0517	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	50	2
09BJ1A0525	R32026	MANAGEMENT SCIENCE	13	-1	0
09BJ1A0525	R32051	ADVANCED COMPUTER NETWORKS	13	27	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0525	R32052	COMPUTER ARCHITECTURE	15	36	4
09BJ1A0525	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	14	-1	0
09BJ1A0525	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	-1	0
09BJ1A0525	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	47	2
09BJ1A0534	P32051	ADVANCED OPERATING SYSTEMS	22	29	4
09BJ1A0534	R32026	MANAGEMENT SCIENCE	16	9	0
09BJ1A0534	R32051	ADVANCED COMPUTER NETWORKS	16	5	0
09BJ1A0534	R32052	COMPUTER ARCHITECTURE	15	12	0
09BJ1A0534	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	14	26	4
09BJ1A0534	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	0	0
09BJ1A0534	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	21	47	2
09BJ1A0544	P32051	ADVANCED OPERATING SYSTEMS	23	36	4
09BJ1A0544	R32026	MANAGEMENT SCIENCE	16	0	0
09BJ1A0544	R32051	ADVANCED COMPUTER NETWORKS	15	14	0
09BJ1A0544	R32052	COMPUTER ARCHITECTURE	16	26	4
09BJ1A0544	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	0	0
09BJ1A0544	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	28	4
09BJ1A0544	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	20	48	2
10A41A0449	R32026	MANAGEMENT SCIENCE	15	28	4
10A41A0449	R32041	COMPUTER NETWORKS	20	27	4
10A41A0449	R32042	MICROWAVE ENGINEERING	18	30	4
10A41A0449	R32043	DIGITAL SIGNAL PROCESSING	13	29	4
10A41A0449	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	26	4
10A41A0449	R32045	VLSI DESIGN	19	26	4
10A41A0449	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
10A41A0449	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	48	2
10BJ1A0201	R32021	ELECTRICAL MACHINE DESIGN	18	31	4
10BJ1A0201	R32022	POWER SYSTEM ANALYSIS	17	37	4
10BJ1A0201	R32023	UTILIZATION OF ELECTRICAL ENERGY	19	56	4
10BJ1A0201	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	48	4
10BJ1A0201	R32025	POWER SEMICONDUCTOR DRIVES	20	36	4
10BJ1A0201	R32026	MANAGEMENT SCIENCE	21	47	4
10BJ1A0201	R32027	POWER ELECTRONICS LAB	23	42	2
10BJ1A0201	R32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
10BJ1A0202	R32021	ELECTRICAL MACHINE DESIGN	19	35	4
10BJ1A0202	R32022	POWER SYSTEM ANALYSIS	21	54	4
10BJ1A0202	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	53	4
10BJ1A0202	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	35	4
10BJ1A0202	R32025	POWER SEMICONDUCTOR DRIVES	20	54	4
10BJ1A0202	R32026	MANAGEMENT SCIENCE	18	36	4
10BJ1A0202	R32027	POWER ELECTRONICS LAB	24	45	2
10BJ1A0202	R32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
10BJ1A0203	R32021	ELECTRICAL MACHINE DESIGN	19	27	4
10BJ1A0203	R32022	POWER SYSTEM ANALYSIS	18	39	4
10BJ1A0203	R32023	UTILIZATION OF ELECTRICAL ENERGY	19	32	4
10BJ1A0203	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	39	4
10BJ1A0203	R32025	POWER SEMICONDUCTOR DRIVES	20	57	4
10BJ1A0203	R32026	MANAGEMENT SCIENCE	19	52	4
10BJ1A0203	R32027	POWER ELECTRONICS LAB	23	42	2
10BJ1A0203	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
10BJ1A0204	R32021	ELECTRICAL MACHINE DESIGN	16	40	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0204	R32022	POWER SYSTEM ANALYSIS	16	9	0
10BJ1A0204	R32023	UTILIZATION OF ELECTRICAL ENERGY	10	39	4
10BJ1A0204	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	11	0
10BJ1A0204	R32025	POWER SEMICONDUCTOR DRIVES	11	16	0
10BJ1A0204	R32026	MANAGEMENT SCIENCE	15	33	4
10BJ1A0204	R32027	POWER ELECTRONICS LAB	19	37	2
10BJ1A0204	R32028	ELECTRICAL MEASUREMENTS LAB	16	42	2
10BJ1A0205	R32021	ELECTRICAL MACHINE DESIGN	16	27	4
10BJ1A0205	R32022	POWER SYSTEM ANALYSIS	16	0	0
10BJ1A0205	R32023	UTILIZATION OF ELECTRICAL ENERGY	10	32	4
10BJ1A0205	R32024	MICROPROCESSORS AND MICROCONTROLLER	14	10	0
10BJ1A0205	R32025	POWER SEMICONDUCTOR DRIVES	10	8	0
10BJ1A0205	R32026	MANAGEMENT SCIENCE	16	17	0
10BJ1A0205	R32027	POWER ELECTRONICS LAB	18	35	2
10BJ1A0205	R32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
10BJ1A0206	R32021	ELECTRICAL MACHINE DESIGN	17	39	4
10BJ1A0206	R32022	POWER SYSTEM ANALYSIS	19	37	4
10BJ1A0206	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	45	4
10BJ1A0206	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	26	4
10BJ1A0206	R32025	POWER SEMICONDUCTOR DRIVES	16	12	0
10BJ1A0206	R32026	MANAGEMENT SCIENCE	20	38	4
10BJ1A0206	R32027	POWER ELECTRONICS LAB	21	46	2
10BJ1A0206	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
10BJ1A0207	R32021	ELECTRICAL MACHINE DESIGN	18	16	0
10BJ1A0207	R32022	POWER SYSTEM ANALYSIS	16	42	4
10BJ1A0207	R32023	UTILIZATION OF ELECTRICAL ENERGY	15	26	4
10BJ1A0207	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	41	4
10BJ1A0207	R32025	POWER SEMICONDUCTOR DRIVES	18	66	4
10BJ1A0207	R32026	MANAGEMENT SCIENCE	18	39	4
10BJ1A0207	R32027	POWER ELECTRONICS LAB	24	48	2
10BJ1A0207	R32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
10BJ1A0208	R32021	ELECTRICAL MACHINE DESIGN	12	46	4
10BJ1A0208	R32022	POWER SYSTEM ANALYSIS	17	13	0
10BJ1A0208	R32023	UTILIZATION OF ELECTRICAL ENERGY	13	39	4
10BJ1A0208	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	7	0
10BJ1A0208	R32025	POWER SEMICONDUCTOR DRIVES	13	19	0
10BJ1A0208	R32026	MANAGEMENT SCIENCE	17	30	4
10BJ1A0208	R32027	POWER ELECTRONICS LAB	20	36	2
10BJ1A0208	R32028	ELECTRICAL MEASUREMENTS LAB	18	42	2
10BJ1A0209	R32021	ELECTRICAL MACHINE DESIGN	17	27	4
10BJ1A0209	R32022	POWER SYSTEM ANALYSIS	16	16	0
10BJ1A0209	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	34	4
10BJ1A0209	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	26	4
10BJ1A0209	R32025	POWER SEMICONDUCTOR DRIVES	8	12	0
10BJ1A0209	R32026	MANAGEMENT SCIENCE	15	37	4
10BJ1A0209	R32027	POWER ELECTRONICS LAB	18	35	2
10BJ1A0209	R32028	ELECTRICAL MEASUREMENTS LAB	14	40	2
10BJ1A0211	R32021	ELECTRICAL MACHINE DESIGN	4	2	0
10BJ1A0211	R32022	POWER SYSTEM ANALYSIS	13	0	0
10BJ1A0211	R32023	UTILIZATION OF ELECTRICAL ENERGY	3	11	0
10BJ1A0211	R32024	MICROPROCESSORS AND MICROCONTROLLER	4	1	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0211	R32026	MANAGEMENT SCIENCE	2	10	0
10BJ1A0211	R32027	POWER ELECTRONICS LAB	0	-1	0
10BJ1A0211	R32028	ELECTRICAL MEASUREMENTS LAB	0	25	0
10BJ1A0212	R32021	ELECTRICAL MACHINE DESIGN	17	28	4
10BJ1A0212	R32022	POWER SYSTEM ANALYSIS	19	48	4
10BJ1A0212	R32023	UTILIZATION OF ELECTRICAL ENERGY	19	43	4
10BJ1A0212	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	49	4
10BJ1A0212	R32025	POWER SEMICONDUCTOR DRIVES	22	73	4
10BJ1A0212	R32026	MANAGEMENT SCIENCE	15	46	4
10BJ1A0212	R32027	POWER ELECTRONICS LAB	25	47	2
10BJ1A0212	R32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
10BJ1A0213	R32021	ELECTRICAL MACHINE DESIGN	16	32	4
10BJ1A0213	R32022	POWER SYSTEM ANALYSIS	20	48	4
10BJ1A0213	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	56	4
10BJ1A0213	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	34	4
10BJ1A0213	R32025	POWER SEMICONDUCTOR DRIVES	17	26	4
10BJ1A0213	R32026	MANAGEMENT SCIENCE	11	40	4
10BJ1A0213	R32027	POWER ELECTRONICS LAB	22	41	2
10BJ1A0213	R32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
10BJ1A0214	R32021	ELECTRICAL MACHINE DESIGN	17	30	4
10BJ1A0214	R32022	POWER SYSTEM ANALYSIS	17	43	4
10BJ1A0214	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	35	4
10BJ1A0214	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	42	4
10BJ1A0214	R32025	POWER SEMICONDUCTOR DRIVES	17	36	4
10BJ1A0214	R32026	MANAGEMENT SCIENCE	17	46	4
10BJ1A0214	R32027	POWER ELECTRONICS LAB	22	41	2
10BJ1A0214	R32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
10BJ1A0215	R32021	ELECTRICAL MACHINE DESIGN	14	26	4
10BJ1A0215	R32022	POWER SYSTEM ANALYSIS	10	15	0
10BJ1A0215	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	46	4
10BJ1A0215	R32024	MICROPROCESSORS AND MICROCONTROLLER	14	14	0
10BJ1A0215	R32025	POWER SEMICONDUCTOR DRIVES	10	14	0
10BJ1A0215	R32026	MANAGEMENT SCIENCE	17	26	4
10BJ1A0215	R32027	POWER ELECTRONICS LAB	19	37	2
10BJ1A0215	R32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
10BJ1A0217	R32021	ELECTRICAL MACHINE DESIGN	19	32	4
10BJ1A0217	R32022	POWER SYSTEM ANALYSIS	20	47	4
10BJ1A0217	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	41	4
10BJ1A0217	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	46	4
10BJ1A0217	R32025	POWER SEMICONDUCTOR DRIVES	19	60	4
10BJ1A0217	R32026	MANAGEMENT SCIENCE	18	46	4
10BJ1A0217	R32027	POWER ELECTRONICS LAB	24	45	2
10BJ1A0217	R32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
10BJ1A0218	R32021	ELECTRICAL MACHINE DESIGN	11	3	0
10BJ1A0218	R32022	POWER SYSTEM ANALYSIS	15	15	0
10BJ1A0218	R32023	UTILIZATION OF ELECTRICAL ENERGY	17	2	0
10BJ1A0218	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	11	0
10BJ1A0218	R32025	POWER SEMICONDUCTOR DRIVES	2	3	0
10BJ1A0218	R32026	MANAGEMENT SCIENCE	0	-1	0
10BJ1A0218	R32027	POWER ELECTRONICS LAB	18	30	2
10BJ1A0218	R32028	ELECTRICAL MEASUREMENTS LAB	18	40	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0219	R32021	ELECTRICAL MACHINE DESIGN	17	27	4
10BJ1A0219	R32022	POWER SYSTEM ANALYSIS	16	41	4
10BJ1A0219	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	31	4
10BJ1A0219	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	37	4
10BJ1A0219	R32025	POWER SEMICONDUCTOR DRIVES	20	17	0
10BJ1A0219	R32026	MANAGEMENT SCIENCE	18	31	4
10BJ1A0219	R32027	POWER ELECTRONICS LAB	18	38	2
10BJ1A0219	R32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
10BJ1A0221	R32021	ELECTRICAL MACHINE DESIGN	16	15	0
10BJ1A0221	R32022	POWER SYSTEM ANALYSIS	13	28	4
10BJ1A0221	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	52	4
10BJ1A0221	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	34	4
10BJ1A0221	R32025	POWER SEMICONDUCTOR DRIVES	19	42	4
10BJ1A0221	R32026	MANAGEMENT SCIENCE	17	35	4
10BJ1A0221	R32027	POWER ELECTRONICS LAB	23	42	2
10BJ1A0221	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
10BJ1A0222	R32021	ELECTRICAL MACHINE DESIGN	19	31	4
10BJ1A0222	R32022	POWER SYSTEM ANALYSIS	22	68	4
10BJ1A0222	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	33	4
10BJ1A0222	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	50	4
10BJ1A0222	R32025	POWER SEMICONDUCTOR DRIVES	22	65	4
10BJ1A0222	R32026	MANAGEMENT SCIENCE	18	58	4
10BJ1A0222	R32027	POWER ELECTRONICS LAB	25	49	2
10BJ1A0222	R32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
10BJ1A0223	R32021	ELECTRICAL MACHINE DESIGN	15	41	4
10BJ1A0223	R32022	POWER SYSTEM ANALYSIS	13	43	4
10BJ1A0223	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	42	4
10BJ1A0223	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	28	4
10BJ1A0223	R32025	POWER SEMICONDUCTOR DRIVES	22	26	4
10BJ1A0223	R32026	MANAGEMENT SCIENCE	17	41	4
10BJ1A0223	R32027	POWER ELECTRONICS LAB	23	42	2
10BJ1A0223	R32028	ELECTRICAL MEASUREMENTS LAB	22	48	2
10BJ1A0224	R32021	ELECTRICAL MACHINE DESIGN	20	33	4
10BJ1A0224	R32022	POWER SYSTEM ANALYSIS	19	61	4
10BJ1A0224	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	50	4
10BJ1A0224	R32024	MICROPROCESSORS AND MICROCONTROLLER	22	52	4
10BJ1A0224	R32025	POWER SEMICONDUCTOR DRIVES	19	41	4
10BJ1A0224	R32026	MANAGEMENT SCIENCE	17	56	4
10BJ1A0224	R32027	POWER ELECTRONICS LAB	25	48	2
10BJ1A0224	R32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
10BJ1A0225	R32021	ELECTRICAL MACHINE DESIGN	14	27	4
10BJ1A0225	R32022	POWER SYSTEM ANALYSIS	12	10	0
10BJ1A0225	R32023	UTILIZATION OF ELECTRICAL ENERGY	10	52	4
10BJ1A0225	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	34	4
10BJ1A0225	R32025	POWER SEMICONDUCTOR DRIVES	19	29	4
10BJ1A0225	R32026	MANAGEMENT SCIENCE	16	33	4
10BJ1A0225	R32027	POWER ELECTRONICS LAB	18	37	2
10BJ1A0225	R32028	ELECTRICAL MEASUREMENTS LAB	16	30	2
10BJ1A0226	R32021	ELECTRICAL MACHINE DESIGN	17	16	0
10BJ1A0226	R32022	POWER SYSTEM ANALYSIS	16	38	4
10BJ1A0226	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	33	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0226	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	37	4
10BJ1A0226	R32025	POWER SEMICONDUCTOR DRIVES	17	51	4
10BJ1A0226	R32026	MANAGEMENT SCIENCE	18	44	4
10BJ1A0226	R32027	POWER ELECTRONICS LAB	21	42	2
10BJ1A0226	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
10BJ1A0227	R32021	ELECTRICAL MACHINE DESIGN	14	26	4
10BJ1A0227	R32022	POWER SYSTEM ANALYSIS	16	5	0
10BJ1A0227	R32023	UTILIZATION OF ELECTRICAL ENERGY	15	29	4
10BJ1A0227	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	2	0
10BJ1A0227	R32025	POWER SEMICONDUCTOR DRIVES	16	16	0
10BJ1A0227	R32026	MANAGEMENT SCIENCE	14	35	4
10BJ1A0227	R32027	POWER ELECTRONICS LAB	18	37	2
10BJ1A0227	R32028	ELECTRICAL MEASUREMENTS LAB	18	42	2
10BJ1A0229	R32021	ELECTRICAL MACHINE DESIGN	6	26	0
10BJ1A0229	R32022	POWER SYSTEM ANALYSIS	12	17	0
10BJ1A0229	R32023	UTILIZATION OF ELECTRICAL ENERGY	10	46	4
10BJ1A0229	R32024	MICROPROCESSORS AND MICROCONTROLLER	12	28	4
10BJ1A0229	R32025	POWER SEMICONDUCTOR DRIVES	11	7	0
10BJ1A0229	R32026	MANAGEMENT SCIENCE	11	29	4
10BJ1A0229	R32027	POWER ELECTRONICS LAB	19	29	2
10BJ1A0229	R32028	ELECTRICAL MEASUREMENTS LAB	14	42	2
10BJ1A0230	R32021	ELECTRICAL MACHINE DESIGN	14	29	4
10BJ1A0230	R32022	POWER SYSTEM ANALYSIS	14	26	4
10BJ1A0230	R32023	UTILIZATION OF ELECTRICAL ENERGY	12	52	4
10BJ1A0230	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	26	4
10BJ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	14	26	4
10BJ1A0230	R32026	MANAGEMENT SCIENCE	17	39	4
10BJ1A0230	R32027	POWER ELECTRONICS LAB	19	35	2
10BJ1A0230	R32028	ELECTRICAL MEASUREMENTS LAB	14	40	2
10BJ1A0231	R32021	ELECTRICAL MACHINE DESIGN	12	2	0
10BJ1A0231	R32022	POWER SYSTEM ANALYSIS	13	13	0
10BJ1A0231	R32023	UTILIZATION OF ELECTRICAL ENERGY	13	6	0
10BJ1A0231	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	-1	0
10BJ1A0231	R32025	POWER SEMICONDUCTOR DRIVES	11	0	0
10BJ1A0231	R32026	MANAGEMENT SCIENCE	14	31	4
10BJ1A0231	R32027	POWER ELECTRONICS LAB	16	29	2
10BJ1A0231	R32028	ELECTRICAL MEASUREMENTS LAB	6	25	2
10BJ1A0232	R32021	ELECTRICAL MACHINE DESIGN	16	37	4
10BJ1A0232	R32022	POWER SYSTEM ANALYSIS	16	40	4
10BJ1A0232	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	50	4
10BJ1A0232	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	31	4
10BJ1A0232	R32025	POWER SEMICONDUCTOR DRIVES	17	32	4
10BJ1A0232	R32026	MANAGEMENT SCIENCE	17	42	4
10BJ1A0232	R32027	POWER ELECTRONICS LAB	21	40	2
10BJ1A0232	R32028	ELECTRICAL MEASUREMENTS LAB	21	42	2
10BJ1A0233	R32021	ELECTRICAL MACHINE DESIGN	11	12	0
10BJ1A0233	R32022	POWER SYSTEM ANALYSIS	10	3	0
10BJ1A0233	R32023	UTILIZATION OF ELECTRICAL ENERGY	2	15	0
10BJ1A0233	R32024	MICROPROCESSORS AND MICROCONTROLLER	4	-1	0
10BJ1A0233	R32025	POWER SEMICONDUCTOR DRIVES	0	0	0
10BJ1A0233	R32026	MANAGEMENT SCIENCE	2	3	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0233	R32027	POWER ELECTRONICS LAB	5	29	2
10BJ1A0233	R32028	ELECTRICAL MEASUREMENTS LAB	3	25	0
10BJ1A0234	R32021	ELECTRICAL MACHINE DESIGN	5	2	0
10BJ1A0234	R32022	POWER SYSTEM ANALYSIS	12	2	0
10BJ1A0234	R32023	UTILIZATION OF ELECTRICAL ENERGY	9	26	0
10BJ1A0234	R32024	MICROPROCESSORS AND MICROCONTROLLER	6	0	0
10BJ1A0234	R32025	POWER SEMICONDUCTOR DRIVES	5	3	0
10BJ1A0234	R32026	MANAGEMENT SCIENCE	10	-1	0
10BJ1A0234	R32027	POWER ELECTRONICS LAB	17	29	2
10BJ1A0234	R32028	ELECTRICAL MEASUREMENTS LAB	15	25	2
10BJ1A0235	R32021	ELECTRICAL MACHINE DESIGN	13	14	0
10BJ1A0235	R32022	POWER SYSTEM ANALYSIS	15	34	4
10BJ1A0235	R32023	UTILIZATION OF ELECTRICAL ENERGY	13	11	0
10BJ1A0235	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	29	4
10BJ1A0235	R32025	POWER SEMICONDUCTOR DRIVES	13	50	4
10BJ1A0235	R32026	MANAGEMENT SCIENCE	11	42	4
10BJ1A0235	R32027	POWER ELECTRONICS LAB	16	29	2
10BJ1A0235	R32028	ELECTRICAL MEASUREMENTS LAB	15	25	2
10BJ1A0236	R32021	ELECTRICAL MACHINE DESIGN	19	36	4
10BJ1A0236	R32022	POWER SYSTEM ANALYSIS	20	39	4
10BJ1A0236	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	71	4
10BJ1A0236	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	42	4
10BJ1A0236	R32025	POWER SEMICONDUCTOR DRIVES	20	31	4
10BJ1A0236	R32026	MANAGEMENT SCIENCE	19	43	4
10BJ1A0236	R32027	POWER ELECTRONICS LAB	24	46	2
10BJ1A0236	R32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
10BJ1A0237	R32021	ELECTRICAL MACHINE DESIGN	12	15	0
10BJ1A0237	R32022	POWER SYSTEM ANALYSIS	13	17	0
10BJ1A0237	R32023	UTILIZATION OF ELECTRICAL ENERGY	11	5	0
10BJ1A0237	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	26	4
10BJ1A0237	R32025	POWER SEMICONDUCTOR DRIVES	13	10	0
10BJ1A0237	R32026	MANAGEMENT SCIENCE	14	12	0
10BJ1A0237	R32027	POWER ELECTRONICS LAB	18	36	2
10BJ1A0237	R32028	ELECTRICAL MEASUREMENTS LAB	15	45	2
10BJ1A0238	R32021	ELECTRICAL MACHINE DESIGN	13	35	4
10BJ1A0238	R32022	POWER SYSTEM ANALYSIS	16	28	4
10BJ1A0238	R32023	UTILIZATION OF ELECTRICAL ENERGY	11	41	4
10BJ1A0238	R32024	MICROPROCESSORS AND MICROCONTROLLER	14	26	4
10BJ1A0238	R32025	POWER SEMICONDUCTOR DRIVES	17	32	4
10BJ1A0238	R32026	MANAGEMENT SCIENCE	14	32	4
10BJ1A0238	R32027	POWER ELECTRONICS LAB	22	40	2
10BJ1A0238	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
10BJ1A0239	R32021	ELECTRICAL MACHINE DESIGN	13	0	0
10BJ1A0239	R32022	POWER SYSTEM ANALYSIS	14	18	0
10BJ1A0239	R32023	UTILIZATION OF ELECTRICAL ENERGY	8	2	0
10BJ1A0239	R32024	MICROPROCESSORS AND MICROCONTROLLER	4	9	0
10BJ1A0239	R32025	POWER SEMICONDUCTOR DRIVES	5	0	0
10BJ1A0239	R32026	MANAGEMENT SCIENCE	3	17	0
10BJ1A0239	R32027	POWER ELECTRONICS LAB	5	29	2
10BJ1A0239	R32028	ELECTRICAL MEASUREMENTS LAB	4	25	0
10BJ1A0240	R32021	ELECTRICAL MACHINE DESIGN	14	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0240	R32022	POWER SYSTEM ANALYSIS	17	26	4
10BJ1A0240	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	43	4
10BJ1A0240	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	40	4
10BJ1A0240	R32025	POWER SEMICONDUCTOR DRIVES	15	26	4
10BJ1A0240	R32026	MANAGEMENT SCIENCE	16	34	4
10BJ1A0240	R32027	POWER ELECTRONICS LAB	23	42	2
10BJ1A0240	R32028	ELECTRICAL MEASUREMENTS LAB	20	47	2
10BJ1A0241	R32021	ELECTRICAL MACHINE DESIGN	17	27	4
10BJ1A0241	R32022	POWER SYSTEM ANALYSIS	20	61	4
10BJ1A0241	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	61	4
10BJ1A0241	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	51	4
10BJ1A0241	R32025	POWER SEMICONDUCTOR DRIVES	21	34	4
10BJ1A0241	R32026	MANAGEMENT SCIENCE	17	51	4
10BJ1A0241	R32027	POWER ELECTRONICS LAB	25	47	2
10BJ1A0241	R32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
10BJ1A0242	R32021	ELECTRICAL MACHINE DESIGN	6	26	0
10BJ1A0242	R32022	POWER SYSTEM ANALYSIS	14	0	0
10BJ1A0242	R32023	UTILIZATION OF ELECTRICAL ENERGY	10	30	4
10BJ1A0242	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	7	0
10BJ1A0242	R32025	POWER SEMICONDUCTOR DRIVES	5	0	0
10BJ1A0242	R32026	MANAGEMENT SCIENCE	16	28	4
10BJ1A0242	R32027	POWER ELECTRONICS LAB	17	33	2
10BJ1A0242	R32028	ELECTRICAL MEASUREMENTS LAB	14	25	2
10BJ1A0243	R32021	ELECTRICAL MACHINE DESIGN	15	11	0
10BJ1A0243	R32022	POWER SYSTEM ANALYSIS	14	35	4
10BJ1A0243	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	15	0
10BJ1A0243	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	31	4
10BJ1A0243	R32025	POWER SEMICONDUCTOR DRIVES	14	39	4
10BJ1A0243	R32026	MANAGEMENT SCIENCE	16	36	4
10BJ1A0243	R32027	POWER ELECTRONICS LAB	22	37	2
10BJ1A0243	R32028	ELECTRICAL MEASUREMENTS LAB	20	45	2
10BJ1A0244	R32021	ELECTRICAL MACHINE DESIGN	14	26	4
10BJ1A0244	R32022	POWER SYSTEM ANALYSIS	15	26	4
10BJ1A0244	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	40	4
10BJ1A0244	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	17	0
10BJ1A0244	R32025	POWER SEMICONDUCTOR DRIVES	19	22	0
10BJ1A0244	R32026	MANAGEMENT SCIENCE	13	27	4
10BJ1A0244	R32027	POWER ELECTRONICS LAB	19	37	2
10BJ1A0244	R32028	ELECTRICAL MEASUREMENTS LAB	14	45	2
10BJ1A0245	R32021	ELECTRICAL MACHINE DESIGN	18	31	4
10BJ1A0245	R32022	POWER SYSTEM ANALYSIS	16	47	4
10BJ1A0245	R32023	UTILIZATION OF ELECTRICAL ENERGY	17	43	4
10BJ1A0245	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	44	4
10BJ1A0245	R32025	POWER SEMICONDUCTOR DRIVES	18	16	0
10BJ1A0245	R32026	MANAGEMENT SCIENCE	18	43	4
10BJ1A0245	R32027	POWER ELECTRONICS LAB	19	39	2
10BJ1A0245	R32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
10BJ1A0246	R32021	ELECTRICAL MACHINE DESIGN	18	34	4
10BJ1A0246	R32022	POWER SYSTEM ANALYSIS	21	50	4
10BJ1A0246	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	51	4
10BJ1A0246	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0246	R32025	POWER SEMICONDUCTOR DRIVES	19	39	4
10BJ1A0246	R32026	MANAGEMENT SCIENCE	17	35	4
10BJ1A0246	R32027	POWER ELECTRONICS LAB	23	45	2
10BJ1A0246	R32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
10BJ1A0248	R32021	ELECTRICAL MACHINE DESIGN	16	3	0
10BJ1A0248	R32022	POWER SYSTEM ANALYSIS	15	23	0
10BJ1A0248	R32023	UTILIZATION OF ELECTRICAL ENERGY	9	15	0
10BJ1A0248	R32024	MICROPROCESSORS AND MICROCONTROLLER	5	10	0
10BJ1A0248	R32025	POWER SEMICONDUCTOR DRIVES	7	2	0
10BJ1A0248	R32026	MANAGEMENT SCIENCE	10	12	0
10BJ1A0248	R32027	POWER ELECTRONICS LAB	5	29	2
10BJ1A0248	R32028	ELECTRICAL MEASUREMENTS LAB	5	25	2
10BJ1A0301	R32031	METROLOGY	16	42	4
10BJ1A0301	R32032	ROBOTICS	19	39	4
10BJ1A0301	R32033	HEAT TRANSFER	13	44	4
10BJ1A0301	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	49	4
10BJ1A0301	R32035	DESIGN OF MACHINE MEMBERS_II	18	32	4
10BJ1A0301	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	39	4
10BJ1A0301	R32037	METROLOGY & INSTRUMENTATION LAB	25	48	2
10BJ1A0301	R32038	HEAT TRANSFER LAB	23	49	2
10BJ1A0302	R32031	METROLOGY	19	33	4
10BJ1A0302	R32032	ROBOTICS	20	26	4
10BJ1A0302	R32033	HEAT TRANSFER	13	11	0
10BJ1A0302	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	67	4
10BJ1A0302	R32035	DESIGN OF MACHINE MEMBERS_II	17	29	4
10BJ1A0302	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	40	4
10BJ1A0302	R32037	METROLOGY & INSTRUMENTATION LAB	25	50	2
10BJ1A0302	R32038	HEAT TRANSFER LAB	24	50	2
10BJ1A0303	R32031	METROLOGY	19	44	4
10BJ1A0303	R32032	ROBOTICS	19	42	4
10BJ1A0303	R32033	HEAT TRANSFER	13	17	0
10BJ1A0303	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	58	4
10BJ1A0303	R32035	DESIGN OF MACHINE MEMBERS_II	19	26	4
10BJ1A0303	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	47	4
10BJ1A0303	R32037	METROLOGY & INSTRUMENTATION LAB	25	48	2
10BJ1A0303	R32038	HEAT TRANSFER LAB	24	48	2
10BJ1A0304	R32031	METROLOGY	17	58	4
10BJ1A0304	R32032	ROBOTICS	15	43	4
10BJ1A0304	R32033	HEAT TRANSFER	12	33	4
10BJ1A0304	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	46	4
10BJ1A0304	R32035	DESIGN OF MACHINE MEMBERS_II	18	28	4
10BJ1A0304	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	38	4
10BJ1A0304	R32037	METROLOGY & INSTRUMENTATION LAB	22	44	2
10BJ1A0304	R32038	HEAT TRANSFER LAB	23	47	2
10BJ1A0306	R32031	METROLOGY	18	31	4
10BJ1A0306	R32032	ROBOTICS	20	26	4
10BJ1A0306	R32033	HEAT TRANSFER	12	15	0
10BJ1A0306	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	33	4
10BJ1A0306	R32035	DESIGN OF MACHINE MEMBERS_II	14	14	0
10BJ1A0306	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	30	4
10BJ1A0306	R32037	METROLOGY & INSTRUMENTATION LAB	23	42	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0306	R32038	HEAT TRANSFER LAB	22	40	2
10BJ1A0307	R32031	METROLOGY	15	40	4
10BJ1A0307	R32032	ROBOTICS	18	26	4
10BJ1A0307	R32033	HEAT TRANSFER	13	5	0
10BJ1A0307	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	50	4
10BJ1A0307	R32035	DESIGN OF MACHINE MEMBERS_II	14	29	4
10BJ1A0307	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	33	4
10BJ1A0307	R32037	METROLOGY & INSTRUMENTATION LAB	21	40	2
10BJ1A0307	R32038	HEAT TRANSFER LAB	23	47	2
10BJ1A0308	R32031	METROLOGY	14	10	0
10BJ1A0308	R32032	ROBOTICS	17	29	4
10BJ1A0308	R32033	HEAT TRANSFER	12	18	0
10BJ1A0308	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	36	4
10BJ1A0308	R32035	DESIGN OF MACHINE MEMBERS_II	14	28	4
10BJ1A0308	R32036	INDUSTRIAL ENGG. & MANAGEMENT	12	30	4
10BJ1A0308	R32037	METROLOGY & INSTRUMENTATION LAB	22	44	2
10BJ1A0308	R32038	HEAT TRANSFER LAB	24	47	2
10BJ1A0309	R32031	METROLOGY	16	55	4
10BJ1A0309	R32032	ROBOTICS	16	41	4
10BJ1A0309	R32033	HEAT TRANSFER	13	27	4
10BJ1A0309	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	33	4
10BJ1A0309	R32035	DESIGN OF MACHINE MEMBERS_II	13	28	4
10BJ1A0309	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	12	0
10BJ1A0309	R32037	METROLOGY & INSTRUMENTATION LAB	23	46	2
10BJ1A0309	R32038	HEAT TRANSFER LAB	23	47	2
10BJ1A0310	R32031	METROLOGY	16	7	0
10BJ1A0310	R32032	ROBOTICS	14	32	4
10BJ1A0310	R32033	HEAT TRANSFER	13	27	4
10BJ1A0310	R32034	INSTRUMENTATION & CONTROL SYSTEMS	11	35	4
10BJ1A0310	R32035	DESIGN OF MACHINE MEMBERS_II	14	10	0
10BJ1A0310	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	32	4
10BJ1A0310	R32037	METROLOGY & INSTRUMENTATION LAB	20	38	2
10BJ1A0310	R32038	HEAT TRANSFER LAB	24	35	2
10BJ1A0311	R32031	METROLOGY	14	0	0
10BJ1A0311	R32032	ROBOTICS	19	5	0
10BJ1A0311	R32033	HEAT TRANSFER	12	0	0
10BJ1A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	9	12	0
10BJ1A0311	R32035	DESIGN OF MACHINE MEMBERS_II	16	0	0
10BJ1A0311	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	0	0
10BJ1A0311	R32037	METROLOGY & INSTRUMENTATION LAB	20	35	2
10BJ1A0311	R32038	HEAT TRANSFER LAB	23	35	2
10BJ1A0313	R32031	METROLOGY	11	0	0
10BJ1A0313	R32032	ROBOTICS	15	6	0
10BJ1A0313	R32033	HEAT TRANSFER	12	0	0
10BJ1A0313	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	14	0
10BJ1A0313	R32035	DESIGN OF MACHINE MEMBERS_II	16	26	4
10BJ1A0313	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	6	0
10BJ1A0313	R32037	METROLOGY & INSTRUMENTATION LAB	22	44	2
10BJ1A0313	R32038	HEAT TRANSFER LAB	22	35	2
10BJ1A0314	R32031	METROLOGY	20	59	4
10BJ1A0314	R32032	ROBOTICS	20	43	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0314	R32033	HEAT TRANSFER	16	26	4
10BJ1A0314	R32034	INSTRUMENTATION & CONTROL SYSTEMS	21	64	4
10BJ1A0314	R32035	DESIGN OF MACHINE MEMBERS_II	21	32	4
10BJ1A0314	R32036	INDUSTRIAL ENGG. & MANAGEMENT	20	52	4
10BJ1A0314	R32037	METROLOGY & INSTRUMENTATION LAB	25	50	2
10BJ1A0314	R32038	HEAT TRANSFER LAB	25	49	2
10BJ1A0315	R32031	METROLOGY	19	33	4
10BJ1A0315	R32032	ROBOTICS	14	35	4
10BJ1A0315	R32033	HEAT TRANSFER	16	26	4
10BJ1A0315	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	46	4
10BJ1A0315	R32035	DESIGN OF MACHINE MEMBERS_II	17	29	4
10BJ1A0315	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	41	4
10BJ1A0315	R32037	METROLOGY & INSTRUMENTATION LAB	24	50	2
10BJ1A0315	R32038	HEAT TRANSFER LAB	23	48	2
10BJ1A0316	R32031	METROLOGY	14	9	0
10BJ1A0316	R32032	ROBOTICS	19	26	4
10BJ1A0316	R32033	HEAT TRANSFER	13	3	0
10BJ1A0316	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	33	4
10BJ1A0316	R32035	DESIGN OF MACHINE MEMBERS_II	13	16	0
10BJ1A0316	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	5	0
10BJ1A0316	R32037	METROLOGY & INSTRUMENTATION LAB	22	38	2
10BJ1A0316	R32038	HEAT TRANSFER LAB	23	40	2
10BJ1A0317	R32031	METROLOGY	19	36	4
10BJ1A0317	R32032	ROBOTICS	19	26	4
10BJ1A0317	R32033	HEAT TRANSFER	15	11	0
10BJ1A0317	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	28	4
10BJ1A0317	R32035	DESIGN OF MACHINE MEMBERS_II	14	18	0
10BJ1A0317	R32036	INDUSTRIAL ENGG. & MANAGEMENT	16	39	4
10BJ1A0317	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
10BJ1A0317	R32038	HEAT TRANSFER LAB	24	39	2
10BJ1A0318	R32031	METROLOGY	20	69	4
10BJ1A0318	R32032	ROBOTICS	19	45	4
10BJ1A0318	R32033	HEAT TRANSFER	23	40	4
10BJ1A0318	R32034	INSTRUMENTATION & CONTROL SYSTEMS	20	75	4
10BJ1A0318	R32035	DESIGN OF MACHINE MEMBERS_II	23	47	4
10BJ1A0318	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	51	4
10BJ1A0318	R32037	METROLOGY & INSTRUMENTATION LAB	25	47	2
10BJ1A0318	R32038	HEAT TRANSFER LAB	23	47	2
10BJ1A0319	R32031	METROLOGY	14	31	4
10BJ1A0319	R32032	ROBOTICS	17	35	4
10BJ1A0319	R32033	HEAT TRANSFER	12	17	0
10BJ1A0319	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	28	4
10BJ1A0319	R32035	DESIGN OF MACHINE MEMBERS_II	18	17	0
10BJ1A0319	R32036	INDUSTRIAL ENGG. & MANAGEMENT	13	27	4
10BJ1A0319	R32037	METROLOGY & INSTRUMENTATION LAB	23	38	2
10BJ1A0319	R32038	HEAT TRANSFER LAB	22	46	2
10BJ1A0320	R32031	METROLOGY	21	28	4
10BJ1A0320	R32032	ROBOTICS	19	26	4
10BJ1A0320	R32033	HEAT TRANSFER	15	7	0
10BJ1A0320	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	42	4
10BJ1A0320	R32035	DESIGN OF MACHINE MEMBERS_II	21	39	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0320	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	48	4
10BJ1A0320	R32037	METROLOGY & INSTRUMENTATION LAB	22	40	2
10BJ1A0320	R32038	HEAT TRANSFER LAB	23	47	2
10BJ1A0321	R32031	METROLOGY	18	26	4
10BJ1A0321	R32032	ROBOTICS	17	34	4
10BJ1A0321	R32033	HEAT TRANSFER	19	26	4
10BJ1A0321	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	33	4
10BJ1A0321	R32035	DESIGN OF MACHINE MEMBERS_II	18	27	4
10BJ1A0321	R32036	INDUSTRIAL ENGG. & MANAGEMENT	11	29	4
10BJ1A0321	R32037	METROLOGY & INSTRUMENTATION LAB	23	41	2
10BJ1A0321	R32038	HEAT TRANSFER LAB	23	48	2
10BJ1A0323	R32031	METROLOGY	22	56	4
10BJ1A0323	R32032	ROBOTICS	18	35	4
10BJ1A0323	R32033	HEAT TRANSFER	17	38	4
10BJ1A0323	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	73	4
10BJ1A0323	R32035	DESIGN OF MACHINE MEMBERS_II	21	53	4
10BJ1A0323	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	54	4
10BJ1A0323	R32037	METROLOGY & INSTRUMENTATION LAB	25	46	2
10BJ1A0323	R32038	HEAT TRANSFER LAB	25	49	2
10BJ1A0324	R32031	METROLOGY	17	10	0
10BJ1A0324	R32032	ROBOTICS	18	31	4
10BJ1A0324	R32033	HEAT TRANSFER	17	12	0
10BJ1A0324	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	26	4
10BJ1A0324	R32035	DESIGN OF MACHINE MEMBERS_II	20	26	4
10BJ1A0324	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	4	0
10BJ1A0324	R32037	METROLOGY & INSTRUMENTATION LAB	23	38	2
10BJ1A0324	R32038	HEAT TRANSFER LAB	24	47	2
10BJ1A0325	R32031	METROLOGY	17	16	0
10BJ1A0325	R32032	ROBOTICS	16	14	0
10BJ1A0325	R32033	HEAT TRANSFER	15	2	0
10BJ1A0325	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	37	4
10BJ1A0325	R32035	DESIGN OF MACHINE MEMBERS_II	14	34	4
10BJ1A0325	R32036	INDUSTRIAL ENGG. & MANAGEMENT	16	0	0
10BJ1A0325	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
10BJ1A0325	R32038	HEAT TRANSFER LAB	23	40	2
10BJ1A0326	R32031	METROLOGY	17	26	4
10BJ1A0326	R32032	ROBOTICS	20	32	4
10BJ1A0326	R32033	HEAT TRANSFER	13	38	4
10BJ1A0326	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	26	4
10BJ1A0326	R32035	DESIGN OF MACHINE MEMBERS_II	21	38	4
10BJ1A0326	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	50	4
10BJ1A0326	R32037	METROLOGY & INSTRUMENTATION LAB	22	42	2
10BJ1A0326	R32038	HEAT TRANSFER LAB	23	43	2
10BJ1A0327	R32031	METROLOGY	18	49	4
10BJ1A0327	R32032	ROBOTICS	23	30	4
10BJ1A0327	R32033	HEAT TRANSFER	14	26	4
10BJ1A0327	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	56	4
10BJ1A0327	R32035	DESIGN OF MACHINE MEMBERS_II	19	33	4
10BJ1A0327	R32036	INDUSTRIAL ENGG. & MANAGEMENT	20	44	4
10BJ1A0327	R32037	METROLOGY & INSTRUMENTATION LAB	25	46	2
10BJ1A0327	R32038	HEAT TRANSFER LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0328	R32031	METROLOGY	14	33	4
10BJ1A0328	R32032	ROBOTICS	16	26	4
10BJ1A0328	R32033	HEAT TRANSFER	12	18	0
10BJ1A0328	R32034	INSTRUMENTATION & CONTROL SYSTEMS	11	29	4
10BJ1A0328	R32035	DESIGN OF MACHINE MEMBERS_II	12	21	0
10BJ1A0328	R32036	INDUSTRIAL ENGG. & MANAGEMENT	10	30	4
10BJ1A0328	R32037	METROLOGY & INSTRUMENTATION LAB	21	36	2
10BJ1A0328	R32038	HEAT TRANSFER LAB	23	41	2
10BJ1A0329	R32031	METROLOGY	12	17	0
10BJ1A0329	R32032	ROBOTICS	18	16	0
10BJ1A0329	R32033	HEAT TRANSFER	11	1	0
10BJ1A0329	R32034	INSTRUMENTATION & CONTROL SYSTEMS	9	36	4
10BJ1A0329	R32035	DESIGN OF MACHINE MEMBERS_II	15	0	0
10BJ1A0329	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	14	0
10BJ1A0329	R32037	METROLOGY & INSTRUMENTATION LAB	20	35	2
10BJ1A0329	R32038	HEAT TRANSFER LAB	22	40	2
10BJ1A0330	R32031	METROLOGY	20	41	4
10BJ1A0330	R32032	ROBOTICS	21	52	4
10BJ1A0330	R32033	HEAT TRANSFER	20	44	4
10BJ1A0330	R32034	INSTRUMENTATION & CONTROL SYSTEMS	20	44	4
10BJ1A0330	R32035	DESIGN OF MACHINE MEMBERS_II	19	54	4
10BJ1A0330	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	56	4
10BJ1A0330	R32037	METROLOGY & INSTRUMENTATION LAB	25	50	2
10BJ1A0330	R32038	HEAT TRANSFER LAB	25	50	2
10BJ1A0331	R32031	METROLOGY	18	66	4
10BJ1A0331	R32032	ROBOTICS	17	14	0
10BJ1A0331	R32033	HEAT TRANSFER	16	14	0
10BJ1A0331	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	49	4
10BJ1A0331	R32035	DESIGN OF MACHINE MEMBERS_II	15	33	4
10BJ1A0331	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	26	4
10BJ1A0331	R32037	METROLOGY & INSTRUMENTATION LAB	21	36	2
10BJ1A0331	R32038	HEAT TRANSFER LAB	23	45	2
10BJ1A0332	R32031	METROLOGY	17	36	4
10BJ1A0332	R32032	ROBOTICS	18	26	4
10BJ1A0332	R32033	HEAT TRANSFER	15	33	4
10BJ1A0332	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	36	4
10BJ1A0332	R32035	DESIGN OF MACHINE MEMBERS_II	14	17	0
10BJ1A0332	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	31	4
10BJ1A0332	R32037	METROLOGY & INSTRUMENTATION LAB	22	37	2
10BJ1A0332	R32038	HEAT TRANSFER LAB	23	36	2
10BJ1A0333	R32031	METROLOGY	14	26	4
10BJ1A0333	R32032	ROBOTICS	16	16	0
10BJ1A0333	R32033	HEAT TRANSFER	13	0	0
10BJ1A0333	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	34	4
10BJ1A0333	R32035	DESIGN OF MACHINE MEMBERS_II	15	18	0
10BJ1A0333	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	7	0
10BJ1A0333	R32037	METROLOGY & INSTRUMENTATION LAB	22	36	2
10BJ1A0333	R32038	HEAT TRANSFER LAB	24	39	2
10BJ1A0334	R32031	METROLOGY	19	41	4
10BJ1A0334	R32032	ROBOTICS	23	52	4
10BJ1A0334	R32033	HEAT TRANSFER	19	40	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0334	R32034	INSTRUMENTATION & CONTROL SYSTEMS	21	33	4
10BJ1A0334	R32035	DESIGN OF MACHINE MEMBERS_II	23	54	4
10BJ1A0334	R32036	INDUSTRIAL ENGG. & MANAGEMENT	21	56	4
10BJ1A0334	R32037	METROLOGY & INSTRUMENTATION LAB	25	42	2
10BJ1A0334	R32038	HEAT TRANSFER LAB	25	44	2
10BJ1A0335	R32031	METROLOGY	12	40	4
10BJ1A0335	R32032	ROBOTICS	19	16	0
10BJ1A0335	R32033	HEAT TRANSFER	14	7	0
10BJ1A0335	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	39	4
10BJ1A0335	R32035	DESIGN OF MACHINE MEMBERS_II	19	15	0
10BJ1A0335	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	13	0
10BJ1A0335	R32037	METROLOGY & INSTRUMENTATION LAB	20	38	2
10BJ1A0335	R32038	HEAT TRANSFER LAB	23	44	2
10BJ1A0336	R32031	METROLOGY	19	26	4
10BJ1A0336	R32032	ROBOTICS	23	26	4
10BJ1A0336	R32033	HEAT TRANSFER	19	32	4
10BJ1A0336	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	36	4
10BJ1A0336	R32035	DESIGN OF MACHINE MEMBERS_II	21	45	4
10BJ1A0336	R32036	INDUSTRIAL ENGG. & MANAGEMENT	21	35	4
10BJ1A0336	R32037	METROLOGY & INSTRUMENTATION LAB	24	42	2
10BJ1A0336	R32038	HEAT TRANSFER LAB	25	49	2
10BJ1A0337	R32031	METROLOGY	15	26	4
10BJ1A0337	R32032	ROBOTICS	16	13	0
10BJ1A0337	R32033	HEAT TRANSFER	13	1	0
10BJ1A0337	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	31	4
10BJ1A0337	R32035	DESIGN OF MACHINE MEMBERS_II	16	11	0
10BJ1A0337	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	5	0
10BJ1A0337	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
10BJ1A0337	R32038	HEAT TRANSFER LAB	23	41	2
10BJ1A0338	R32031	METROLOGY	17	40	4
10BJ1A0338	R32032	ROBOTICS	18	33	4
10BJ1A0338	R32033	HEAT TRANSFER	13	37	4
10BJ1A0338	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	28	4
10BJ1A0338	R32035	DESIGN OF MACHINE MEMBERS_II	16	34	4
10BJ1A0338	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	42	4
10BJ1A0338	R32037	METROLOGY & INSTRUMENTATION LAB	21	38	2
10BJ1A0338	R32038	HEAT TRANSFER LAB	23	41	2
10BJ1A0339	R32031	METROLOGY	20	64	4
10BJ1A0339	R32032	ROBOTICS	21	36	4
10BJ1A0339	R32033	HEAT TRANSFER	21	35	4
10BJ1A0339	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	71	4
10BJ1A0339	R32035	DESIGN OF MACHINE MEMBERS_II	19	48	4
10BJ1A0339	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	36	4
10BJ1A0339	R32037	METROLOGY & INSTRUMENTATION LAB	25	50	2
10BJ1A0339	R32038	HEAT TRANSFER LAB	25	50	2
10BJ1A0340	R32031	METROLOGY	20	29	4
10BJ1A0340	R32032	ROBOTICS	20	35	4
10BJ1A0340	R32033	HEAT TRANSFER	15	36	4
10BJ1A0340	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	31	4
10BJ1A0340	R32035	DESIGN OF MACHINE MEMBERS_II	19	35	4
10BJ1A0340	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	32	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0340	R32037	METROLOGY & INSTRUMENTATION LAB	22	46	2
10BJ1A0340	R32038	HEAT TRANSFER LAB	23	43	2
10BJ1A0341	R32031	METROLOGY	17	49	4
10BJ1A0341	R32032	ROBOTICS	17	16	0
10BJ1A0341	R32033	HEAT TRANSFER	16	6	0
10BJ1A0341	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	58	4
10BJ1A0341	R32035	DESIGN OF MACHINE MEMBERS_II	22	41	4
10BJ1A0341	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	35	4
10BJ1A0341	R32037	METROLOGY & INSTRUMENTATION LAB	22	46	2
10BJ1A0341	R32038	HEAT TRANSFER LAB	22	45	2
10BJ1A0342	R32031	METROLOGY	14	13	0
10BJ1A0342	R32032	ROBOTICS	18	26	4
10BJ1A0342	R32033	HEAT TRANSFER	13	27	4
10BJ1A0342	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	42	4
10BJ1A0342	R32035	DESIGN OF MACHINE MEMBERS_II	12	6	0
10BJ1A0342	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	36	4
10BJ1A0342	R32037	METROLOGY & INSTRUMENTATION LAB	20	36	2
10BJ1A0342	R32038	HEAT TRANSFER LAB	23	35	2
10BJ1A0343	R32031	METROLOGY	19	55	4
10BJ1A0343	R32032	ROBOTICS	21	30	4
10BJ1A0343	R32033	HEAT TRANSFER	18	8	0
10BJ1A0343	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	59	4
10BJ1A0343	R32035	DESIGN OF MACHINE MEMBERS_II	20	39	4
10BJ1A0343	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	48	4
10BJ1A0343	R32037	METROLOGY & INSTRUMENTATION LAB	23	46	2
10BJ1A0343	R32038	HEAT TRANSFER LAB	23	44	2
10BJ1A0344	R32031	METROLOGY	11	42	4
10BJ1A0344	R32032	ROBOTICS	20	46	4
10BJ1A0344	R32033	HEAT TRANSFER	14	33	4
10BJ1A0344	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	44	4
10BJ1A0344	R32035	DESIGN OF MACHINE MEMBERS_II	15	30	4
10BJ1A0344	R32036	INDUSTRIAL ENGG. & MANAGEMENT	17	34	4
10BJ1A0344	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
10BJ1A0344	R32038	HEAT TRANSFER LAB	22	37	2
10BJ1A0345	R32031	METROLOGY	16	26	4
10BJ1A0345	R32032	ROBOTICS	17	15	0
10BJ1A0345	R32033	HEAT TRANSFER	12	0	0
10BJ1A0345	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	27	4
10BJ1A0345	R32035	DESIGN OF MACHINE MEMBERS_II	14	26	4
10BJ1A0345	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	33	4
10BJ1A0345	R32037	METROLOGY & INSTRUMENTATION LAB	20	38	2
10BJ1A0345	R32038	HEAT TRANSFER LAB	24	38	2
10BJ1A0346	R32031	METROLOGY	19	9	0
10BJ1A0346	R32032	ROBOTICS	21	36	4
10BJ1A0346	R32033	HEAT TRANSFER	19	51	4
10BJ1A0346	R32034	INSTRUMENTATION & CONTROL SYSTEMS	22	58	4
10BJ1A0346	R32035	DESIGN OF MACHINE MEMBERS_II	21	42	4
10BJ1A0346	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	75	4
10BJ1A0346	R32037	METROLOGY & INSTRUMENTATION LAB	21	41	2
10BJ1A0346	R32038	HEAT TRANSFER LAB	23	43	2
10BJ1A0347	R32031	METROLOGY	19	61	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0347	R32032	ROBOTICS	17	28	4
10BJ1A0347	R32033	HEAT TRANSFER	16	11	0
10BJ1A0347	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	68	4
10BJ1A0347	R32035	DESIGN OF MACHINE MEMBERS_II	18	26	4
10BJ1A0347	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	47	4
10BJ1A0347	R32037	METROLOGY & INSTRUMENTATION LAB	20	40	2
10BJ1A0347	R32038	HEAT TRANSFER LAB	23	49	2
10BJ1A0348	R32031	METROLOGY	17	40	4
10BJ1A0348	R32032	ROBOTICS	17	36	4
10BJ1A0348	R32033	HEAT TRANSFER	11	29	4
10BJ1A0348	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	31	4
10BJ1A0348	R32035	DESIGN OF MACHINE MEMBERS_II	18	27	4
10BJ1A0348	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	32	4
10BJ1A0348	R32037	METROLOGY & INSTRUMENTATION LAB	22	42	2
10BJ1A0348	R32038	HEAT TRANSFER LAB	22	43	2
10BJ1A0349	R32031	METROLOGY	18	48	4
10BJ1A0349	R32032	ROBOTICS	15	26	4
10BJ1A0349	R32033	HEAT TRANSFER	21	15	0
10BJ1A0349	R32034	INSTRUMENTATION & CONTROL SYSTEMS	20	54	4
10BJ1A0349	R32035	DESIGN OF MACHINE MEMBERS_II	18	60	4
10BJ1A0349	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	39	4
10BJ1A0349	R32037	METROLOGY & INSTRUMENTATION LAB	25	48	2
10BJ1A0349	R32038	HEAT TRANSFER LAB	24	48	2
10BJ1A0350	R32031	METROLOGY	16	26	4
10BJ1A0350	R32032	ROBOTICS	18	44	4
10BJ1A0350	R32033	HEAT TRANSFER	15	19	0
10BJ1A0350	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	36	4
10BJ1A0350	R32035	DESIGN OF MACHINE MEMBERS_II	17	46	4
10BJ1A0350	R32036	INDUSTRIAL ENGG. & MANAGEMENT	20	40	4
10BJ1A0350	R32037	METROLOGY & INSTRUMENTATION LAB	22	40	2
10BJ1A0350	R32038	HEAT TRANSFER LAB	23	40	2
10BJ1A0403	R32026	MANAGEMENT SCIENCE	18	49	4
10BJ1A0403	R32041	COMPUTER NETWORKS	22	37	4
10BJ1A0403	R32042	MICROWAVE ENGINEERING	20	66	4
10BJ1A0403	R32043	DIGITAL SIGNAL PROCESSING	24	34	4
10BJ1A0403	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	52	4
10BJ1A0403	R32045	VLSI DESIGN	20	32	4
10BJ1A0403	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0403	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2
10BJ1A0404	R32026	MANAGEMENT SCIENCE	19	40	4
10BJ1A0404	R32041	COMPUTER NETWORKS	21	34	4
10BJ1A0404	R32042	MICROWAVE ENGINEERING	21	66	4
10BJ1A0404	R32043	DIGITAL SIGNAL PROCESSING	22	39	4
10BJ1A0404	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	42	4
10BJ1A0404	R32045	VLSI DESIGN	19	17	0
10BJ1A0404	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	50	2
10BJ1A0404	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0405	R32026	MANAGEMENT SCIENCE	20	53	4
10BJ1A0405	R32041	COMPUTER NETWORKS	17	33	4
10BJ1A0405	R32042	MICROWAVE ENGINEERING	22	51	4
10BJ1A0405	R32043	DIGITAL SIGNAL PROCESSING	22	36	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0405	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	29	4
10BJ1A0405	R32045	VLSI DESIGN	17	27	4
10BJ1A0405	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
10BJ1A0405	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	45	2
10BJ1A0406	R32026	MANAGEMENT SCIENCE	18	32	4
10BJ1A0406	R32041	COMPUTER NETWORKS	21	37	4
10BJ1A0406	R32042	MICROWAVE ENGINEERING	19	11	0
10BJ1A0406	R32043	DIGITAL SIGNAL PROCESSING	16	5	0
10BJ1A0406	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	0	0
10BJ1A0406	R32045	VLSI DESIGN	16	26	4
10BJ1A0406	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
10BJ1A0406	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	18	42	2
10BJ1A0407	R32026	MANAGEMENT SCIENCE	18	50	4
10BJ1A0407	R32041	COMPUTER NETWORKS	20	43	4
10BJ1A0407	R32042	MICROWAVE ENGINEERING	21	68	4
10BJ1A0407	R32043	DIGITAL SIGNAL PROCESSING	21	44	4
10BJ1A0407	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	35	4
10BJ1A0407	R32045	VLSI DESIGN	18	31	4
10BJ1A0407	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0407	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	49	2
10BJ1A0408	R32026	MANAGEMENT SCIENCE	17	37	4
10BJ1A0408	R32041	COMPUTER NETWORKS	19	37	4
10BJ1A0408	R32042	MICROWAVE ENGINEERING	19	61	4
10BJ1A0408	R32043	DIGITAL SIGNAL PROCESSING	20	41	4
10BJ1A0408	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	39	4
10BJ1A0408	R32045	VLSI DESIGN	16	34	4
10BJ1A0408	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0408	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	42	2
10BJ1A0409	R32026	MANAGEMENT SCIENCE	18	26	4
10BJ1A0409	R32041	COMPUTER NETWORKS	16	30	4
10BJ1A0409	R32042	MICROWAVE ENGINEERING	20	45	4
10BJ1A0409	R32043	DIGITAL SIGNAL PROCESSING	20	8	0
10BJ1A0409	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	19	0
10BJ1A0409	R32045	VLSI DESIGN	18	11	0
10BJ1A0409	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0409	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0410	R32026	MANAGEMENT SCIENCE	19	38	4
10BJ1A0410	R32041	COMPUTER NETWORKS	22	48	4
10BJ1A0410	R32042	MICROWAVE ENGINEERING	22	47	4
10BJ1A0410	R32043	DIGITAL SIGNAL PROCESSING	24	26	4
10BJ1A0410	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	49	4
10BJ1A0410	R32045	VLSI DESIGN	19	33	4
10BJ1A0410	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0410	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	49	2
10BJ1A0411	R32026	MANAGEMENT SCIENCE	18	37	4
10BJ1A0411	R32041	COMPUTER NETWORKS	21	40	4
10BJ1A0411	R32042	MICROWAVE ENGINEERING	19	12	0
10BJ1A0411	R32043	DIGITAL SIGNAL PROCESSING	20	39	4
10BJ1A0411	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	29	4
10BJ1A0411	R32045	VLSI DESIGN	17	8	0
10BJ1A0411	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0411	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	44	2
10BJ1A0412	R32026	MANAGEMENT SCIENCE	17	40	4
10BJ1A0412	R32041	COMPUTER NETWORKS	18	28	4
10BJ1A0412	R32042	MICROWAVE ENGINEERING	20	27	4
10BJ1A0412	R32043	DIGITAL SIGNAL PROCESSING	15	46	4
10BJ1A0412	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	40	4
10BJ1A0412	R32045	VLSI DESIGN	17	26	4
10BJ1A0412	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
10BJ1A0412	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0413	R32026	MANAGEMENT SCIENCE	19	50	4
10BJ1A0413	R32041	COMPUTER NETWORKS	19	46	4
10BJ1A0413	R32042	MICROWAVE ENGINEERING	19	65	4
10BJ1A0413	R32043	DIGITAL SIGNAL PROCESSING	18	37	4
10BJ1A0413	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	33	4
10BJ1A0413	R32045	VLSI DESIGN	22	33	4
10BJ1A0413	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
10BJ1A0413	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2
10BJ1A0414	R32026	MANAGEMENT SCIENCE	17	38	4
10BJ1A0414	R32041	COMPUTER NETWORKS	19	48	4
10BJ1A0414	R32042	MICROWAVE ENGINEERING	18	37	4
10BJ1A0414	R32043	DIGITAL SIGNAL PROCESSING	14	29	4
10BJ1A0414	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	6	0
10BJ1A0414	R32045	VLSI DESIGN	16	42	4
10BJ1A0414	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0414	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0415	R32026	MANAGEMENT SCIENCE	18	35	4
10BJ1A0415	R32041	COMPUTER NETWORKS	20	52	4
10BJ1A0415	R32042	MICROWAVE ENGINEERING	20	32	4
10BJ1A0415	R32043	DIGITAL SIGNAL PROCESSING	17	41	4
10BJ1A0415	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	28	4
10BJ1A0415	R32045	VLSI DESIGN	16	14	0
10BJ1A0415	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
10BJ1A0415	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0416	R32026	MANAGEMENT SCIENCE	18	40	4
10BJ1A0416	R32041	COMPUTER NETWORKS	20	46	4
10BJ1A0416	R32042	MICROWAVE ENGINEERING	22	59	4
10BJ1A0416	R32043	DIGITAL SIGNAL PROCESSING	20	40	4
10BJ1A0416	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	74	4
10BJ1A0416	R32045	VLSI DESIGN	20	39	4
10BJ1A0416	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0416	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	48	2
10BJ1A0418	R32026	MANAGEMENT SCIENCE	16	32	4
10BJ1A0418	R32041	COMPUTER NETWORKS	19	31	4
10BJ1A0418	R32042	MICROWAVE ENGINEERING	15	33	4
10BJ1A0418	R32043	DIGITAL SIGNAL PROCESSING	15	12	0
10BJ1A0418	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	29	4
10BJ1A0418	R32045	VLSI DESIGN	18	26	4
10BJ1A0418	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0418	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0419	R32026	MANAGEMENT SCIENCE	16	32	4
10BJ1A0419	R32041	COMPUTER NETWORKS	21	35	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0419	R32042	MICROWAVE ENGINEERING	21	26	4
10BJ1A0419	R32043	DIGITAL SIGNAL PROCESSING	18	12	0
10BJ1A0419	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	32	4
10BJ1A0419	R32045	VLSI DESIGN	19	36	4
10BJ1A0419	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
10BJ1A0419	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0420	R32026	MANAGEMENT SCIENCE	14	8	0
10BJ1A0420	R32041	COMPUTER NETWORKS	19	29	4
10BJ1A0420	R32042	MICROWAVE ENGINEERING	13	5	0
10BJ1A0420	R32043	DIGITAL SIGNAL PROCESSING	12	8	0
10BJ1A0420	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	7	0
10BJ1A0420	R32045	VLSI DESIGN	15	0	0
10BJ1A0420	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
10BJ1A0420	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	42	2
10BJ1A0421	R32026	MANAGEMENT SCIENCE	17	27	4
10BJ1A0421	R32041	COMPUTER NETWORKS	12	11	0
10BJ1A0421	R32042	MICROWAVE ENGINEERING	11	11	0
10BJ1A0421	R32043	DIGITAL SIGNAL PROCESSING	15	15	0
10BJ1A0421	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	11	0
10BJ1A0421	R32045	VLSI DESIGN	16	7	0
10BJ1A0421	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
10BJ1A0421	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	42	2
10BJ1A0422	R32026	MANAGEMENT SCIENCE	16	31	4
10BJ1A0422	R32041	COMPUTER NETWORKS	20	29	4
10BJ1A0422	R32042	MICROWAVE ENGINEERING	11	32	4
10BJ1A0422	R32043	DIGITAL SIGNAL PROCESSING	9	3	0
10BJ1A0422	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	33	4
10BJ1A0422	R32045	VLSI DESIGN	12	14	0
10BJ1A0422	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
10BJ1A0422	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0423	R32026	MANAGEMENT SCIENCE	16	36	4
10BJ1A0423	R32041	COMPUTER NETWORKS	20	42	4
10BJ1A0423	R32042	MICROWAVE ENGINEERING	10	30	4
10BJ1A0423	R32043	DIGITAL SIGNAL PROCESSING	12	9	0
10BJ1A0423	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	15	0
10BJ1A0423	R32045	VLSI DESIGN	16	33	4
10BJ1A0423	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0423	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0424	R32026	MANAGEMENT SCIENCE	18	31	4
10BJ1A0424	R32041	COMPUTER NETWORKS	17	31	4
10BJ1A0424	R32042	MICROWAVE ENGINEERING	17	12	0
10BJ1A0424	R32043	DIGITAL SIGNAL PROCESSING	19	33	4
10BJ1A0424	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	26	4
10BJ1A0424	R32045	VLSI DESIGN	18	32	4
10BJ1A0424	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0424	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0425	R32026	MANAGEMENT SCIENCE	17	39	4
10BJ1A0425	R32041	COMPUTER NETWORKS	20	33	4
10BJ1A0425	R32042	MICROWAVE ENGINEERING	17	41	4
10BJ1A0425	R32043	DIGITAL SIGNAL PROCESSING	17	60	4
10BJ1A0425	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0425	R32045	VLSI DESIGN	19	30	4
10BJ1A0425	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
10BJ1A0425	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	50	2
10BJ1A0426	R32026	MANAGEMENT SCIENCE	18	60	4
10BJ1A0426	R32041	COMPUTER NETWORKS	19	42	4
10BJ1A0426	R32042	MICROWAVE ENGINEERING	20	55	4
10BJ1A0426	R32043	DIGITAL SIGNAL PROCESSING	19	32	4
10BJ1A0426	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	19	50	4
10BJ1A0426	R32045	VLSI DESIGN	21	49	4
10BJ1A0426	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0426	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0427	R32026	MANAGEMENT SCIENCE	16	40	4
10BJ1A0427	R32041	COMPUTER NETWORKS	16	35	4
10BJ1A0427	R32042	MICROWAVE ENGINEERING	13	7	0
10BJ1A0427	R32043	DIGITAL SIGNAL PROCESSING	17	12	0
10BJ1A0427	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	14	4	0
10BJ1A0427	R32045	VLSI DESIGN	19	26	4
10BJ1A0427	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
10BJ1A0427	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	44	2
10BJ1A0428	R32026	MANAGEMENT SCIENCE	17	51	4
10BJ1A0428	R32041	COMPUTER NETWORKS	20	44	4
10BJ1A0428	R32042	MICROWAVE ENGINEERING	18	33	4
10BJ1A0428	R32043	DIGITAL SIGNAL PROCESSING	16	29	4
10BJ1A0428	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	18	14	0
10BJ1A0428	R32045	VLSI DESIGN	19	15	0
10BJ1A0428	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
10BJ1A0428	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	46	2
10BJ1A0429	R32026	MANAGEMENT SCIENCE	14	45	4
10BJ1A0429	R32041	COMPUTER NETWORKS	18	42	4
10BJ1A0429	R32042	MICROWAVE ENGINEERING	18	43	4
10BJ1A0429	R32043	DIGITAL SIGNAL PROCESSING	19	42	4
10BJ1A0429	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	15	26	4
10BJ1A0429	R32045	VLSI DESIGN	16	38	4
10BJ1A0429	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0429	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0430	R32026	MANAGEMENT SCIENCE	14	12	0
10BJ1A0430	R32041	COMPUTER NETWORKS	18	29	4
10BJ1A0430	R32042	MICROWAVE ENGINEERING	13	14	0
10BJ1A0430	R32043	DIGITAL SIGNAL PROCESSING	14	6	0
10BJ1A0430	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	13	8	0
10BJ1A0430	R32045	VLSI DESIGN	16	7	0
10BJ1A0430	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
10BJ1A0430	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	42	2
10BJ1A0431	R32026	MANAGEMENT SCIENCE	17	38	4
10BJ1A0431	R32041	COMPUTER NETWORKS	21	46	4
10BJ1A0431	R32042	MICROWAVE ENGINEERING	23	41	4
10BJ1A0431	R32043	DIGITAL SIGNAL PROCESSING	17	29	4
10BJ1A0431	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	20	15	0
10BJ1A0431	R32045	VLSI DESIGN	21	43	4
10BJ1A0431	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
10BJ1A0431	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0432	R32026	MANAGEMENT SCIENCE	20	33	4
10BJ1A0432	R32041	COMPUTER NETWORKS	18	32	4
10BJ1A0432	R32042	MICROWAVE ENGINEERING	20	2	0
10BJ1A0432	R32043	DIGITAL SIGNAL PROCESSING	15	27	4
10BJ1A0432	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	7	0
10BJ1A0432	R32045	VLSI DESIGN	19	26	4
10BJ1A0432	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
10BJ1A0432	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	46	2
10BJ1A0433	R32026	MANAGEMENT SCIENCE	19	47	4
10BJ1A0433	R32041	COMPUTER NETWORKS	20	31	4
10BJ1A0433	R32042	MICROWAVE ENGINEERING	19	53	4
10BJ1A0433	R32043	DIGITAL SIGNAL PROCESSING	17	51	4
10BJ1A0433	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	39	4
10BJ1A0433	R32045	VLSI DESIGN	19	38	4
10BJ1A0433	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
10BJ1A0433	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	48	2
10BJ1A0434	R32026	MANAGEMENT SCIENCE	4	45	4
10BJ1A0434	R32041	COMPUTER NETWORKS	19	33	4
10BJ1A0434	R32042	MICROWAVE ENGINEERING	21	33	4
10BJ1A0434	R32043	DIGITAL SIGNAL PROCESSING	12	29	4
10BJ1A0434	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	40	4
10BJ1A0434	R32045	VLSI DESIGN	17	37	4
10BJ1A0434	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
10BJ1A0434	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0435	R32026	MANAGEMENT SCIENCE	7	28	0
10BJ1A0435	R32041	COMPUTER NETWORKS	9	9	0
10BJ1A0435	R32042	MICROWAVE ENGINEERING	9	4	0
10BJ1A0435	R32043	DIGITAL SIGNAL PROCESSING	4	3	0
10BJ1A0435	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	7	5	0
10BJ1A0435	R32045	VLSI DESIGN	10	3	0
10BJ1A0435	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	10	0
10BJ1A0435	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	13	10	0
10BJ1A0436	R32026	MANAGEMENT SCIENCE	15	-1	0
10BJ1A0436	R32041	COMPUTER NETWORKS	7	2	0
10BJ1A0436	R32042	MICROWAVE ENGINEERING	9	0	0
10BJ1A0436	R32043	DIGITAL SIGNAL PROCESSING	10	5	0
10BJ1A0436	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	0	0
10BJ1A0436	R32045	VLSI DESIGN	8	7	0
10BJ1A0436	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	10	0
10BJ1A0436	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	13	10	0
10BJ1A0437	R32026	MANAGEMENT SCIENCE	16	40	4
10BJ1A0437	R32041	COMPUTER NETWORKS	15	11	0
10BJ1A0437	R32042	MICROWAVE ENGINEERING	15	3	0
10BJ1A0437	R32043	DIGITAL SIGNAL PROCESSING	16	28	4
10BJ1A0437	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	12	0
10BJ1A0437	R32045	VLSI DESIGN	10	15	0
10BJ1A0437	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0437	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	13	44	2
10BJ1A0438	R32026	MANAGEMENT SCIENCE	18	37	4
10BJ1A0438	R32041	COMPUTER NETWORKS	19	36	4
10BJ1A0438	R32042	MICROWAVE ENGINEERING	16	54	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0438	R32043	DIGITAL SIGNAL PROCESSING	16	10	0
10BJ1A0438	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	27	4
10BJ1A0438	R32045	VLSI DESIGN	15	32	4
10BJ1A0438	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0438	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0439	R32026	MANAGEMENT SCIENCE	3	-1	0
10BJ1A0439	R32041	COMPUTER NETWORKS	3	-1	0
10BJ1A0439	R32042	MICROWAVE ENGINEERING	4	-1	0
10BJ1A0439	R32043	DIGITAL SIGNAL PROCESSING	3	-1	0
10BJ1A0439	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	3	-1	0
10BJ1A0439	R32045	VLSI DESIGN	3	-1	0
10BJ1A0439	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	-1	0
10BJ1A0439	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	13	-1	0
10BJ1A0440	R32026	MANAGEMENT SCIENCE	16	36	4
10BJ1A0440	R32041	COMPUTER NETWORKS	19	35	4
10BJ1A0440	R32042	MICROWAVE ENGINEERING	17	11	0
10BJ1A0440	R32043	DIGITAL SIGNAL PROCESSING	17	30	4
10BJ1A0440	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	12	0
10BJ1A0440	R32045	VLSI DESIGN	19	26	4
10BJ1A0440	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
10BJ1A0440	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	43	2
10BJ1A0441	R32026	MANAGEMENT SCIENCE	16	26	4
10BJ1A0441	R32041	COMPUTER NETWORKS	15	12	0
10BJ1A0441	R32042	MICROWAVE ENGINEERING	11	10	0
10BJ1A0441	R32043	DIGITAL SIGNAL PROCESSING	11	34	4
10BJ1A0441	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	16	0
10BJ1A0441	R32045	VLSI DESIGN	11	29	4
10BJ1A0441	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
10BJ1A0441	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	42	2
10BJ1A0443	R32026	MANAGEMENT SCIENCE	17	33	4
10BJ1A0443	R32041	COMPUTER NETWORKS	12	29	4
10BJ1A0443	R32042	MICROWAVE ENGINEERING	15	31	4
10BJ1A0443	R32043	DIGITAL SIGNAL PROCESSING	19	16	0
10BJ1A0443	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	4	18	0
10BJ1A0443	R32045	VLSI DESIGN	13	13	0
10BJ1A0443	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	10	0
10BJ1A0443	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	14	10	0
10BJ1A0444	R32026	MANAGEMENT SCIENCE	15	37	4
10BJ1A0444	R32041	COMPUTER NETWORKS	18	12	0
10BJ1A0444	R32042	MICROWAVE ENGINEERING	15	26	4
10BJ1A0444	R32043	DIGITAL SIGNAL PROCESSING	14	10	0
10BJ1A0444	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	2	0
10BJ1A0444	R32045	VLSI DESIGN	17	32	4
10BJ1A0444	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0444	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	44	2
10BJ1A0445	R32026	MANAGEMENT SCIENCE	19	35	4
10BJ1A0445	R32041	COMPUTER NETWORKS	21	35	4
10BJ1A0445	R32042	MICROWAVE ENGINEERING	18	6	0
10BJ1A0445	R32043	DIGITAL SIGNAL PROCESSING	16	26	4
10BJ1A0445	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	12	28	4
10BJ1A0445	R32045	VLSI DESIGN	19	29	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0445	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
10BJ1A0445	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	42	2
10BJ1A0446	R32026	MANAGEMENT SCIENCE	19	50	4
10BJ1A0446	R32041	COMPUTER NETWORKS	17	39	4
10BJ1A0446	R32042	MICROWAVE ENGINEERING	21	52	4
10BJ1A0446	R32043	DIGITAL SIGNAL PROCESSING	19	50	4
10BJ1A0446	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	60	4
10BJ1A0446	R32045	VLSI DESIGN	18	36	4
10BJ1A0446	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
10BJ1A0446	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0447	R32026	MANAGEMENT SCIENCE	19	50	4
10BJ1A0447	R32041	COMPUTER NETWORKS	22	34	4
10BJ1A0447	R32042	MICROWAVE ENGINEERING	18	36	4
10BJ1A0447	R32043	DIGITAL SIGNAL PROCESSING	18	40	4
10BJ1A0447	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	29	4
10BJ1A0447	R32045	VLSI DESIGN	19	32	4
10BJ1A0447	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0447	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	15	44	2
10BJ1A0448	R32026	MANAGEMENT SCIENCE	17	37	4
10BJ1A0448	R32041	COMPUTER NETWORKS	15	13	0
10BJ1A0448	R32042	MICROWAVE ENGINEERING	9	9	0
10BJ1A0448	R32043	DIGITAL SIGNAL PROCESSING	13	9	0
10BJ1A0448	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	11	0
10BJ1A0448	R32045	VLSI DESIGN	11	29	4
10BJ1A0448	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
10BJ1A0448	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	45	2
10BJ1A0449	R32026	MANAGEMENT SCIENCE	5	6	0
10BJ1A0449	R32041	COMPUTER NETWORKS	14	30	4
10BJ1A0449	R32042	MICROWAVE ENGINEERING	10	4	0
10BJ1A0449	R32043	DIGITAL SIGNAL PROCESSING	18	11	0
10BJ1A0449	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	1	0
10BJ1A0449	R32045	VLSI DESIGN	5	11	0
10BJ1A0449	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	10	0
10BJ1A0449	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	14	10	0
10BJ1A0450	R32026	MANAGEMENT SCIENCE	19	29	4
10BJ1A0450	R32041	COMPUTER NETWORKS	17	31	4
10BJ1A0450	R32042	MICROWAVE ENGINEERING	18	27	4
10BJ1A0450	R32043	DIGITAL SIGNAL PROCESSING	10	32	4
10BJ1A0450	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	14	0
10BJ1A0450	R32045	VLSI DESIGN	19	26	4
10BJ1A0450	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
10BJ1A0450	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	45	2
10BJ1A0451	R32026	MANAGEMENT SCIENCE	16	26	4
10BJ1A0451	R32041	COMPUTER NETWORKS	22	18	0
10BJ1A0451	R32042	MICROWAVE ENGINEERING	13	32	4
10BJ1A0451	R32043	DIGITAL SIGNAL PROCESSING	12	16	0
10BJ1A0451	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	13	16	0
10BJ1A0451	R32045	VLSI DESIGN	17	15	0
10BJ1A0451	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0451	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0452	R32026	MANAGEMENT SCIENCE	18	30	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0452	R32041	COMPUTER NETWORKS	20	13	0
10BJ1A0452	R32042	MICROWAVE ENGINEERING	20	-1	0
10BJ1A0452	R32043	DIGITAL SIGNAL PROCESSING	14	4	0
10BJ1A0452	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	2	0
10BJ1A0452	R32045	VLSI DESIGN	20	4	0
10BJ1A0452	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
10BJ1A0452	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0453	R32026	MANAGEMENT SCIENCE	17	33	4
10BJ1A0453	R32041	COMPUTER NETWORKS	20	42	4
10BJ1A0453	R32042	MICROWAVE ENGINEERING	20	10	0
10BJ1A0453	R32043	DIGITAL SIGNAL PROCESSING	15	33	4
10BJ1A0453	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	29	4
10BJ1A0453	R32045	VLSI DESIGN	18	31	4
10BJ1A0453	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
10BJ1A0453	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	43	2
10BJ1A0454	R32026	MANAGEMENT SCIENCE	16	46	4
10BJ1A0454	R32041	COMPUTER NETWORKS	18	29	4
10BJ1A0454	R32042	MICROWAVE ENGINEERING	16	43	4
10BJ1A0454	R32043	DIGITAL SIGNAL PROCESSING	16	43	4
10BJ1A0454	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	39	4
10BJ1A0454	R32045	VLSI DESIGN	19	26	4
10BJ1A0454	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0454	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	44	2
10BJ1A0455	R32026	MANAGEMENT SCIENCE	18	42	4
10BJ1A0455	R32041	COMPUTER NETWORKS	18	36	4
10BJ1A0455	R32042	MICROWAVE ENGINEERING	20	40	4
10BJ1A0455	R32043	DIGITAL SIGNAL PROCESSING	16	5	0
10BJ1A0455	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	30	4
10BJ1A0455	R32045	VLSI DESIGN	17	32	4
10BJ1A0455	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
10BJ1A0455	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0461	R32026	MANAGEMENT SCIENCE	17	40	4
10BJ1A0461	R32041	COMPUTER NETWORKS	21	44	4
10BJ1A0461	R32042	MICROWAVE ENGINEERING	21	46	4
10BJ1A0461	R32043	DIGITAL SIGNAL PROCESSING	19	39	4
10BJ1A0461	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	34	4
10BJ1A0461	R32045	VLSI DESIGN	18	40	4
10BJ1A0461	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
10BJ1A0461	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2
10BJ1A0463	R32026	MANAGEMENT SCIENCE	18	51	4
10BJ1A0463	R32041	COMPUTER NETWORKS	22	52	4
10BJ1A0463	R32042	MICROWAVE ENGINEERING	22	59	4
10BJ1A0463	R32043	DIGITAL SIGNAL PROCESSING	20	45	4
10BJ1A0463	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	38	4
10BJ1A0463	R32045	VLSI DESIGN	20	47	4
10BJ1A0463	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
10BJ1A0463	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0464	R32026	MANAGEMENT SCIENCE	18	54	4
10BJ1A0464	R32041	COMPUTER NETWORKS	20	51	4
10BJ1A0464	R32042	MICROWAVE ENGINEERING	22	75	4
10BJ1A0464	R32043	DIGITAL SIGNAL PROCESSING	23	68	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0464	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	45	4
10BJ1A0464	R32045	VLSI DESIGN	18	50	4
10BJ1A0464	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0464	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0465	R32026	MANAGEMENT SCIENCE	20	63	4
10BJ1A0465	R32041	COMPUTER NETWORKS	21	43	4
10BJ1A0465	R32042	MICROWAVE ENGINEERING	22	48	4
10BJ1A0465	R32043	DIGITAL SIGNAL PROCESSING	19	37	4
10BJ1A0465	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	45	4
10BJ1A0465	R32045	VLSI DESIGN	20	43	4
10BJ1A0465	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0465	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	49	2
10BJ1A0466	R32026	MANAGEMENT SCIENCE	18	42	4
10BJ1A0466	R32041	COMPUTER NETWORKS	21	43	4
10BJ1A0466	R32042	MICROWAVE ENGINEERING	19	51	4
10BJ1A0466	R32043	DIGITAL SIGNAL PROCESSING	18	15	0
10BJ1A0466	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	26	4
10BJ1A0466	R32045	VLSI DESIGN	18	42	4
10BJ1A0466	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
10BJ1A0466	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	45	2
10BJ1A0467	R32026	MANAGEMENT SCIENCE	19	57	4
10BJ1A0467	R32041	COMPUTER NETWORKS	20	43	4
10BJ1A0467	R32042	MICROWAVE ENGINEERING	18	39	4
10BJ1A0467	R32043	DIGITAL SIGNAL PROCESSING	20	32	4
10BJ1A0467	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	55	4
10BJ1A0467	R32045	VLSI DESIGN	18	38	4
10BJ1A0467	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
10BJ1A0467	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0468	R32026	MANAGEMENT SCIENCE	17	50	4
10BJ1A0468	R32041	COMPUTER NETWORKS	19	53	4
10BJ1A0468	R32042	MICROWAVE ENGINEERING	18	66	4
10BJ1A0468	R32043	DIGITAL SIGNAL PROCESSING	18	49	4
10BJ1A0468	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	60	4
10BJ1A0468	R32045	VLSI DESIGN	18	34	4
10BJ1A0468	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
10BJ1A0468	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	46	2
10BJ1A0469	R32026	MANAGEMENT SCIENCE	18	57	4
10BJ1A0469	R32041	COMPUTER NETWORKS	19	44	4
10BJ1A0469	R32042	MICROWAVE ENGINEERING	17	33	4
10BJ1A0469	R32043	DIGITAL SIGNAL PROCESSING	20	29	4
10BJ1A0469	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	39	4
10BJ1A0469	R32045	VLSI DESIGN	18	15	0
10BJ1A0469	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
10BJ1A0469	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	49	2
10BJ1A0470	R32026	MANAGEMENT SCIENCE	19	44	4
10BJ1A0470	R32041	COMPUTER NETWORKS	20	41	4
10BJ1A0470	R32042	MICROWAVE ENGINEERING	19	65	4
10BJ1A0470	R32043	DIGITAL SIGNAL PROCESSING	19	29	4
10BJ1A0470	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	14	0
10BJ1A0470	R32045	VLSI DESIGN	18	39	4
10BJ1A0470	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0470	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	45	2
10BJ1A0471	R32026	MANAGEMENT SCIENCE	19	52	4
10BJ1A0471	R32041	COMPUTER NETWORKS	20	39	4
10BJ1A0471	R32042	MICROWAVE ENGINEERING	17	26	4
10BJ1A0471	R32043	DIGITAL SIGNAL PROCESSING	18	29	4
10BJ1A0471	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	48	4
10BJ1A0471	R32045	VLSI DESIGN	18	26	4
10BJ1A0471	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
10BJ1A0471	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	47	2
10BJ1A0472	R32026	MANAGEMENT SCIENCE	19	53	4
10BJ1A0472	R32041	COMPUTER NETWORKS	19	39	4
10BJ1A0472	R32042	MICROWAVE ENGINEERING	16	57	4
10BJ1A0472	R32043	DIGITAL SIGNAL PROCESSING	14	57	4
10BJ1A0472	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	45	4
10BJ1A0472	R32045	VLSI DESIGN	18	47	4
10BJ1A0472	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
10BJ1A0472	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	47	2
10BJ1A0473	R32026	MANAGEMENT SCIENCE	18	52	4
10BJ1A0473	R32041	COMPUTER NETWORKS	21	39	4
10BJ1A0473	R32042	MICROWAVE ENGINEERING	20	46	4
10BJ1A0473	R32043	DIGITAL SIGNAL PROCESSING	20	39	4
10BJ1A0473	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	37	4
10BJ1A0473	R32045	VLSI DESIGN	18	43	4
10BJ1A0473	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0473	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0474	R32026	MANAGEMENT SCIENCE	16	38	4
10BJ1A0474	R32041	COMPUTER NETWORKS	20	38	4
10BJ1A0474	R32042	MICROWAVE ENGINEERING	20	54	4
10BJ1A0474	R32043	DIGITAL SIGNAL PROCESSING	16	26	4
10BJ1A0474	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	16	0
10BJ1A0474	R32045	VLSI DESIGN	19	33	4
10BJ1A0474	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
10BJ1A0474	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	46	2
10BJ1A0475	R32026	MANAGEMENT SCIENCE	19	52	4
10BJ1A0475	R32041	COMPUTER NETWORKS	21	52	4
10BJ1A0475	R32042	MICROWAVE ENGINEERING	18	39	4
10BJ1A0475	R32043	DIGITAL SIGNAL PROCESSING	18	48	4
10BJ1A0475	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	29	4
10BJ1A0475	R32045	VLSI DESIGN	21	33	4
10BJ1A0475	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A0475	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0476	R32026	MANAGEMENT SCIENCE	18	52	4
10BJ1A0476	R32041	COMPUTER NETWORKS	21	40	4
10BJ1A0476	R32042	MICROWAVE ENGINEERING	18	63	4
10BJ1A0476	R32043	DIGITAL SIGNAL PROCESSING	18	53	4
10BJ1A0476	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	75	4
10BJ1A0476	R32045	VLSI DESIGN	19	49	4
10BJ1A0476	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
10BJ1A0476	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	48	2
10BJ1A0477	R32026	MANAGEMENT SCIENCE	15	39	4
10BJ1A0477	R32041	COMPUTER NETWORKS	20	31	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0477	R32042	MICROWAVE ENGINEERING	17	36	4
10BJ1A0477	R32043	DIGITAL SIGNAL PROCESSING	16	39	4
10BJ1A0477	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	4	0
10BJ1A0477	R32045	VLSI DESIGN	15	35	4
10BJ1A0477	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0477	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	46	2
10BJ1A0478	R32026	MANAGEMENT SCIENCE	18	41	4
10BJ1A0478	R32041	COMPUTER NETWORKS	21	31	4
10BJ1A0478	R32042	MICROWAVE ENGINEERING	18	38	4
10BJ1A0478	R32043	DIGITAL SIGNAL PROCESSING	17	26	4
10BJ1A0478	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	26	4
10BJ1A0478	R32045	VLSI DESIGN	19	26	4
10BJ1A0478	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
10BJ1A0478	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	46	2
10BJ1A0479	R32026	MANAGEMENT SCIENCE	17	45	4
10BJ1A0479	R32041	COMPUTER NETWORKS	20	38	4
10BJ1A0479	R32042	MICROWAVE ENGINEERING	21	33	4
10BJ1A0479	R32043	DIGITAL SIGNAL PROCESSING	20	34	4
10BJ1A0479	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	34	4
10BJ1A0479	R32045	VLSI DESIGN	19	30	4
10BJ1A0479	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
10BJ1A0479	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	47	2
10BJ1A0480	R32026	MANAGEMENT SCIENCE	18	51	4
10BJ1A0480	R32041	COMPUTER NETWORKS	21	56	4
10BJ1A0480	R32042	MICROWAVE ENGINEERING	19	75	4
10BJ1A0480	R32043	DIGITAL SIGNAL PROCESSING	16	50	4
10BJ1A0480	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	45	4
10BJ1A0480	R32045	VLSI DESIGN	19	52	4
10BJ1A0480	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
10BJ1A0480	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	48	2
10BJ1A0481	R32026	MANAGEMENT SCIENCE	17	37	4
10BJ1A0481	R32041	COMPUTER NETWORKS	17	39	4
10BJ1A0481	R32042	MICROWAVE ENGINEERING	18	38	4
10BJ1A0481	R32043	DIGITAL SIGNAL PROCESSING	18	37	4
10BJ1A0481	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	17	0
10BJ1A0481	R32045	VLSI DESIGN	19	42	4
10BJ1A0481	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
10BJ1A0481	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	48	2
10BJ1A0482	R32026	MANAGEMENT SCIENCE	17	43	4
10BJ1A0482	R32041	COMPUTER NETWORKS	21	44	4
10BJ1A0482	R32042	MICROWAVE ENGINEERING	20	54	4
10BJ1A0482	R32043	DIGITAL SIGNAL PROCESSING	17	33	4
10BJ1A0482	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	28	4
10BJ1A0482	R32045	VLSI DESIGN	19	34	4
10BJ1A0482	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
10BJ1A0482	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0483	R32026	MANAGEMENT SCIENCE	14	40	4
10BJ1A0483	R32041	COMPUTER NETWORKS	16	55	4
10BJ1A0483	R32042	MICROWAVE ENGINEERING	20	59	4
10BJ1A0483	R32043	DIGITAL SIGNAL PROCESSING	12	53	4
10BJ1A0483	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	38	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0483	R32045	VLSI DESIGN	17	36	4
10BJ1A0483	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
10BJ1A0483	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	42	2
10BJ1A0484	R32026	MANAGEMENT SCIENCE	16	48	4
10BJ1A0484	R32041	COMPUTER NETWORKS	19	46	4
10BJ1A0484	R32042	MICROWAVE ENGINEERING	17	64	4
10BJ1A0484	R32043	DIGITAL SIGNAL PROCESSING	16	49	4
10BJ1A0484	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	16	66	4
10BJ1A0484	R32045	VLSI DESIGN	16	51	4
10BJ1A0484	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
10BJ1A0484	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	48	2
10BJ1A0485	R32026	MANAGEMENT SCIENCE	16	58	4
10BJ1A0485	R32041	COMPUTER NETWORKS	22	49	4
10BJ1A0485	R32042	MICROWAVE ENGINEERING	17	46	4
10BJ1A0485	R32043	DIGITAL SIGNAL PROCESSING	17	36	4
10BJ1A0485	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	15	28	4
10BJ1A0485	R32045	VLSI DESIGN	20	42	4
10BJ1A0485	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0485	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0486	R32026	MANAGEMENT SCIENCE	17	33	4
10BJ1A0486	R32041	COMPUTER NETWORKS	19	32	4
10BJ1A0486	R32042	MICROWAVE ENGINEERING	15	38	4
10BJ1A0486	R32043	DIGITAL SIGNAL PROCESSING	21	16	0
10BJ1A0486	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	17	10	0
10BJ1A0486	R32045	VLSI DESIGN	21	33	4
10BJ1A0486	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0486	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0487	R32026	MANAGEMENT SCIENCE	15	58	4
10BJ1A0487	R32041	COMPUTER NETWORKS	20	52	4
10BJ1A0487	R32042	MICROWAVE ENGINEERING	22	51	4
10BJ1A0487	R32043	DIGITAL SIGNAL PROCESSING	19	55	4
10BJ1A0487	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	18	35	4
10BJ1A0487	R32045	VLSI DESIGN	21	40	4
10BJ1A0487	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0487	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	21	47	2
10BJ1A0488	R32026	MANAGEMENT SCIENCE	16	47	4
10BJ1A0488	R32041	COMPUTER NETWORKS	19	34	4
10BJ1A0488	R32042	MICROWAVE ENGINEERING	13	61	4
10BJ1A0488	R32043	DIGITAL SIGNAL PROCESSING	20	37	4
10BJ1A0488	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	16	47	4
10BJ1A0488	R32045	VLSI DESIGN	18	43	4
10BJ1A0488	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
10BJ1A0488	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0489	R32026	MANAGEMENT SCIENCE	20	35	4
10BJ1A0489	R32041	COMPUTER NETWORKS	18	40	4
10BJ1A0489	R32042	MICROWAVE ENGINEERING	16	50	4
10BJ1A0489	R32043	DIGITAL SIGNAL PROCESSING	20	55	4
10BJ1A0489	R32044	MICROPROCESSORS AND MICROCONTROLLERSSS	20	34	4
10BJ1A0489	R32045	VLSI DESIGN	17	55	4
10BJ1A0489	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	50	2
10BJ1A0489	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	50	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0490	R32026	MANAGEMENT SCIENCE	19	37	4
10BJ1A0490	R32041	COMPUTER NETWORKS	22	41	4
10BJ1A0490	R32042	MICROWAVE ENGINEERING	19	39	4
10BJ1A0490	R32043	DIGITAL SIGNAL PROCESSING	15	26	4
10BJ1A0490	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	26	4
10BJ1A0490	R32045	VLSI DESIGN	16	26	4
10BJ1A0490	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
10BJ1A0490	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	20	45	2
10BJ1A0491	R32026	MANAGEMENT SCIENCE	14	45	4
10BJ1A0491	R32041	COMPUTER NETWORKS	19	49	4
10BJ1A0491	R32042	MICROWAVE ENGINEERING	18	30	4
10BJ1A0491	R32043	DIGITAL SIGNAL PROCESSING	14	47	4
10BJ1A0491	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	40	4
10BJ1A0491	R32045	VLSI DESIGN	16	43	4
10BJ1A0491	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0491	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	48	2
10BJ1A0492	R32026	MANAGEMENT SCIENCE	17	44	4
10BJ1A0492	R32041	COMPUTER NETWORKS	21	38	4
10BJ1A0492	R32042	MICROWAVE ENGINEERING	19	71	4
10BJ1A0492	R32043	DIGITAL SIGNAL PROCESSING	12	49	4
10BJ1A0492	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	60	4
10BJ1A0492	R32045	VLSI DESIGN	21	32	4
10BJ1A0492	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0492	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	47	2
10BJ1A0493	R32026	MANAGEMENT SCIENCE	17	26	4
10BJ1A0493	R32041	COMPUTER NETWORKS	18	32	4
10BJ1A0493	R32042	MICROWAVE ENGINEERING	16	35	4
10BJ1A0493	R32043	DIGITAL SIGNAL PROCESSING	13	29	4
10BJ1A0493	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	13	0
10BJ1A0493	R32045	VLSI DESIGN	20	32	4
10BJ1A0493	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
10BJ1A0493	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	19	42	2
10BJ1A0494	R32026	MANAGEMENT SCIENCE	19	50	4
10BJ1A0494	R32041	COMPUTER NETWORKS	21	44	4
10BJ1A0494	R32042	MICROWAVE ENGINEERING	22	65	4
10BJ1A0494	R32043	DIGITAL SIGNAL PROCESSING	21	37	4
10BJ1A0494	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	35	4
10BJ1A0494	R32045	VLSI DESIGN	21	40	4
10BJ1A0494	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
10BJ1A0494	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	50	2
10BJ1A0495	R32026	MANAGEMENT SCIENCE	18	38	4
10BJ1A0495	R32041	COMPUTER NETWORKS	20	44	4
10BJ1A0495	R32042	MICROWAVE ENGINEERING	22	41	4
10BJ1A0495	R32043	DIGITAL SIGNAL PROCESSING	20	46	4
10BJ1A0495	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	30	4
10BJ1A0495	R32045	VLSI DESIGN	20	39	4
10BJ1A0495	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
10BJ1A0495	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	25	50	2
10BJ1A0496	R32026	MANAGEMENT SCIENCE	17	48	4
10BJ1A0496	R32041	COMPUTER NETWORKS	21	40	4
10BJ1A0496	R32042	MICROWAVE ENGINEERING	19	59	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0496	R32043	DIGITAL SIGNAL PROCESSING	16	53	4
10BJ1A0496	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	51	4
10BJ1A0496	R32045	VLSI DESIGN	18	38	4
10BJ1A0496	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0496	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
10BJ1A0497	R32026	MANAGEMENT SCIENCE	17	39	4
10BJ1A0497	R32041	COMPUTER NETWORKS	21	32	4
10BJ1A0497	R32042	MICROWAVE ENGINEERING	20	38	4
10BJ1A0497	R32043	DIGITAL SIGNAL PROCESSING	16	32	4
10BJ1A0497	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	28	4
10BJ1A0497	R32045	VLSI DESIGN	20	35	4
10BJ1A0497	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
10BJ1A0497	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	47	2
10BJ1A0498	R32026	MANAGEMENT SCIENCE	17	36	4
10BJ1A0498	R32041	COMPUTER NETWORKS	19	38	4
10BJ1A0498	R32042	MICROWAVE ENGINEERING	14	27	4
10BJ1A0498	R32043	DIGITAL SIGNAL PROCESSING	16	26	4
10BJ1A0498	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	34	4
10BJ1A0498	R32045	VLSI DESIGN	21	37	4
10BJ1A0498	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A0498	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2
10BJ1A0499	R32026	MANAGEMENT SCIENCE	15	26	4
10BJ1A0499	R32041	COMPUTER NETWORKS	18	44	4
10BJ1A0499	R32042	MICROWAVE ENGINEERING	18	38	4
10BJ1A0499	R32043	DIGITAL SIGNAL PROCESSING	14	54	4
10BJ1A0499	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	28	4
10BJ1A0499	R32045	VLSI DESIGN	20	26	4
10BJ1A0499	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
10BJ1A0499	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	46	2
10BJ1A04A0	R32026	MANAGEMENT SCIENCE	18	52	4
10BJ1A04A0	R32041	COMPUTER NETWORKS	18	52	4
10BJ1A04A0	R32042	MICROWAVE ENGINEERING	18	60	4
10BJ1A04A0	R32043	DIGITAL SIGNAL PROCESSING	15	41	4
10BJ1A04A0	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	59	4
10BJ1A04A0	R32045	VLSI DESIGN	18	38	4
10BJ1A04A0	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
10BJ1A04A0	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	44	2
10BJ1A04A1	R32026	MANAGEMENT SCIENCE	17	31	4
10BJ1A04A1	R32041	COMPUTER NETWORKS	17	30	4
10BJ1A04A1	R32042	MICROWAVE ENGINEERING	22	27	4
10BJ1A04A1	R32043	DIGITAL SIGNAL PROCESSING	19	38	4
10BJ1A04A1	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	9	0
10BJ1A04A1	R32045	VLSI DESIGN	19	40	4
10BJ1A04A1	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A04A1	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	48	2
10BJ1A04A2	R32026	MANAGEMENT SCIENCE	18	39	4
10BJ1A04A2	R32041	COMPUTER NETWORKS	17	41	4
10BJ1A04A2	R32042	MICROWAVE ENGINEERING	16	54	4
10BJ1A04A2	R32043	DIGITAL SIGNAL PROCESSING	14	26	4
10BJ1A04A2	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	26	4
10BJ1A04A2	R32045	VLSI DESIGN	19	33	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A04A2	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
10BJ1A04A2	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	47	2
10BJ1A0501	R32026	MANAGEMENT SCIENCE	16	8	0
10BJ1A0501	R32051	ADVANCED COMPUTER NETWORKS	17	42	4
10BJ1A0501	R32052	COMPUTER ARCHITECTURE	16	44	4
10BJ1A0501	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	29	4
10BJ1A0501	R32054	UNIX PROGRAMMING	16	46	4
10BJ1A0501	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	38	4
10BJ1A0501	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0501	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	45	2
10BJ1A0502	R32026	MANAGEMENT SCIENCE	16	33	4
10BJ1A0502	R32051	ADVANCED COMPUTER NETWORKS	19	40	4
10BJ1A0502	R32052	COMPUTER ARCHITECTURE	19	49	4
10BJ1A0502	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	29	4
10BJ1A0502	R32054	UNIX PROGRAMMING	15	17	0
10BJ1A0502	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	50	4
10BJ1A0502	R32057	COMPUTER NETWORKS AND UNIX LAB	21	41	2
10BJ1A0502	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	47	2
10BJ1A0503	R32026	MANAGEMENT SCIENCE	17	28	4
10BJ1A0503	R32051	ADVANCED COMPUTER NETWORKS	20	26	4
10BJ1A0503	R32052	COMPUTER ARCHITECTURE	19	35	4
10BJ1A0503	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	43	4
10BJ1A0503	R32054	UNIX PROGRAMMING	20	26	4
10BJ1A0503	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	36	4
10BJ1A0503	R32057	COMPUTER NETWORKS AND UNIX LAB	21	44	2
10BJ1A0503	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0504	R32026	MANAGEMENT SCIENCE	19	32	4
10BJ1A0504	R32051	ADVANCED COMPUTER NETWORKS	21	34	4
10BJ1A0504	R32052	COMPUTER ARCHITECTURE	17	44	4
10BJ1A0504	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	40	4
10BJ1A0504	R32054	UNIX PROGRAMMING	19	26	4
10BJ1A0504	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	26	4
10BJ1A0504	R32057	COMPUTER NETWORKS AND UNIX LAB	22	42	2
10BJ1A0504	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0505	R32026	MANAGEMENT SCIENCE	19	41	4
10BJ1A0505	R32051	ADVANCED COMPUTER NETWORKS	20	37	4
10BJ1A0505	R32052	COMPUTER ARCHITECTURE	19	44	4
10BJ1A0505	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	34	4
10BJ1A0505	R32054	UNIX PROGRAMMING	19	37	4
10BJ1A0505	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	31	4
10BJ1A0505	R32057	COMPUTER NETWORKS AND UNIX LAB	23	46	2
10BJ1A0505	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0506	R32026	MANAGEMENT SCIENCE	16	31	4
10BJ1A0506	R32051	ADVANCED COMPUTER NETWORKS	17	38	4
10BJ1A0506	R32052	COMPUTER ARCHITECTURE	16	58	4
10BJ1A0506	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	13	0
10BJ1A0506	R32054	UNIX PROGRAMMING	13	18	0
10BJ1A0506	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	56	4
10BJ1A0506	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0506	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	45	2
10BJ1A0507	R32026	MANAGEMENT SCIENCE	17	30	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0507	R32051	ADVANCED COMPUTER NETWORKS	19	31	4
10BJ1A0507	R32052	COMPUTER ARCHITECTURE	18	45	4
10BJ1A0507	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	57	4
10BJ1A0507	R32054	UNIX PROGRAMMING	17	45	4
10BJ1A0507	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	13	0
10BJ1A0507	R32057	COMPUTER NETWORKS AND UNIX LAB	21	40	2
10BJ1A0507	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0508	R32026	MANAGEMENT SCIENCE	19	45	4
10BJ1A0508	R32051	ADVANCED COMPUTER NETWORKS	17	48	4
10BJ1A0508	R32052	COMPUTER ARCHITECTURE	17	49	4
10BJ1A0508	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	51	4
10BJ1A0508	R32054	UNIX PROGRAMMING	17	40	4
10BJ1A0508	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	40	4
10BJ1A0508	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
10BJ1A0508	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	47	2
10BJ1A0509	R32026	MANAGEMENT SCIENCE	19	54	4
10BJ1A0509	R32051	ADVANCED COMPUTER NETWORKS	20	43	4
10BJ1A0509	R32052	COMPUTER ARCHITECTURE	19	56	4
10BJ1A0509	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	39	4
10BJ1A0509	R32054	UNIX PROGRAMMING	19	55	4
10BJ1A0509	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	21	46	4
10BJ1A0509	R32057	COMPUTER NETWORKS AND UNIX LAB	22	45	2
10BJ1A0509	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0510	R32026	MANAGEMENT SCIENCE	19	14	0
10BJ1A0510	R32051	ADVANCED COMPUTER NETWORKS	13	34	4
10BJ1A0510	R32052	COMPUTER ARCHITECTURE	17	48	4
10BJ1A0510	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	13	0
10BJ1A0510	R32054	UNIX PROGRAMMING	18	11	0
10BJ1A0510	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	21	46	4
10BJ1A0510	R32057	COMPUTER NETWORKS AND UNIX LAB	20	42	2
10BJ1A0510	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	47	2
10BJ1A0511	R32026	MANAGEMENT SCIENCE	18	26	4
10BJ1A0511	R32051	ADVANCED COMPUTER NETWORKS	14	30	4
10BJ1A0511	R32052	COMPUTER ARCHITECTURE	18	40	4
10BJ1A0511	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	39	4
10BJ1A0511	R32054	UNIX PROGRAMMING	18	26	4
10BJ1A0511	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	7	0
10BJ1A0511	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0511	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	45	2
10BJ1A0512	R32026	MANAGEMENT SCIENCE	20	36	4
10BJ1A0512	R32051	ADVANCED COMPUTER NETWORKS	19	39	4
10BJ1A0512	R32052	COMPUTER ARCHITECTURE	19	46	4
10BJ1A0512	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	46	4
10BJ1A0512	R32054	UNIX PROGRAMMING	18	38	4
10BJ1A0512	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	32	4
10BJ1A0512	R32057	COMPUTER NETWORKS AND UNIX LAB	22	45	2
10BJ1A0512	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0513	R32026	MANAGEMENT SCIENCE	18	33	4
10BJ1A0513	R32051	ADVANCED COMPUTER NETWORKS	17	32	4
10BJ1A0513	R32052	COMPUTER ARCHITECTURE	17	41	4
10BJ1A0513	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	28	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0513	R32054	UNIX PROGRAMMING	17	52	4
10BJ1A0513	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	29	4
10BJ1A0513	R32057	COMPUTER NETWORKS AND UNIX LAB	20	42	2
10BJ1A0513	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0514	R32026	MANAGEMENT SCIENCE	18	42	4
10BJ1A0514	R32051	ADVANCED COMPUTER NETWORKS	16	47	4
10BJ1A0514	R32052	COMPUTER ARCHITECTURE	19	59	4
10BJ1A0514	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	29	4
10BJ1A0514	R32054	UNIX PROGRAMMING	19	32	4
10BJ1A0514	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	64	4
10BJ1A0514	R32057	COMPUTER NETWORKS AND UNIX LAB	21	44	2
10BJ1A0514	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	50	2
10BJ1A0515	R32026	MANAGEMENT SCIENCE	21	37	4
10BJ1A0515	R32051	ADVANCED COMPUTER NETWORKS	17	43	4
10BJ1A0515	R32052	COMPUTER ARCHITECTURE	20	37	4
10BJ1A0515	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	58	4
10BJ1A0515	R32054	UNIX PROGRAMMING	17	32	4
10BJ1A0515	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	11	0
10BJ1A0515	R32057	COMPUTER NETWORKS AND UNIX LAB	21	42	2
10BJ1A0515	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0517	R32026	MANAGEMENT SCIENCE	21	51	4
10BJ1A0517	R32051	ADVANCED COMPUTER NETWORKS	20	45	4
10BJ1A0517	R32052	COMPUTER ARCHITECTURE	19	41	4
10BJ1A0517	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	54	4
10BJ1A0517	R32054	UNIX PROGRAMMING	18	47	4
10BJ1A0517	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	48	4
10BJ1A0517	R32057	COMPUTER NETWORKS AND UNIX LAB	22	44	2
10BJ1A0517	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0519	R32026	MANAGEMENT SCIENCE	17	30	4
10BJ1A0519	R32051	ADVANCED COMPUTER NETWORKS	12	19	0
10BJ1A0519	R32052	COMPUTER ARCHITECTURE	16	31	4
10BJ1A0519	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	28	4
10BJ1A0519	R32054	UNIX PROGRAMMING	18	42	4
10BJ1A0519	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	29	4
10BJ1A0519	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0519	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	47	2
10BJ1A0520	R32026	MANAGEMENT SCIENCE	17	44	4
10BJ1A0520	R32051	ADVANCED COMPUTER NETWORKS	17	47	4
10BJ1A0520	R32052	COMPUTER ARCHITECTURE	19	55	4
10BJ1A0520	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	26	4
10BJ1A0520	R32054	UNIX PROGRAMMING	16	45	4
10BJ1A0520	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	64	4
10BJ1A0520	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0520	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	47	2
10BJ1A0521	R32026	MANAGEMENT SCIENCE	18	42	4
10BJ1A0521	R32051	ADVANCED COMPUTER NETWORKS	19	38	4
10BJ1A0521	R32052	COMPUTER ARCHITECTURE	18	32	4
10BJ1A0521	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	50	4
10BJ1A0521	R32054	UNIX PROGRAMMING	17	9	0
10BJ1A0521	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	8	0
10BJ1A0521	R32057	COMPUTER NETWORKS AND UNIX LAB	21	41	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0521	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	49	2
10BJ1A0522	R32026	MANAGEMENT SCIENCE	18	37	4
10BJ1A0522	R32051	ADVANCED COMPUTER NETWORKS	18	28	4
10BJ1A0522	R32052	COMPUTER ARCHITECTURE	17	36	4
10BJ1A0522	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	32	4
10BJ1A0522	R32054	UNIX PROGRAMMING	18	9	0
10BJ1A0522	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	37	4
10BJ1A0522	R32057	COMPUTER NETWORKS AND UNIX LAB	21	40	2
10BJ1A0522	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	45	2
10BJ1A0523	R32026	MANAGEMENT SCIENCE	19	33	4
10BJ1A0523	R32051	ADVANCED COMPUTER NETWORKS	16	34	4
10BJ1A0523	R32052	COMPUTER ARCHITECTURE	19	34	4
10BJ1A0523	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	28	4
10BJ1A0523	R32054	UNIX PROGRAMMING	17	42	4
10BJ1A0523	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	34	4
10BJ1A0523	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0523	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	47	2
10BJ1A0524	R32026	MANAGEMENT SCIENCE	14	15	0
10BJ1A0524	R32051	ADVANCED COMPUTER NETWORKS	17	27	4
10BJ1A0524	R32052	COMPUTER ARCHITECTURE	16	27	4
10BJ1A0524	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	2	0
10BJ1A0524	R32054	UNIX PROGRAMMING	15	4	0
10BJ1A0524	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	12	14	0
10BJ1A0524	R32057	COMPUTER NETWORKS AND UNIX LAB	21	42	2
10BJ1A0524	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	49	2
10BJ1A0525	R32026	MANAGEMENT SCIENCE	16	34	4
10BJ1A0525	R32051	ADVANCED COMPUTER NETWORKS	17	42	4
10BJ1A0525	R32052	COMPUTER ARCHITECTURE	20	32	4
10BJ1A0525	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	45	4
10BJ1A0525	R32054	UNIX PROGRAMMING	18	16	0
10BJ1A0525	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	26	4
10BJ1A0525	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0525	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0526	R32026	MANAGEMENT SCIENCE	17	27	4
10BJ1A0526	R32051	ADVANCED COMPUTER NETWORKS	12	16	0
10BJ1A0526	R32052	COMPUTER ARCHITECTURE	16	14	0
10BJ1A0526	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	26	4
10BJ1A0526	R32054	UNIX PROGRAMMING	17	8	0
10BJ1A0526	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	16	0
10BJ1A0526	R32057	COMPUTER NETWORKS AND UNIX LAB	21	42	2
10BJ1A0526	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	48	2
10BJ1A0527	R32026	MANAGEMENT SCIENCE	16	39	4
10BJ1A0527	R32051	ADVANCED COMPUTER NETWORKS	16	28	4
10BJ1A0527	R32052	COMPUTER ARCHITECTURE	16	39	4
10BJ1A0527	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	28	4
10BJ1A0527	R32054	UNIX PROGRAMMING	18	33	4
10BJ1A0527	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	49	4
10BJ1A0527	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
10BJ1A0527	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	49	2
10BJ1A0528	R32026	MANAGEMENT SCIENCE	18	26	4
10BJ1A0528	R32051	ADVANCED COMPUTER NETWORKS	16	36	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0528	R32052	COMPUTER ARCHITECTURE	17	46	4
10BJ1A0528	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	28	4
10BJ1A0528	R32054	UNIX PROGRAMMING	17	34	4
10BJ1A0528	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	60	4
10BJ1A0528	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
10BJ1A0528	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
10BJ1A0531	R32026	MANAGEMENT SCIENCE	15	27	4
10BJ1A0531	R32051	ADVANCED COMPUTER NETWORKS	16	12	0
10BJ1A0531	R32052	COMPUTER ARCHITECTURE	17	28	4
10BJ1A0531	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	41	4
10BJ1A0531	R32054	UNIX PROGRAMMING	14	4	0
10BJ1A0531	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	3	0
10BJ1A0531	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0531	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	21	46	2
10BJ1A0532	R32026	MANAGEMENT SCIENCE	14	31	4
10BJ1A0532	R32051	ADVANCED COMPUTER NETWORKS	18	34	4
10BJ1A0532	R32052	COMPUTER ARCHITECTURE	14	31	4
10BJ1A0532	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	32	4
10BJ1A0532	R32054	UNIX PROGRAMMING	18	30	4
10BJ1A0532	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	30	4
10BJ1A0532	R32057	COMPUTER NETWORKS AND UNIX LAB	22	44	2
10BJ1A0532	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	47	2
10BJ1A0533	R32026	MANAGEMENT SCIENCE	16	33	4
10BJ1A0533	R32051	ADVANCED COMPUTER NETWORKS	17	28	4
10BJ1A0533	R32052	COMPUTER ARCHITECTURE	17	43	4
10BJ1A0533	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	4
10BJ1A0533	R32054	UNIX PROGRAMMING	18	51	4
10BJ1A0533	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	29	4
10BJ1A0533	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
10BJ1A0533	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	47	2
10BJ1A0534	R32026	MANAGEMENT SCIENCE	17	49	4
10BJ1A0534	R32051	ADVANCED COMPUTER NETWORKS	18	41	4
10BJ1A0534	R32052	COMPUTER ARCHITECTURE	19	49	4
10BJ1A0534	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	26	4
10BJ1A0534	R32054	UNIX PROGRAMMING	14	45	4
10BJ1A0534	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	61	4
10BJ1A0534	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0534	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0535	R32026	MANAGEMENT SCIENCE	16	26	4
10BJ1A0535	R32051	ADVANCED COMPUTER NETWORKS	14	26	4
10BJ1A0535	R32052	COMPUTER ARCHITECTURE	18	15	0
10BJ1A0535	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	27	4
10BJ1A0535	R32054	UNIX PROGRAMMING	16	7	0
10BJ1A0535	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	7	0
10BJ1A0535	R32057	COMPUTER NETWORKS AND UNIX LAB	17	35	2
10BJ1A0535	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0536	R32026	MANAGEMENT SCIENCE	15	31	4
10BJ1A0536	R32051	ADVANCED COMPUTER NETWORKS	14	26	4
10BJ1A0536	R32052	COMPUTER ARCHITECTURE	15	15	0
10BJ1A0536	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	26	4
10BJ1A0536	R32054	UNIX PROGRAMMING	16	8	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0536	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	28	4
10BJ1A0536	R32057	COMPUTER NETWORKS AND UNIX LAB	18	40	2
10BJ1A0536	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	45	2
10BJ1A0537	R32026	MANAGEMENT SCIENCE	16	52	4
10BJ1A0537	R32051	ADVANCED COMPUTER NETWORKS	16	30	4
10BJ1A0537	R32052	COMPUTER ARCHITECTURE	18	40	4
10BJ1A0537	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	13	0
10BJ1A0537	R32054	UNIX PROGRAMMING	15	36	4
10BJ1A0537	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	39	4
10BJ1A0537	R32057	COMPUTER NETWORKS AND UNIX LAB	18	39	2
10BJ1A0537	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	48	2
10BJ1A0538	R32026	MANAGEMENT SCIENCE	16	55	4
10BJ1A0538	R32051	ADVANCED COMPUTER NETWORKS	15	47	4
10BJ1A0538	R32052	COMPUTER ARCHITECTURE	19	39	4
10BJ1A0538	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	26	4
10BJ1A0538	R32054	UNIX PROGRAMMING	20	40	4
10BJ1A0538	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	67	4
10BJ1A0538	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
10BJ1A0538	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0539	R32026	MANAGEMENT SCIENCE	16	27	4
10BJ1A0539	R32051	ADVANCED COMPUTER NETWORKS	19	26	4
10BJ1A0539	R32052	COMPUTER ARCHITECTURE	16	37	4
10BJ1A0539	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	42	4
10BJ1A0539	R32054	UNIX PROGRAMMING	19	26	4
10BJ1A0539	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	31	4
10BJ1A0539	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0539	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0540	R32026	MANAGEMENT SCIENCE	15	27	4
10BJ1A0540	R32051	ADVANCED COMPUTER NETWORKS	15	16	0
10BJ1A0540	R32052	COMPUTER ARCHITECTURE	14	26	4
10BJ1A0540	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	26	4
10BJ1A0540	R32054	UNIX PROGRAMMING	16	0	0
10BJ1A0540	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	15	0
10BJ1A0540	R32057	COMPUTER NETWORKS AND UNIX LAB	22	40	2
10BJ1A0540	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	45	2
10BJ1A0541	R32026	MANAGEMENT SCIENCE	14	41	4
10BJ1A0541	R32051	ADVANCED COMPUTER NETWORKS	15	17	0
10BJ1A0541	R32052	COMPUTER ARCHITECTURE	14	28	4
10BJ1A0541	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	0	0
10BJ1A0541	R32054	UNIX PROGRAMMING	14	35	4
10BJ1A0541	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	34	4
10BJ1A0541	R32057	COMPUTER NETWORKS AND UNIX LAB	19	38	2
10BJ1A0541	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	47	2
10BJ1A0542	R32026	MANAGEMENT SCIENCE	17	26	4
10BJ1A0542	R32051	ADVANCED COMPUTER NETWORKS	18	42	4
10BJ1A0542	R32052	COMPUTER ARCHITECTURE	17	36	4
10BJ1A0542	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	9	0
10BJ1A0542	R32054	UNIX PROGRAMMING	18	14	0
10BJ1A0542	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	42	4
10BJ1A0542	R32057	COMPUTER NETWORKS AND UNIX LAB	19	39	2
10BJ1A0542	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0543	R32026	MANAGEMENT SCIENCE	18	35	4
10BJ1A0543	R32051	ADVANCED COMPUTER NETWORKS	18	47	4
10BJ1A0543	R32052	COMPUTER ARCHITECTURE	18	51	4
10BJ1A0543	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	49	4
10BJ1A0543	R32054	UNIX PROGRAMMING	21	32	4
10BJ1A0543	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	42	4
10BJ1A0543	R32057	COMPUTER NETWORKS AND UNIX LAB	23	43	2
10BJ1A0543	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0544	R32026	MANAGEMENT SCIENCE	18	36	4
10BJ1A0544	R32051	ADVANCED COMPUTER NETWORKS	16	30	4
10BJ1A0544	R32052	COMPUTER ARCHITECTURE	17	29	4
10BJ1A0544	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	31	4
10BJ1A0544	R32054	UNIX PROGRAMMING	21	13	0
10BJ1A0544	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	26	4
10BJ1A0544	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0544	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	49	2
10BJ1A0561	R32026	MANAGEMENT SCIENCE	17	45	4
10BJ1A0561	R32051	ADVANCED COMPUTER NETWORKS	19	31	4
10BJ1A0561	R32052	COMPUTER ARCHITECTURE	19	31	4
10BJ1A0561	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	28	4
10BJ1A0561	R32054	UNIX PROGRAMMING	14	42	4
10BJ1A0561	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	47	4
10BJ1A0561	R32057	COMPUTER NETWORKS AND UNIX LAB	19	38	2
10BJ1A0561	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	46	2
10BJ1A0562	R32026	MANAGEMENT SCIENCE	17	46	4
10BJ1A0562	R32051	ADVANCED COMPUTER NETWORKS	15	39	4
10BJ1A0562	R32052	COMPUTER ARCHITECTURE	15	39	4
10BJ1A0562	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	16	0
10BJ1A0562	R32054	UNIX PROGRAMMING	14	34	4
10BJ1A0562	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	60	4
10BJ1A0562	R32057	COMPUTER NETWORKS AND UNIX LAB	20	39	2
10BJ1A0562	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0563	R32026	MANAGEMENT SCIENCE	15	26	4
10BJ1A0563	R32051	ADVANCED COMPUTER NETWORKS	15	32	4
10BJ1A0563	R32052	COMPUTER ARCHITECTURE	15	26	4
10BJ1A0563	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	37	4
10BJ1A0563	R32054	UNIX PROGRAMMING	14	9	0
10BJ1A0563	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	5	0
10BJ1A0563	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0563	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	45	2
10BJ1A0564	R32026	MANAGEMENT SCIENCE	15	40	4
10BJ1A0564	R32051	ADVANCED COMPUTER NETWORKS	15	29	4
10BJ1A0564	R32052	COMPUTER ARCHITECTURE	14	29	4
10BJ1A0564	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
10BJ1A0564	R32054	UNIX PROGRAMMING	16	10	0
10BJ1A0564	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	30	4
10BJ1A0564	R32057	COMPUTER NETWORKS AND UNIX LAB	19	40	2
10BJ1A0564	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	47	2
10BJ1A0565	R32026	MANAGEMENT SCIENCE	20	53	4
10BJ1A0565	R32051	ADVANCED COMPUTER NETWORKS	20	30	4
10BJ1A0565	R32052	COMPUTER ARCHITECTURE	19	39	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0565	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	27	4
10BJ1A0565	R32054	UNIX PROGRAMMING	21	43	4
10BJ1A0565	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	26	4
10BJ1A0565	R32057	COMPUTER NETWORKS AND UNIX LAB	22	43	2
10BJ1A0565	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	49	2
10BJ1A0566	R32026	MANAGEMENT SCIENCE	16	43	4
10BJ1A0566	R32051	ADVANCED COMPUTER NETWORKS	15	37	4
10BJ1A0566	R32052	COMPUTER ARCHITECTURE	19	44	4
10BJ1A0566	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	4
10BJ1A0566	R32054	UNIX PROGRAMMING	19	33	4
10BJ1A0566	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	56	4
10BJ1A0566	R32057	COMPUTER NETWORKS AND UNIX LAB	22	40	2
10BJ1A0566	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	45	2
10BJ1A0567	R32026	MANAGEMENT SCIENCE	14	12	0
10BJ1A0567	R32051	ADVANCED COMPUTER NETWORKS	15	30	4
10BJ1A0567	R32052	COMPUTER ARCHITECTURE	15	20	0
10BJ1A0567	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	17	0
10BJ1A0567	R32054	UNIX PROGRAMMING	17	5	0
10BJ1A0567	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	1	0
10BJ1A0567	R32057	COMPUTER NETWORKS AND UNIX LAB	17	38	2
10BJ1A0567	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	46	2
10BJ1A0569	R32026	MANAGEMENT SCIENCE	18	30	4
10BJ1A0569	R32051	ADVANCED COMPUTER NETWORKS	15	30	4
10BJ1A0569	R32052	COMPUTER ARCHITECTURE	19	35	4
10BJ1A0569	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	32	4
10BJ1A0569	R32054	UNIX PROGRAMMING	17	13	0
10BJ1A0569	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	26	4
10BJ1A0569	R32057	COMPUTER NETWORKS AND UNIX LAB	19	40	2
10BJ1A0569	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0570	R32026	MANAGEMENT SCIENCE	11	12	0
10BJ1A0570	R32051	ADVANCED COMPUTER NETWORKS	12	11	0
10BJ1A0570	R32052	COMPUTER ARCHITECTURE	11	7	0
10BJ1A0570	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	6	0
10BJ1A0570	R32054	UNIX PROGRAMMING	14	8	0
10BJ1A0570	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	8	0
10BJ1A0570	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0570	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
10BJ1A0571	R32026	MANAGEMENT SCIENCE	15	26	4
10BJ1A0571	R32051	ADVANCED COMPUTER NETWORKS	17	31	4
10BJ1A0571	R32052	COMPUTER ARCHITECTURE	15	30	4
10BJ1A0571	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	12	0
10BJ1A0571	R32054	UNIX PROGRAMMING	17	31	4
10BJ1A0571	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	53	4
10BJ1A0571	R32057	COMPUTER NETWORKS AND UNIX LAB	21	41	2
10BJ1A0571	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	47	2
10BJ1A0572	R32026	MANAGEMENT SCIENCE	17	26	4
10BJ1A0572	R32051	ADVANCED COMPUTER NETWORKS	19	32	4
10BJ1A0572	R32052	COMPUTER ARCHITECTURE	16	26	4
10BJ1A0572	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	26	4
10BJ1A0572	R32054	UNIX PROGRAMMING	18	12	0
10BJ1A0572	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	5	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0572	R32057	COMPUTER NETWORKS AND UNIX LAB	21	40	2
10BJ1A0572	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	48	2
10BJ1A0573	R32026	MANAGEMENT SCIENCE	16	31	4
10BJ1A0573	R32051	ADVANCED COMPUTER NETWORKS	16	38	4
10BJ1A0573	R32052	COMPUTER ARCHITECTURE	15	39	4
10BJ1A0573	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	15	0
10BJ1A0573	R32054	UNIX PROGRAMMING	17	28	4
10BJ1A0573	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	30	4
10BJ1A0573	R32057	COMPUTER NETWORKS AND UNIX LAB	21	42	2
10BJ1A0573	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0574	R32026	MANAGEMENT SCIENCE	14	41	4
10BJ1A0574	R32051	ADVANCED COMPUTER NETWORKS	16	28	4
10BJ1A0574	R32052	COMPUTER ARCHITECTURE	16	29	4
10BJ1A0574	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	18	0
10BJ1A0574	R32054	UNIX PROGRAMMING	13	32	4
10BJ1A0574	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	29	4
10BJ1A0574	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0574	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0576	R32026	MANAGEMENT SCIENCE	18	33	4
10BJ1A0576	R32051	ADVANCED COMPUTER NETWORKS	19	42	4
10BJ1A0576	R32052	COMPUTER ARCHITECTURE	16	41	4
10BJ1A0576	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	37	4
10BJ1A0576	R32054	UNIX PROGRAMMING	19	35	4
10BJ1A0576	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	58	4
10BJ1A0576	R32057	COMPUTER NETWORKS AND UNIX LAB	22	44	2
10BJ1A0576	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
10BJ1A0577	R32026	MANAGEMENT SCIENCE	13	27	4
10BJ1A0577	R32051	ADVANCED COMPUTER NETWORKS	14	28	4
10BJ1A0577	R32052	COMPUTER ARCHITECTURE	21	26	4
10BJ1A0577	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	29	4
10BJ1A0577	R32054	UNIX PROGRAMMING	17	11	0
10BJ1A0577	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	19	0
10BJ1A0577	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0577	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
10BJ1A0578	R32026	MANAGEMENT SCIENCE	15	33	4
10BJ1A0578	R32051	ADVANCED COMPUTER NETWORKS	17	8	0
10BJ1A0578	R32052	COMPUTER ARCHITECTURE	15	28	4
10BJ1A0578	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	10	0
10BJ1A0578	R32054	UNIX PROGRAMMING	16	8	0
10BJ1A0578	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	26	4
10BJ1A0578	R32057	COMPUTER NETWORKS AND UNIX LAB	18	40	2
10BJ1A0578	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
10BJ1A0579	R32026	MANAGEMENT SCIENCE	16	53	4
10BJ1A0579	R32051	ADVANCED COMPUTER NETWORKS	15	26	4
10BJ1A0579	R32052	COMPUTER ARCHITECTURE	14	46	4
10BJ1A0579	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	20	0
10BJ1A0579	R32054	UNIX PROGRAMMING	16	30	4
10BJ1A0579	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	18	0
10BJ1A0579	R32057	COMPUTER NETWORKS AND UNIX LAB	20	41	2
10BJ1A0579	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	47	2
10BJ1A0580	R32026	MANAGEMENT SCIENCE	16	29	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0580	R32051	ADVANCED COMPUTER NETWORKS	15	38	4
10BJ1A0580	R32052	COMPUTER ARCHITECTURE	14	31	4
10BJ1A0580	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	16	0
10BJ1A0580	R32054	UNIX PROGRAMMING	13	35	4
10BJ1A0580	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	20	47	4
10BJ1A0580	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0580	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	47	2
10BJ1A0581	R32026	MANAGEMENT SCIENCE	16	26	4
10BJ1A0581	R32051	ADVANCED COMPUTER NETWORKS	15	18	0
10BJ1A0581	R32052	COMPUTER ARCHITECTURE	15	32	4
10BJ1A0581	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	39	4
10BJ1A0581	R32054	UNIX PROGRAMMING	15	16	0
10BJ1A0581	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	2	0
10BJ1A0581	R32057	COMPUTER NETWORKS AND UNIX LAB	21	42	2
10BJ1A0581	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0582	R32026	MANAGEMENT SCIENCE	16	30	4
10BJ1A0582	R32051	ADVANCED COMPUTER NETWORKS	13	18	0
10BJ1A0582	R32052	COMPUTER ARCHITECTURE	17	28	4
10BJ1A0582	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	11	0
10BJ1A0582	R32054	UNIX PROGRAMMING	17	3	0
10BJ1A0582	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	26	4
10BJ1A0582	R32057	COMPUTER NETWORKS AND UNIX LAB	14	38	2
10BJ1A0582	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	50	2
10BJ1A0583	R32026	MANAGEMENT SCIENCE	17	54	4
10BJ1A0583	R32051	ADVANCED COMPUTER NETWORKS	17	32	4
10BJ1A0583	R32052	COMPUTER ARCHITECTURE	18	47	4
10BJ1A0583	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	16	0
10BJ1A0583	R32054	UNIX PROGRAMMING	17	15	0
10BJ1A0583	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	13	0
10BJ1A0583	R32057	COMPUTER NETWORKS AND UNIX LAB	22	41	2
10BJ1A0583	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	48	2
10BJ1A0584	R32026	MANAGEMENT SCIENCE	11	16	0
10BJ1A0584	R32051	ADVANCED COMPUTER NETWORKS	15	40	4
10BJ1A0584	R32052	COMPUTER ARCHITECTURE	16	31	4
10BJ1A0584	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	8	0
10BJ1A0584	R32054	UNIX PROGRAMMING	15	15	0
10BJ1A0584	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	10	0
10BJ1A0584	R32057	COMPUTER NETWORKS AND UNIX LAB	19	40	2
10BJ1A0584	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	45	2
10BJ1A0585	R32026	MANAGEMENT SCIENCE	17	42	4
10BJ1A0585	R32051	ADVANCED COMPUTER NETWORKS	19	40	4
10BJ1A0585	R32052	COMPUTER ARCHITECTURE	17	38	4
10BJ1A0585	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	42	4
10BJ1A0585	R32054	UNIX PROGRAMMING	20	32	4
10BJ1A0585	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	21	28	4
10BJ1A0585	R32057	COMPUTER NETWORKS AND UNIX LAB	19	42	2
10BJ1A0585	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2
10BJ1A0586	R32026	MANAGEMENT SCIENCE	17	33	4
10BJ1A0586	R32051	ADVANCED COMPUTER NETWORKS	18	26	4
10BJ1A0586	R32052	COMPUTER ARCHITECTURE	19	32	4
10BJ1A0586	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0586	R32054	UNIX PROGRAMMING	17	13	0
10BJ1A0586	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	21	26	4
10BJ1A0586	R32057	COMPUTER NETWORKS AND UNIX LAB	19	42	2
10BJ1A0586	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	24	48	2
10BJ1A0587	R32026	MANAGEMENT SCIENCE	17	51	4
10BJ1A0587	R32051	ADVANCED COMPUTER NETWORKS	17	27	4
10BJ1A0587	R32052	COMPUTER ARCHITECTURE	17	50	4
10BJ1A0587	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	26	4
10BJ1A0587	R32054	UNIX PROGRAMMING	14	43	4
10BJ1A0587	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	17	0
10BJ1A0587	R32057	COMPUTER NETWORKS AND UNIX LAB	20	40	2
10BJ1A0587	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	47	2
10BJ1A0588	R32026	MANAGEMENT SCIENCE	14	26	4
10BJ1A0588	R32051	ADVANCED COMPUTER NETWORKS	15	41	4
10BJ1A0588	R32052	COMPUTER ARCHITECTURE	16	27	4
10BJ1A0588	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
10BJ1A0588	R32054	UNIX PROGRAMMING	12	13	0
10BJ1A0588	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	46	4
10BJ1A0588	R32057	COMPUTER NETWORKS AND UNIX LAB	16	38	2
10BJ1A0588	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	22	50	2
10BJ1A0589	R32026	MANAGEMENT SCIENCE	17	16	0
10BJ1A0589	R32051	ADVANCED COMPUTER NETWORKS	15	28	4
10BJ1A0589	R32052	COMPUTER ARCHITECTURE	17	28	4
10BJ1A0589	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	35	4
10BJ1A0589	R32054	UNIX PROGRAMMING	16	12	0
10BJ1A0589	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	8	0
10BJ1A0589	R32057	COMPUTER NETWORKS AND UNIX LAB	19	40	2
10BJ1A0589	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	23	49	2
11BJ5A0201	R32021	ELECTRICAL MACHINE DESIGN	12	29	4
11BJ5A0201	R32022	POWER SYSTEM ANALYSIS	14	9	0
11BJ5A0201	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	39	4
11BJ5A0201	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	37	4
11BJ5A0201	R32025	POWER SEMICONDUCTOR DRIVES	14	26	4
11BJ5A0201	R32026	MANAGEMENT SCIENCE	16	36	4
11BJ5A0201	R32027	POWER ELECTRONICS LAB	22	40	2
11BJ5A0201	R32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
11BJ5A0202	R32021	ELECTRICAL MACHINE DESIGN	19	26	4
11BJ5A0202	R32022	POWER SYSTEM ANALYSIS	19	35	4
11BJ5A0202	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	37	4
11BJ5A0202	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	44	4
11BJ5A0202	R32025	POWER SEMICONDUCTOR DRIVES	19	28	4
11BJ5A0202	R32026	MANAGEMENT SCIENCE	17	44	4
11BJ5A0202	R32027	POWER ELECTRONICS LAB	21	40	2
11BJ5A0202	R32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
11BJ5A0203	R32021	ELECTRICAL MACHINE DESIGN	16	35	4
11BJ5A0203	R32022	POWER SYSTEM ANALYSIS	22	28	4
11BJ5A0203	R32023	UTILIZATION OF ELECTRICAL ENERGY	15	53	4
11BJ5A0203	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	41	4
11BJ5A0203	R32025	POWER SEMICONDUCTOR DRIVES	17	44	4
11BJ5A0203	R32026	MANAGEMENT SCIENCE	15	38	4
11BJ5A0203	R32027	POWER ELECTRONICS LAB	23	43	2

Htno	Subcode	Subname	Internal	External	credits
11BJ5A0203	R32028	ELECTRICAL MEASUREMENTS LAB	21	42	2
11BJ5A0204	R32021	ELECTRICAL MACHINE DESIGN	17	29	4
11BJ5A0204	R32022	POWER SYSTEM ANALYSIS	12	28	4
11BJ5A0204	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	32	4
11BJ5A0204	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	36	4
11BJ5A0204	R32025	POWER SEMICONDUCTOR DRIVES	18	59	4
11BJ5A0204	R32026	MANAGEMENT SCIENCE	17	31	4
11BJ5A0204	R32027	POWER ELECTRONICS LAB	21	40	2
11BJ5A0204	R32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
11BJ5A0205	R32021	ELECTRICAL MACHINE DESIGN	18	31	4
11BJ5A0205	R32022	POWER SYSTEM ANALYSIS	15	26	4
11BJ5A0205	R32023	UTILIZATION OF ELECTRICAL ENERGY	19	38	4
11BJ5A0205	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	17	0
11BJ5A0205	R32025	POWER SEMICONDUCTOR DRIVES	19	26	4
11BJ5A0205	R32026	MANAGEMENT SCIENCE	15	41	4
11BJ5A0205	R32027	POWER ELECTRONICS LAB	24	44	2
11BJ5A0205	R32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
11BJ5A0206	R32021	ELECTRICAL MACHINE DESIGN	14	29	4
11BJ5A0206	R32022	POWER SYSTEM ANALYSIS	14	35	4
11BJ5A0206	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	39	4
11BJ5A0206	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	38	4
11BJ5A0206	R32025	POWER SEMICONDUCTOR DRIVES	8	32	4
11BJ5A0206	R32026	MANAGEMENT SCIENCE	20	35	4
11BJ5A0206	R32027	POWER ELECTRONICS LAB	22	40	2
11BJ5A0206	R32028	ELECTRICAL MEASUREMENTS LAB	21	45	2
11BJ5A0207	R32021	ELECTRICAL MACHINE DESIGN	14	35	4
11BJ5A0207	R32022	POWER SYSTEM ANALYSIS	12	39	4
11BJ5A0207	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	41	4
11BJ5A0207	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	29	4
11BJ5A0207	R32025	POWER SEMICONDUCTOR DRIVES	22	39	4
11BJ5A0207	R32026	MANAGEMENT SCIENCE	18	31	4
11BJ5A0207	R32027	POWER ELECTRONICS LAB	23	40	2
11BJ5A0207	R32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
11BJ5A0401	R32026	MANAGEMENT SCIENCE	16	47	4
11BJ5A0401	R32041	COMPUTER NETWORKS	20	41	4
11BJ5A0401	R32042	MICROWAVE ENGINEERING	19	29	4
11BJ5A0401	R32043	DIGITAL SIGNAL PROCESSING	15	46	4
11BJ5A0401	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	42	4
11BJ5A0401	R32045	VLSI DESIGN	22	44	4
11BJ5A0401	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
11BJ5A0401	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	23	47	2
11BJ5A0402	R32026	MANAGEMENT SCIENCE	20	48	4
11BJ5A0402	R32041	COMPUTER NETWORKS	21	50	4
11BJ5A0402	R32042	MICROWAVE ENGINEERING	20	66	4
11BJ5A0402	R32043	DIGITAL SIGNAL PROCESSING	20	60	4
11BJ5A0402	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	75	4
11BJ5A0402	R32045	VLSI DESIGN	19	40	4
11BJ5A0402	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
11BJ5A0402	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	50	2
11BJ5A0403	R32026	MANAGEMENT SCIENCE	19	33	4
11BJ5A0403	R32041	COMPUTER NETWORKS	20	33	4

Htno	Subcode	Subname	Internal	External	credits
11BJ5A0403	R32042	MICROWAVE ENGINEERING	16	35	4
11BJ5A0403	R32043	DIGITAL SIGNAL PROCESSING	16	33	4
11BJ5A0403	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	47	4
11BJ5A0403	R32045	VLSI DESIGN	17	42	4
11BJ5A0403	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
11BJ5A0403	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	22	46	2
11BJ5A0405	R32026	MANAGEMENT SCIENCE	17	42	4
11BJ5A0405	R32041	COMPUTER NETWORKS	20	43	4
11BJ5A0405	R32042	MICROWAVE ENGINEERING	20	44	4
11BJ5A0405	R32043	DIGITAL SIGNAL PROCESSING	18	32	4
11BJ5A0405	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	39	4
11BJ5A0405	R32045	VLSI DESIGN	19	48	4
11BJ5A0405	R32047	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
11BJ5A0405	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	24	49	2
11BJ5A0501	R32026	MANAGEMENT SCIENCE	17	30	4
11BJ5A0501	R32051	ADVANCED COMPUTER NETWORKS	18	18	0
11BJ5A0501	R32052	COMPUTER ARCHITECTURE	20	34	4
11BJ5A0501	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	26	4
11BJ5A0501	R32054	UNIX PROGRAMMING	19	18	0
11BJ5A0501	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	29	4
11BJ5A0501	R32057	COMPUTER NETWORKS AND UNIX LAB	21	43	2
11BJ5A0501	R32058	ADVANCED JAVA AND WEB TECHNOLOGIES LAB	25	50	2

[Last Date for Recounting/Revaluation/Challenge By Revaluation: 27-06-2013]

Date:13-06-2013



Controller of Examinations