



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech [R13,R10,R07,R05] II Semester Regular/Supplementary Examinations April-2016

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

Htno	Subcode	Subname	Internal	External	credits
07BJ1A1244	V3244	DATA WAREHOUSING AND DATA MINING	17	0	0
09BJ1A0314	R32035	DESIGN OF MACHINE MEMBERS_II	14	0	0
09BJ1A0316	R32031	METROLOGY	11	38	4
09BJ1A0516	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	32	4
09BJ1A0526	P32051	ADVANCED OPERATING SYSTEMS	0	0	0
09BJ1A0526	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	4	15	0
09BJ1A0534	R32051	ADVANCED COMPUTER NETWORKS	16	4	0
09BJ1A0534	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	2	0
09BJ5A0201	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	7	0
09BJ5A0201	R32025	POWER SEMICONDUCTOR DRIVES	20	31	4
109T1A0406	R32042	MICROWAVE ENGINEERING	5	4	0
109T1A0406	R32043	DIGITAL SIGNAL PROCESSING	8	-1	0
109T1A0406	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	-1	0
10BJ1A0218	R32023	UTILIZATION OF ELECTRICAL ENERGY	17	-1	0
10BJ1A0218	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	-1	0
10BJ1A0218	R32025	POWER SEMICONDUCTOR DRIVES	2	-1	0
10BJ1A0218	R32026	MANAGEMENT SCIENCE	0	-1	0
10BJ1A0248	R32024	MICROPROCESSORS AND MICROCONTROLLER	5	0	0
10BJ1A0248	R32025	POWER SEMICONDUCTOR DRIVES	7	-1	0
10BJ1A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	9	-1	0
10BJ1A0441	R32041	COMPUTER NETWORKS	15	0	0
10BJ1A0563	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	4	0
10BJ1A0570	R32026	MANAGEMENT SCIENCE	11	14	0
10BJ1A0570	R32051	ADVANCED COMPUTER NETWORKS	12	5	0
10BJ1A0570	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	5	0
10BJ1A0570	R32054	UNIX PROGRAMMING	14	11	0
10BJ1A0570	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	1	0
11BJ1A0305	R32031	METROLOGY	15	40	4
11BJ1A0305	R32036	INDUSTRIAL ENGG. & MANAGEMENT	16	34	4
11BJ1A0308	R32036	INDUSTRIAL ENGG. & MANAGEMENT	11	30	4
11BJ1A0312	R32031	METROLOGY	17	33	4
11BJ1A0316	R32033	HEAT TRANSFER	16	5	0
11BJ1A0316	R32035	DESIGN OF MACHINE MEMBERS_II	12	0	0
11BJ1A0324	R32033	HEAT TRANSFER	15	6	0
11BJ1A0324	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	4	0
11BJ1A0324	R32035	DESIGN OF MACHINE MEMBERS_II	12	0	0
11BJ1A0324	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	0	0
11BJ1A0419	R32042	MICROWAVE ENGINEERING	18	-1	0
11BJ1A0426	R32041	COMPUTER NETWORKS	9	0	0
11BJ1A0426	R32043	DIGITAL SIGNAL PROCESSING	10	-1	0
11BJ1A0426	R32045	VLSI DESIGN	22	3	0
11BJ1A0432	R32026	MANAGEMENT SCIENCE	16	-1	0
11BJ1A0432	R32042	MICROWAVE ENGINEERING	0	-1	0
11BJ1A0443	R32041	COMPUTER NETWORKS	18	-1	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0443	R32043	DIGITAL SIGNAL PROCESSING	18	-1	0
11BJ1A0443	R32045	VLSI DESIGN	18	-1	0
11BJ1A0451	R32041	COMPUTER NETWORKS	9	-1	0
11BJ1A0451	R32045	VLSI DESIGN	15	-1	0
11BJ1A0453	R32042	MICROWAVE ENGINEERING	19	32	4
11BJ1A0535	R32051	ADVANCED COMPUTER NETWORKS	16	2	0
11BJ1A0535	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	6	0
11BJ1A0538	R32051	ADVANCED COMPUTER NETWORKS	15	0	0
11BJ1A0538	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	0	0
12BJ1A0202	R32022	POWER SYSTEM ANALYSIS	20	26	4
12BJ1A0202	R32023	UTILIZATION OF ELECTRICAL ENERGY	14	30	4
12BJ1A0202	R32025	POWER SEMICONDUCTOR DRIVES	17	8	0
12BJ1A0203	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	30	4
12BJ1A0205	R32024	MICROPROCESSORS AND MICROCONTROLLER	22	30	4
12BJ1A0208	R32022	POWER SYSTEM ANALYSIS	18	30	4
12BJ1A0208	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	9	0
12BJ1A0208	R32025	POWER SEMICONDUCTOR DRIVES	15	34	4
12BJ1A0210	R32022	POWER SYSTEM ANALYSIS	18	33	4
12BJ1A0211	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	37	4
12BJ1A0212	R32021	ELECTRICAL MACHINE DESIGN	19	27	4
12BJ1A0212	R32022	POWER SYSTEM ANALYSIS	17	13	0
12BJ1A0212	R32024	MICROPROCESSORS AND MICROCONTROLLER	10	2	0
12BJ1A0212	R32025	POWER SEMICONDUCTOR DRIVES	14	2	0
12BJ1A0214	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	6	0
12BJ1A0216	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	7	0
12BJ1A0218	R32021	ELECTRICAL MACHINE DESIGN	19	2	0
12BJ1A0218	R32022	POWER SYSTEM ANALYSIS	20	1	0
12BJ1A0218	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	0	0
12BJ1A0218	R32024	MICROPROCESSORS AND MICROCONTROLLER	23	0	0
12BJ1A0218	R32025	POWER SEMICONDUCTOR DRIVES	22	1	0
12BJ1A0218	R32026	MANAGEMENT SCIENCE	16	-1	0
12BJ1A0219	R32024	MICROPROCESSORS AND MICROCONTROLLER	14	10	0
12BJ1A0220	R32022	POWER SYSTEM ANALYSIS	17	16	0
12BJ1A0220	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	7	0
12BJ1A0220	R32024	MICROPROCESSORS AND MICROCONTROLLER	14	3	0
12BJ1A0221	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	14	0
12BJ1A0226	R32023	UTILIZATION OF ELECTRICAL ENERGY	24	30	4
12BJ1A0226	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	10	0
12BJ1A0227	R32022	POWER SYSTEM ANALYSIS	21	26	4
12BJ1A0227	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	11	0
12BJ1A0227	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	3	0
12BJ1A0229	R32022	POWER SYSTEM ANALYSIS	15	28	4
12BJ1A0229	R32025	POWER SEMICONDUCTOR DRIVES	15	40	4
12BJ1A0230	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	4	0
12BJ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	16	8	0
12BJ1A0230	R32026	MANAGEMENT SCIENCE	19	30	4
12BJ1A0232	R32022	POWER SYSTEM ANALYSIS	19	26	4
12BJ1A0232	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	0	0
12BJ1A0232	R32024	MICROPROCESSORS AND MICROCONTROLLER	21	0	0
12BJ1A0232	R32025	POWER SEMICONDUCTOR DRIVES	17	1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0232	R32026	MANAGEMENT SCIENCE	19	5	0
12BJ1A0236	R32022	POWER SYSTEM ANALYSIS	21	30	4
12BJ1A0236	R32024	MICROPROCESSORS AND MICROCONTROLLER	23	2	0
12BJ1A0244	R32022	POWER SYSTEM ANALYSIS	16	-1	0
12BJ1A0244	R32024	MICROPROCESSORS AND MICROCONTROLLER	12	-1	0
12BJ1A0244	R32025	POWER SEMICONDUCTOR DRIVES	13	-1	0
12BJ1A0245	R32022	POWER SYSTEM ANALYSIS	19	27	4
12BJ1A0245	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	30	4
12BJ1A0246	R32022	POWER SYSTEM ANALYSIS	21	29	4
12BJ1A0246	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	11	0
12BJ1A0246	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	31	4
12BJ1A0246	R32025	POWER SEMICONDUCTOR DRIVES	15	2	0
12BJ1A0303	R32032	ROBOTICS	22	46	4
12BJ1A0309	R32032	ROBOTICS	24	1	0
12BJ1A0309	R32034	INSTRUMENTATION & CONTROL SYSTEMS	21	0	0
12BJ1A0309	R32035	DESIGN OF MACHINE MEMBERS_II	15	0	0
12BJ1A0309	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	0	0
12BJ1A0311	R32031	METROLOGY	16	12	0
12BJ1A0311	R32033	HEAT TRANSFER	18	2	0
12BJ1A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	21	15	0
12BJ1A0312	R32031	METROLOGY	17	0	0
12BJ1A0312	R32033	HEAT TRANSFER	17	4	0
12BJ1A0312	R32036	INDUSTRIAL ENGG. & MANAGEMENT	22	0	0
12BJ1A0313	R32033	HEAT TRANSFER	15	0	0
12BJ1A0313	R32034	INSTRUMENTATION & CONTROL SYSTEMS	22	-1	0
12BJ1A0313	R32035	DESIGN OF MACHINE MEMBERS_II	15	2	0
12BJ1A0320	R32031	METROLOGY	14	18	0
12BJ1A0320	R32032	ROBOTICS	14	7	0
12BJ1A0320	R32033	HEAT TRANSFER	15	13	0
12BJ1A0320	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	4	0
12BJ1A0322	R32031	METROLOGY	16	0	0
12BJ1A0322	R32032	ROBOTICS	18	-1	0
12BJ1A0322	R32033	HEAT TRANSFER	14	-1	0
12BJ1A0322	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	-1	0
12BJ1A0322	R32035	DESIGN OF MACHINE MEMBERS_II	19	-1	0
12BJ1A0322	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
12BJ1A0328	R32033	HEAT TRANSFER	16	26	4
12BJ1A0331	R32032	ROBOTICS	15	36	4
12BJ1A0333	R32031	METROLOGY	15	19	0
12BJ1A0334	R32036	INDUSTRIAL ENGG. & MANAGEMENT	24	34	4
12BJ1A0337	R32031	METROLOGY	18	39	4
12BJ1A0339	R32031	METROLOGY	15	0	0
12BJ1A0339	R32032	ROBOTICS	13	17	0
12BJ1A0339	R32033	HEAT TRANSFER	15	0	0
12BJ1A0339	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	-1	0
12BJ1A0339	R32035	DESIGN OF MACHINE MEMBERS_II	15	4	0
12BJ1A0339	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	4	0
12BJ1A0341	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	14	0
12BJ1A0343	R32036	INDUSTRIAL ENGG. & MANAGEMENT	21	6	0
12BJ1A0347	R32031	METROLOGY	19	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0347	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	0	0
12BJ1A0348	R32031	METROLOGY	18	41	4
12BJ1A0349	R32031	METROLOGY	16	30	4
12BJ1A0349	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	4	0
12BJ1A0353	R32031	METROLOGY	17	0	0
12BJ1A0353	R32033	HEAT TRANSFER	14	0	0
12BJ1A0358	R32031	METROLOGY	20	0	0
12BJ1A0363	R32031	METROLOGY	15	0	0
12BJ1A0363	R32032	ROBOTICS	14	-1	0
12BJ1A0363	R32033	HEAT TRANSFER	14	-1	0
12BJ1A0363	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	-1	0
12BJ1A0363	R32035	DESIGN OF MACHINE MEMBERS_II	14	-1	0
12BJ1A0363	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
12BJ1A0363	R32037	METROLOGY & INSTRUMENTATION LAB	22	30	2
12BJ1A0363	R32038	HEAT TRANSFER LAB	22	-1	0
12BJ1A0369	R32031	METROLOGY	14	47	4
12BJ1A0379	R32031	METROLOGY	15	-1	0
12BJ1A0379	R32032	ROBOTICS	18	5	0
12BJ1A0379	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	0	0
12BJ1A0379	R32035	DESIGN OF MACHINE MEMBERS_II	19	0	0
12BJ1A0379	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
12BJ1A0380	R32031	METROLOGY	18	0	0
12BJ1A0380	R32032	ROBOTICS	14	0	0
12BJ1A0380	R32033	HEAT TRANSFER	16	2	0
12BJ1A0380	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	0	0
12BJ1A0380	R32035	DESIGN OF MACHINE MEMBERS_II	14	0	0
12BJ1A0380	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	2	0
12BJ1A0382	R32031	METROLOGY	15	0	0
12BJ1A0382	R32033	HEAT TRANSFER	14	0	0
12BJ1A0382	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	0	0
12BJ1A0382	R32035	DESIGN OF MACHINE MEMBERS_II	15	5	0
12BJ1A0382	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	4	0
12BJ1A0388	R32031	METROLOGY	17	30	4
12BJ1A0388	R32035	DESIGN OF MACHINE MEMBERS_II	15	0	0
12BJ1A0389	R32031	METROLOGY	15	48	4
12BJ1A0389	R32033	HEAT TRANSFER	14	31	4
12BJ1A0389	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	17	0
12BJ1A0390	R32031	METROLOGY	16	0	0
12BJ1A0390	R32032	ROBOTICS	16	0	0
12BJ1A0390	R32034	INSTRUMENTATION & CONTROL SYSTEMS	23	-1	0
12BJ1A0390	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	0	0
12BJ1A0395	R32031	METROLOGY	15	32	4
12BJ1A0395	R32033	HEAT TRANSFER	15	34	4
12BJ1A0395	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	0	0
12BJ1A0395	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	12	0
12BJ1A0401	R32026	MANAGEMENT SCIENCE	22	57	4
12BJ1A0401	R32041	COMPUTER NETWORKS	22	10	0
12BJ1A0401	R32042	MICROWAVE ENGINEERING	22	42	4
12BJ1A0401	R32043	DIGITAL SIGNAL PROCESSING	25	12	0
12BJ1A0401	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	23	44	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0401	R32045	VLSI DESIGN	24	-1	0
12BJ1A0405	R32042	MICROWAVE ENGINEERING	21	32	4
12BJ1A0405	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	-1	0
12BJ1A0411	R32042	MICROWAVE ENGINEERING	20	46	4
12BJ1A0411	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	32	4
12BJ1A0412	R32045	VLSI DESIGN	20	1	0
12BJ1A0423	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	24	37	4
12BJ1A0427	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	38	4
12BJ1A0428	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	42	4
12BJ1A0433	R32041	COMPUTER NETWORKS	22	0	0
12BJ1A0433	R32042	MICROWAVE ENGINEERING	18	6	0
12BJ1A0433	R32043	DIGITAL SIGNAL PROCESSING	22	0	0
12BJ1A0433	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	19	0
12BJ1A0433	R32045	VLSI DESIGN	19	0	0
12BJ1A0434	R32042	MICROWAVE ENGINEERING	21	-1	0
12BJ1A0434	R32045	VLSI DESIGN	14	12	0
12BJ1A0435	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	34	4
12BJ1A0437	R32043	DIGITAL SIGNAL PROCESSING	21	12	0
12BJ1A0439	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	32	4
12BJ1A0440	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	39	4
12BJ1A0442	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	34	4
12BJ1A0443	R32041	COMPUTER NETWORKS	13	0	0
12BJ1A0443	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	13	0
12BJ1A0443	R32045	VLSI DESIGN	20	9	0
12BJ1A0444	R32042	MICROWAVE ENGINEERING	22	40	4
12BJ1A0444	R32043	DIGITAL SIGNAL PROCESSING	21	9	0
12BJ1A0444	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	13	0
12BJ1A0444	R32045	VLSI DESIGN	19	32	4
12BJ1A0445	R32042	MICROWAVE ENGINEERING	24	50	4
12BJ1A0447	R32042	MICROWAVE ENGINEERING	14	35	4
12BJ1A0447	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	17	0
12BJ1A0447	R32045	VLSI DESIGN	14	16	0
12BJ1A0448	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	36	4
12BJ1A0450	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	37	4
12BJ1A0450	R32045	VLSI DESIGN	15	11	0
12BJ1A0451	R32042	MICROWAVE ENGINEERING	22	36	4
12BJ1A0451	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	39	4
12BJ1A0453	R32043	DIGITAL SIGNAL PROCESSING	23	10	0
12BJ1A0454	R32045	VLSI DESIGN	16	7	0
12BJ1A0456	R32042	MICROWAVE ENGINEERING	20	34	4
12BJ1A0456	R32043	DIGITAL SIGNAL PROCESSING	23	16	0
12BJ1A0456	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	21	26	4
12BJ1A0457	R32042	MICROWAVE ENGINEERING	19	46	4
12BJ1A0457	R32043	DIGITAL SIGNAL PROCESSING	22	10	0
12BJ1A0457	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	14	32	4
12BJ1A0457	R32045	VLSI DESIGN	19	26	4
12BJ1A0459	R32041	COMPUTER NETWORKS	14	16	0
12BJ1A0459	R32042	MICROWAVE ENGINEERING	17	30	4
12BJ1A0459	R32043	DIGITAL SIGNAL PROCESSING	24	5	0
12BJ1A0460	R32042	MICROWAVE ENGINEERING	20	36	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0460	R32045	VLSI DESIGN	22	12	0
12BJ1A0463	R32041	COMPUTER NETWORKS	21	0	0
12BJ1A0463	R32043	DIGITAL SIGNAL PROCESSING	24	7	0
12BJ1A0480	R32042	MICROWAVE ENGINEERING	19	40	4
12BJ1A0481	R32042	MICROWAVE ENGINEERING	20	42	4
12BJ1A0481	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	13	0
12BJ1A0481	R32045	VLSI DESIGN	20	7	0
12BJ1A0485	R32043	DIGITAL SIGNAL PROCESSING	24	11	0
12BJ1A0486	R32045	VLSI DESIGN	19	20	0
12BJ1A0489	R32026	MANAGEMENT SCIENCE	14	-1	0
12BJ1A0489	R32041	COMPUTER NETWORKS	15	-1	0
12BJ1A0489	R32042	MICROWAVE ENGINEERING	15	0	0
12BJ1A0489	R32043	DIGITAL SIGNAL PROCESSING	19	-1	0
12BJ1A0489	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	0	0
12BJ1A0489	R32045	VLSI DESIGN	17	-1	0
12BJ1A0490	R32042	MICROWAVE ENGINEERING	15	0	0
12BJ1A0490	R32043	DIGITAL SIGNAL PROCESSING	16	10	0
12BJ1A0490	R32045	VLSI DESIGN	14	15	0
12BJ1A0492	R32042	MICROWAVE ENGINEERING	14	32	4
12BJ1A0492	R32045	VLSI DESIGN	15	26	4
12BJ1A0494	R32041	COMPUTER NETWORKS	0	0	0
12BJ1A0494	R32043	DIGITAL SIGNAL PROCESSING	17	6	0
12BJ1A0494	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	19	0
12BJ1A0494	R32045	VLSI DESIGN	16	12	0
12BJ1A04A2	R32042	MICROWAVE ENGINEERING	20	42	4
12BJ1A04A2	R32043	DIGITAL SIGNAL PROCESSING	22	0	0
12BJ1A04A4	R32042	MICROWAVE ENGINEERING	15	40	4
12BJ1A04A4	R32043	DIGITAL SIGNAL PROCESSING	18	4	0
12BJ1A04A4	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	26	4
12BJ1A04A4	R32045	VLSI DESIGN	22	31	4
12BJ1A04A7	R32045	VLSI DESIGN	21	20	0
12BJ1A04B1	R32042	MICROWAVE ENGINEERING	16	32	4
12BJ1A04B1	R32043	DIGITAL SIGNAL PROCESSING	15	0	0
12BJ1A04B1	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	11	0
12BJ1A04B1	R32045	VLSI DESIGN	18	32	4
12BJ1A04B3	R32026	MANAGEMENT SCIENCE	17	36	4
12BJ1A04B3	R32043	DIGITAL SIGNAL PROCESSING	23	16	0
12BJ1A04B3	R32045	VLSI DESIGN	18	33	4
12BJ1A04B8	R32042	MICROWAVE ENGINEERING	19	42	4
12BJ1A04B8	R32043	DIGITAL SIGNAL PROCESSING	17	7	0
12BJ1A04D5	R32026	MANAGEMENT SCIENCE	22	16	0
12BJ1A04D5	R32042	MICROWAVE ENGINEERING	18	28	4
12BJ1A04D5	R32043	DIGITAL SIGNAL PROCESSING	21	0	0
12BJ1A04D5	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	16	0
12BJ1A04D5	R32045	VLSI DESIGN	19	26	4
12BJ1A04D6	R32041	COMPUTER NETWORKS	20	-1	0
12BJ1A04D6	R32043	DIGITAL SIGNAL PROCESSING	21	0	0
12BJ1A04E3	R32026	MANAGEMENT SCIENCE	12	30	4
12BJ1A04E3	R32042	MICROWAVE ENGINEERING	15	15	0
12BJ1A04E3	R32043	DIGITAL SIGNAL PROCESSING	14	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04E3	R32045	VLSI DESIGN	15	44	4
12BJ1A04E6	R32043	DIGITAL SIGNAL PROCESSING	19	31	4
12BJ1A0528	R32051	ADVANCED COMPUTER NETWORKS	15	36	4
12BJ1A0530	R32026	MANAGEMENT SCIENCE	17	14	0
12BJ1A0530	R32054	UNIX PROGRAMMING	14	16	0
12BJ1A0531	R32054	UNIX PROGRAMMING	14	6	0
12BJ1A0532	R32051	ADVANCED COMPUTER NETWORKS	15	8	0
12BJ1A0532	R32054	UNIX PROGRAMMING	14	5	0
12BJ1A0537	R32051	ADVANCED COMPUTER NETWORKS	14	36	4
12BJ1A0537	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	9	0
12BJ1A0546	R32051	ADVANCED COMPUTER NETWORKS	13	-1	0
12BJ1A0546	R32054	UNIX PROGRAMMING	18	-1	0
12BJ1A0547	R32051	ADVANCED COMPUTER NETWORKS	13	40	4
12BJ1A0549	R32026	MANAGEMENT SCIENCE	13	0	0
12BJ1A0549	R32054	UNIX PROGRAMMING	21	20	0
12BJ1A0552	R32054	UNIX PROGRAMMING	22	31	4
12BJ1A0554	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	24	12	0
12BJ1A0554	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	7	0
12BJ1A0556	R32051	ADVANCED COMPUTER NETWORKS	12	38	4
12BJ1A0556	R32052	COMPUTER ARCHITECTURE	14	10	0
12BJ1A0558	R32054	UNIX PROGRAMMING	15	-1	0
12BJ1A0558	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	0	0
12BJ1A0560	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	11	0
12BJ1A0563	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	0	0
12BJ1A0579	R32054	UNIX PROGRAMMING	15	9	0
12BJ1A0579	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	0	0
12BJ1A0580	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	2	0
12BJ1A0584	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	14	0
12BJ1A0591	R32051	ADVANCED COMPUTER NETWORKS	14	8	0
12BJ1A0591	R32052	COMPUTER ARCHITECTURE	14	2	0
12BJ1A0591	R32054	UNIX PROGRAMMING	14	11	0
12BJ1A0591	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	1	0
12BJ1A0594	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	7	0
12BJ1A0594	R32054	UNIX PROGRAMMING	15	6	0
12BJ1A0594	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	3	0
12BJ1A0598	R32026	MANAGEMENT SCIENCE	21	3	0
12BJ1A0598	R32051	ADVANCED COMPUTER NETWORKS	14	8	0
12BJ1A0598	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	3	0
12BJ1A0598	R32054	UNIX PROGRAMMING	15	0	0
12BJ1A0598	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	1	0
12BJ1A05A1	R32051	ADVANCED COMPUTER NETWORKS	22	36	4
12BJ1A05A1	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	3	0
12BJ1A05A5	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	1	0
12BJ1A05A8	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	2	0
12BJ1A05A9	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	-1	0
12BJ1A05B1	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	30	4
12BJ5A0208	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	-1	0
12BJ5A0208	R32025	POWER SEMICONDUCTOR DRIVES	15	0	0
12BJ5A0216	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	13	0
12BJ5A0216	R32024	MICROPROCESSORS AND MICROCONTROLLER	19	30	4

Htno	Subcode	Subname	Internal	External	credits
12BJ5A0216	R32025	POWER SEMICONDUCTOR DRIVES	19	2	0
12BJ5A0216	R32026	MANAGEMENT SCIENCE	16	15	0
12BJ5A0223	R32021	ELECTRICAL MACHINE DESIGN	2	31	0
12BJ5A0223	R32022	POWER SYSTEM ANALYSIS	0	0	0
12BJ5A0223	R32023	UTILIZATION OF ELECTRICAL ENERGY	0	11	0
12BJ5A0223	R32024	MICROPROCESSORS AND MICROCONTROLLER	0	30	0
12BJ5A0223	R32025	POWER SEMICONDUCTOR DRIVES	0	3	0
12BJ5A0223	R32026	MANAGEMENT SCIENCE	0	3	0
12BJ5A0223	R32027	POWER ELECTRONICS LAB	0	-1	0
12BJ5A0223	R32028	ELECTRICAL MEASUREMENTS LAB	0	35	2
13BJ1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	23	29	3
13BJ1A0101	RT32012	GEOTECHNICAL ENGINEERING II	17	33	3
13BJ1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	27	3
13BJ1A0101	RT32014	WATER RESOURCES ENGINEERING I	21	50	3
13BJ1A0101	RT32015	TRANSPORTATION ENGINEERING II	18	38	3
13BJ1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	51	3
13BJ1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	43	2
13BJ1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
13BJ1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	25	46	3
13BJ1A0102	RT32012	GEOTECHNICAL ENGINEERING II	23	43	3
13BJ1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	33	3
13BJ1A0102	RT32014	WATER RESOURCES ENGINEERING I	24	33	3
13BJ1A0102	RT32015	TRANSPORTATION ENGINEERING II	20	43	3
13BJ1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	53	3
13BJ1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	47	2
13BJ1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
13BJ1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	21	37	3
13BJ1A0103	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
13BJ1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	12	0
13BJ1A0103	RT32014	WATER RESOURCES ENGINEERING I	23	37	3
13BJ1A0103	RT32015	TRANSPORTATION ENGINEERING II	19	47	3
13BJ1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	50	3
13BJ1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	46	2
13BJ1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
13BJ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	20	10	0
13BJ1A0104	RT32012	GEOTECHNICAL ENGINEERING II	21	30	3
13BJ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	36	3
13BJ1A0104	RT32014	WATER RESOURCES ENGINEERING I	22	34	3
13BJ1A0104	RT32015	TRANSPORTATION ENGINEERING II	17	49	3
13BJ1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	46	3
13BJ1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	45	2
13BJ1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
13BJ1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
13BJ1A0105	RT32012	GEOTECHNICAL ENGINEERING II	17	32	3
13BJ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	35	3
13BJ1A0105	RT32014	WATER RESOURCES ENGINEERING I	22	33	3
13BJ1A0105	RT32015	TRANSPORTATION ENGINEERING II	19	36	3
13BJ1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	44	3
13BJ1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	43	2
13BJ1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	22	31	3
13BJ1A0106	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
13BJ1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	28	3
13BJ1A0106	RT32014	WATER RESOURCES ENGINEERING I	14	28	3
13BJ1A0106	RT32015	TRANSPORTATION ENGINEERING II	17	52	3
13BJ1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	47	3
13BJ1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	44	2
13BJ1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
13BJ1A0107	RT32012	GEOTECHNICAL ENGINEERING II	18	45	3
13BJ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	36	3
13BJ1A0107	RT32014	WATER RESOURCES ENGINEERING I	22	33	3
13BJ1A0107	RT32015	TRANSPORTATION ENGINEERING II	15	39	3
13BJ1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	35	3
13BJ1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2
13BJ1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	21	10	0
13BJ1A0108	RT32012	GEOTECHNICAL ENGINEERING II	20	13	0
13BJ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	38	3
13BJ1A0108	RT32014	WATER RESOURCES ENGINEERING I	24	28	3
13BJ1A0108	RT32015	TRANSPORTATION ENGINEERING II	17	54	3
13BJ1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	50	3
13BJ1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	44	2
13BJ1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
13BJ1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	22	27	3
13BJ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	16	36	3
13BJ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	30	3
13BJ1A0109	RT32014	WATER RESOURCES ENGINEERING I	22	49	3
13BJ1A0109	RT32015	TRANSPORTATION ENGINEERING II	18	38	3
13BJ1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	51	3
13BJ1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	43	2
13BJ1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	20	27	3
13BJ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	16	10	0
13BJ1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	37	3
13BJ1A0110	RT32014	WATER RESOURCES ENGINEERING I	16	0	0
13BJ1A0110	RT32015	TRANSPORTATION ENGINEERING II	15	11	0
13BJ1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	38	3
13BJ1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	43	2
13BJ1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	13	7	0
13BJ1A0111	RT32012	GEOTECHNICAL ENGINEERING II	18	3	0
13BJ1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	27	3
13BJ1A0111	RT32014	WATER RESOURCES ENGINEERING I	16	17	0
13BJ1A0111	RT32015	TRANSPORTATION ENGINEERING II	14	28	3
13BJ1A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	10	30	3
13BJ1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	43	2
13BJ1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	22	13	0
13BJ1A0112	RT32012	GEOTECHNICAL ENGINEERING II	15	5	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	36	3
13BJ1A0112	RT32014	WATER RESOURCES ENGINEERING I	18	8	0
13BJ1A0112	RT32015	TRANSPORTATION ENGINEERING II	15	49	3
13BJ1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	39	3
13BJ1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	42	2
13BJ1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	20	30	3
13BJ1A0113	RT32012	GEOTECHNICAL ENGINEERING II	18	38	3
13BJ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	15	0
13BJ1A0113	RT32014	WATER RESOURCES ENGINEERING I	22	33	3
13BJ1A0113	RT32015	TRANSPORTATION ENGINEERING II	15	47	3
13BJ1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	36	3
13BJ1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	43	2
13BJ1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	23	5	0
13BJ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	17	15	0
13BJ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
13BJ1A0114	RT32014	WATER RESOURCES ENGINEERING I	18	6	0
13BJ1A0114	RT32015	TRANSPORTATION ENGINEERING II	15	15	0
13BJ1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	13	0
13BJ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	43	2
13BJ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
13BJ1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	23	13	0
13BJ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	22	1	0
13BJ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	11	0
13BJ1A0115	RT32014	WATER RESOURCES ENGINEERING I	17	13	0
13BJ1A0115	RT32015	TRANSPORTATION ENGINEERING II	18	11	0
13BJ1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	20	0
13BJ1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	42	2
13BJ1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	23	24	3
13BJ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	22	25	3
13BJ1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	46	3
13BJ1A0116	RT32014	WATER RESOURCES ENGINEERING I	24	42	3
13BJ1A0116	RT32015	TRANSPORTATION ENGINEERING II	16	54	3
13BJ1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	47	3
13BJ1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	45	2
13BJ1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
13BJ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	20	27	3
13BJ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	17	42	3
13BJ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	35	3
13BJ1A0118	RT32014	WATER RESOURCES ENGINEERING I	17	29	3
13BJ1A0118	RT32015	TRANSPORTATION ENGINEERING II	14	7	0
13BJ1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	27	3
13BJ1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	44	2
13BJ1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0122	RT32011	ENVIRONMENTAL ENGINEERING I	22	31	3
13BJ1A0122	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
13BJ1A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
13BJ1A0122	RT32014	WATER RESOURCES ENGINEERING I	16	12	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0122	RT32015	TRANSPORTATION ENGINEERING II	15	25	3
13BJ1A0122	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	51	3
13BJ1A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2
13BJ1A0122	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	24	27	3
13BJ1A0123	RT32012	GEOTECHNICAL ENGINEERING II	22	13	0
13BJ1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	25	3
13BJ1A0123	RT32014	WATER RESOURCES ENGINEERING I	22	39	3
13BJ1A0123	RT32015	TRANSPORTATION ENGINEERING II	21	40	3
13BJ1A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	36	3
13BJ1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	40	2
13BJ1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	22	40	2
13BJ1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	25	30	3
13BJ1A0124	RT32012	GEOTECHNICAL ENGINEERING II	25	24	3
13BJ1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	26	3
13BJ1A0124	RT32014	WATER RESOURCES ENGINEERING I	25	38	3
13BJ1A0124	RT32015	TRANSPORTATION ENGINEERING II	20	52	3
13BJ1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	47	3
13BJ1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	47	2
13BJ1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
13BJ1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	21	24	3
13BJ1A0125	RT32012	GEOTECHNICAL ENGINEERING II	23	28	3
13BJ1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
13BJ1A0125	RT32014	WATER RESOURCES ENGINEERING I	17	17	0
13BJ1A0125	RT32015	TRANSPORTATION ENGINEERING II	14	10	0
13BJ1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	35	3
13BJ1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	43	2
13BJ1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	24	34	3
13BJ1A0126	RT32012	GEOTECHNICAL ENGINEERING II	23	37	3
13BJ1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	28	3
13BJ1A0126	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
13BJ1A0126	RT32015	TRANSPORTATION ENGINEERING II	21	47	3
13BJ1A0126	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	55	3
13BJ1A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	47	2
13BJ1A0126	RT32018	TRANSPORTATION ENGINEERING LAB	24	45	2
13BJ1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	19	11	0
13BJ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	16	5	0
13BJ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	13	0
13BJ1A0127	RT32014	WATER RESOURCES ENGINEERING I	15	16	0
13BJ1A0127	RT32015	TRANSPORTATION ENGINEERING II	15	9	0
13BJ1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	18	0
13BJ1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	40	2
13BJ1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	23	39	3
13BJ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	23	38	3
13BJ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	37	3
13BJ1A0131	RT32014	WATER RESOURCES ENGINEERING I	25	61	3
13BJ1A0131	RT32015	TRANSPORTATION ENGINEERING II	22	70	3
13BJ1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	46	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	46	2
13BJ1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
13BJ1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	23	29	3
13BJ1A0132	RT32012	GEOTECHNICAL ENGINEERING II	21	32	3
13BJ1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	28	3
13BJ1A0132	RT32014	WATER RESOURCES ENGINEERING I	22	43	3
13BJ1A0132	RT32015	TRANSPORTATION ENGINEERING II	23	24	3
13BJ1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	36	3
13BJ1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	44	2
13BJ1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
13BJ1A0133	RT32011	ENVIRONMENTAL ENGINEERING I	18	24	3
13BJ1A0133	RT32012	GEOTECHNICAL ENGINEERING II	16	2	0
13BJ1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	33	3
13BJ1A0133	RT32014	WATER RESOURCES ENGINEERING I	15	0	0
13BJ1A0133	RT32015	TRANSPORTATION ENGINEERING II	14	13	0
13BJ1A0133	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	48	3
13BJ1A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	40	2
13BJ1A0133	RT32018	TRANSPORTATION ENGINEERING LAB	21	41	2
13BJ1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	20	33	3
13BJ1A0134	RT32012	GEOTECHNICAL ENGINEERING II	19	8	0
13BJ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	14	0
13BJ1A0134	RT32014	WATER RESOURCES ENGINEERING I	21	32	3
13BJ1A0134	RT32015	TRANSPORTATION ENGINEERING II	15	14	0
13BJ1A0134	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	32	3
13BJ1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	40	2
13BJ1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	22	40	2
13BJ1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	23	25	3
13BJ1A0136	RT32012	GEOTECHNICAL ENGINEERING II	21	11	0
13BJ1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	29	3
13BJ1A0136	RT32014	WATER RESOURCES ENGINEERING I	21	40	3
13BJ1A0136	RT32015	TRANSPORTATION ENGINEERING II	19	40	3
13BJ1A0136	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	44	3
13BJ1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	44	2
13BJ1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
13BJ1A0137	RT32011	ENVIRONMENTAL ENGINEERING I	23	29	3
13BJ1A0137	RT32012	GEOTECHNICAL ENGINEERING II	23	32	3
13BJ1A0137	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	25	3
13BJ1A0137	RT32014	WATER RESOURCES ENGINEERING I	23	36	3
13BJ1A0137	RT32015	TRANSPORTATION ENGINEERING II	15	25	3
13BJ1A0137	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	45	3
13BJ1A0137	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	42	2
13BJ1A0137	RT32018	TRANSPORTATION ENGINEERING LAB	23	42	2
13BJ1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	21	30	3
13BJ1A0138	RT32012	GEOTECHNICAL ENGINEERING II	17	10	0
13BJ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	7	0
13BJ1A0138	RT32014	WATER RESOURCES ENGINEERING I	18	2	0
13BJ1A0138	RT32015	TRANSPORTATION ENGINEERING II	15	34	3
13BJ1A0138	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	10	53	3
13BJ1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	40	2
13BJ1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	22	41	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0139	RT32011	ENVIRONMENTAL ENGINEERING I	20	24	3
13BJ1A0139	RT32012	GEOTECHNICAL ENGINEERING II	19	3	0
13BJ1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	24	3
13BJ1A0139	RT32014	WATER RESOURCES ENGINEERING I	23	-1	0
13BJ1A0139	RT32015	TRANSPORTATION ENGINEERING II	17	40	3
13BJ1A0139	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	25	3
13BJ1A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2
13BJ1A0139	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	21	24	3
13BJ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	20	8	0
13BJ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	9	0
13BJ1A0140	RT32014	WATER RESOURCES ENGINEERING I	21	24	3
13BJ1A0140	RT32015	TRANSPORTATION ENGINEERING II	16	39	3
13BJ1A0140	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	39	3
13BJ1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	41	2
13BJ1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	20	24	3
13BJ1A0141	RT32012	GEOTECHNICAL ENGINEERING II	21	29	3
13BJ1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	34	3
13BJ1A0141	RT32014	WATER RESOURCES ENGINEERING I	20	33	3
13BJ1A0141	RT32015	TRANSPORTATION ENGINEERING II	15	12	0
13BJ1A0141	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	36	3
13BJ1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	40	2
13BJ1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	22	40	2
13BJ1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
13BJ1A0142	RT32012	GEOTECHNICAL ENGINEERING II	22	35	3
13BJ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	29	3
13BJ1A0142	RT32014	WATER RESOURCES ENGINEERING I	23	13	0
13BJ1A0142	RT32015	TRANSPORTATION ENGINEERING II	16	42	3
13BJ1A0142	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	57	3
13BJ1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	40	2
13BJ1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	22	40	2
13BJ1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	19	0	0
13BJ1A0143	RT32012	GEOTECHNICAL ENGINEERING II	18	0	0
13BJ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	12	0
13BJ1A0143	RT32014	WATER RESOURCES ENGINEERING I	13	-1	0
13BJ1A0143	RT32015	TRANSPORTATION ENGINEERING II	15	9	0
13BJ1A0143	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	11	0
13BJ1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	46	2
13BJ1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	23	41	2
13BJ1A0144	RT32011	ENVIRONMENTAL ENGINEERING I	24	32	3
13BJ1A0144	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
13BJ1A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	14	0
13BJ1A0144	RT32014	WATER RESOURCES ENGINEERING I	23	53	3
13BJ1A0144	RT32015	TRANSPORTATION ENGINEERING II	23	70	3
13BJ1A0144	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	56	3
13BJ1A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	46	2
13BJ1A0144	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
13BJ1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	18	24	3
13BJ1A0145	RT32012	GEOTECHNICAL ENGINEERING II	14	32	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	28	3
13BJ1A0145	RT32014	WATER RESOURCES ENGINEERING I	14	26	3
13BJ1A0145	RT32015	TRANSPORTATION ENGINEERING II	14	10	0
13BJ1A0145	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	40	3
13BJ1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	-1	0
13BJ1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	21	-1	0
13BJ1A0146	RT32011	ENVIRONMENTAL ENGINEERING I	21	37	3
13BJ1A0146	RT32012	GEOTECHNICAL ENGINEERING II	23	25	3
13BJ1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
13BJ1A0146	RT32014	WATER RESOURCES ENGINEERING I	17	24	3
13BJ1A0146	RT32015	TRANSPORTATION ENGINEERING II	15	42	3
13BJ1A0146	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	10	49	3
13BJ1A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	43	2
13BJ1A0146	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0147	RT32011	ENVIRONMENTAL ENGINEERING I	23	51	3
13BJ1A0147	RT32012	GEOTECHNICAL ENGINEERING II	26	30	3
13BJ1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	41	3
13BJ1A0147	RT32014	WATER RESOURCES ENGINEERING I	26	38	3
13BJ1A0147	RT32015	TRANSPORTATION ENGINEERING II	23	50	3
13BJ1A0147	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	38	3
13BJ1A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	46	2
13BJ1A0147	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
13BJ1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	17	16	0
13BJ1A0148	RT32012	GEOTECHNICAL ENGINEERING II	19	9	0
13BJ1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	36	3
13BJ1A0148	RT32014	WATER RESOURCES ENGINEERING I	18	28	3
13BJ1A0148	RT32015	TRANSPORTATION ENGINEERING II	14	38	3
13BJ1A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	40	3
13BJ1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2
13BJ1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
13BJ1A0149	RT32011	ENVIRONMENTAL ENGINEERING I	20	24	3
13BJ1A0149	RT32012	GEOTECHNICAL ENGINEERING II	15	25	3
13BJ1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	26	3
13BJ1A0149	RT32014	WATER RESOURCES ENGINEERING I	16	18	0
13BJ1A0149	RT32015	TRANSPORTATION ENGINEERING II	14	5	0
13BJ1A0149	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	40	3
13BJ1A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	42	2
13BJ1A0149	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
13BJ1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	18	31	3
13BJ1A0150	RT32012	GEOTECHNICAL ENGINEERING II	14	-1	0
13BJ1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	12	0
13BJ1A0150	RT32014	WATER RESOURCES ENGINEERING I	16	-1	0
13BJ1A0150	RT32015	TRANSPORTATION ENGINEERING II	14	34	3
13BJ1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	55	3
13BJ1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	41	2
13BJ1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	21	41	2
13BJ1A0151	RT32011	ENVIRONMENTAL ENGINEERING I	25	33	3
13BJ1A0151	RT32012	GEOTECHNICAL ENGINEERING II	23	9	0
13BJ1A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	25	3
13BJ1A0151	RT32014	WATER RESOURCES ENGINEERING I	22	38	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0151	RT32015	TRANSPORTATION ENGINEERING II	20	36	3
13BJ1A0151	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	41	3
13BJ1A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	45	2
13BJ1A0151	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
13BJ1A0152	RT32011	ENVIRONMENTAL ENGINEERING I	21	25	3
13BJ1A0152	RT32012	GEOTECHNICAL ENGINEERING II	20	7	0
13BJ1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	28	3
13BJ1A0152	RT32014	WATER RESOURCES ENGINEERING I	18	43	3
13BJ1A0152	RT32015	TRANSPORTATION ENGINEERING II	15	56	3
13BJ1A0152	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	8	44	3
13BJ1A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	40	2
13BJ1A0152	RT32018	TRANSPORTATION ENGINEERING LAB	23	40	2
13BJ1A0153	RT32011	ENVIRONMENTAL ENGINEERING I	21	29	3
13BJ1A0153	RT32012	GEOTECHNICAL ENGINEERING II	18	44	3
13BJ1A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	26	3
13BJ1A0153	RT32014	WATER RESOURCES ENGINEERING I	17	28	3
13BJ1A0153	RT32015	TRANSPORTATION ENGINEERING II	15	25	3
13BJ1A0153	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	50	3
13BJ1A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2
13BJ1A0153	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
13BJ1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	24	3
13BJ1A0201	RT32022	SWITCHGEAR AND PROTECTION	27	36	3
13BJ1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	45	3
13BJ1A0201	RT32024	POWER SYSTEM ANALYSIS	27	35	3
13BJ1A0201	RT32025	MANAGEMENT SCIENCE	20	42	3
13BJ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	24	30	3
13BJ1A0201	RT32027	POWER ELECTRONICS LAB	25	49	2
13BJ1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
13BJ1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	8	0
13BJ1A0202	RT32022	SWITCHGEAR AND PROTECTION	23	60	3
13BJ1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	15	0
13BJ1A0202	RT32024	POWER SYSTEM ANALYSIS	24	51	3
13BJ1A0202	RT32025	MANAGEMENT SCIENCE	24	33	3
13BJ1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	23	44	3
13BJ1A0202	RT32027	POWER ELECTRONICS LAB	25	49	2
13BJ1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
13BJ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	35	3
13BJ1A0204	RT32022	SWITCHGEAR AND PROTECTION	26	55	3
13BJ1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	34	3
13BJ1A0204	RT32024	POWER SYSTEM ANALYSIS	25	39	3
13BJ1A0204	RT32025	MANAGEMENT SCIENCE	23	37	3
13BJ1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	25	39	3
13BJ1A0204	RT32027	POWER ELECTRONICS LAB	25	50	2
13BJ1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
13BJ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
13BJ1A0206	RT32022	SWITCHGEAR AND PROTECTION	21	27	3
13BJ1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
13BJ1A0206	RT32024	POWER SYSTEM ANALYSIS	22	11	0
13BJ1A0206	RT32025	MANAGEMENT SCIENCE	17	10	0
13BJ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	17	0	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0206	RT32027	POWER ELECTRONICS LAB	17	42	2
13BJ1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	24	35	2
13BJ1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	41	3
13BJ1A0207	RT32022	SWITCHGEAR AND PROTECTION	23	60	3
13BJ1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	43	3
13BJ1A0207	RT32024	POWER SYSTEM ANALYSIS	25	24	3
13BJ1A0207	RT32025	MANAGEMENT SCIENCE	21	41	3
13BJ1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
13BJ1A0207	RT32027	POWER ELECTRONICS LAB	21	47	2
13BJ1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
13BJ1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	26	3
13BJ1A0209	RT32022	SWITCHGEAR AND PROTECTION	24	62	3
13BJ1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	11	0
13BJ1A0209	RT32024	POWER SYSTEM ANALYSIS	24	58	3
13BJ1A0209	RT32025	MANAGEMENT SCIENCE	22	40	3
13BJ1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
13BJ1A0209	RT32027	POWER ELECTRONICS LAB	20	42	2
13BJ1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
13BJ1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	18	0
13BJ1A0210	RT32022	SWITCHGEAR AND PROTECTION	19	0	0
13BJ1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	13	0
13BJ1A0210	RT32024	POWER SYSTEM ANALYSIS	25	2	0
13BJ1A0210	RT32025	MANAGEMENT SCIENCE	23	20	0
13BJ1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	12	4	0
13BJ1A0210	RT32027	POWER ELECTRONICS LAB	13	30	2
13BJ1A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	13	30	2
13BJ1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	29	3
13BJ1A0211	RT32022	SWITCHGEAR AND PROTECTION	23	40	3
13BJ1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	24	3
13BJ1A0211	RT32024	POWER SYSTEM ANALYSIS	24	25	3
13BJ1A0211	RT32025	MANAGEMENT SCIENCE	22	27	3
13BJ1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
13BJ1A0211	RT32027	POWER ELECTRONICS LAB	20	44	2
13BJ1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
13BJ1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	6	0
13BJ1A0212	RT32022	SWITCHGEAR AND PROTECTION	23	9	0
13BJ1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	16	0
13BJ1A0212	RT32024	POWER SYSTEM ANALYSIS	21	13	0
13BJ1A0212	RT32025	MANAGEMENT SCIENCE	24	29	3
13BJ1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	22	0	0
13BJ1A0212	RT32027	POWER ELECTRONICS LAB	16	42	2
13BJ1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
13BJ1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	31	3
13BJ1A0214	RT32022	SWITCHGEAR AND PROTECTION	22	44	3
13BJ1A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	35	3
13BJ1A0214	RT32024	POWER SYSTEM ANALYSIS	26	51	3
13BJ1A0214	RT32025	MANAGEMENT SCIENCE	22	43	3
13BJ1A0214	RT32026	POWER SEMICONDUCTOR DRIVES	23	41	3
13BJ1A0214	RT32027	POWER ELECTRONICS LAB	25	46	2
13BJ1A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	11	0
13BJ1A0215	RT32022	SWITCHGEAR AND PROTECTION	20	24	3
13BJ1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	27	3
13BJ1A0215	RT32024	POWER SYSTEM ANALYSIS	21	10	0
13BJ1A0215	RT32025	MANAGEMENT SCIENCE	23	14	0
13BJ1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	18	15	0
13BJ1A0215	RT32027	POWER ELECTRONICS LAB	22	40	2
13BJ1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	22	30	2
13BJ1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	26	3
13BJ1A0218	RT32022	SWITCHGEAR AND PROTECTION	22	12	0
13BJ1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	24	3
13BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	26	11	0
13BJ1A0218	RT32025	MANAGEMENT SCIENCE	17	25	3
13BJ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	18	10	0
13BJ1A0218	RT32027	POWER ELECTRONICS LAB	20	40	2
13BJ1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
13BJ1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	10	0
13BJ1A0220	RT32022	SWITCHGEAR AND PROTECTION	24	33	3
13BJ1A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	40	3
13BJ1A0220	RT32024	POWER SYSTEM ANALYSIS	23	30	3
13BJ1A0220	RT32025	MANAGEMENT SCIENCE	24	33	3
13BJ1A0220	RT32026	POWER SEMICONDUCTOR DRIVES	24	36	3
13BJ1A0220	RT32027	POWER ELECTRONICS LAB	21	42	2
13BJ1A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
13BJ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	8	0
13BJ1A0221	RT32022	SWITCHGEAR AND PROTECTION	22	35	3
13BJ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	5	0
13BJ1A0221	RT32024	POWER SYSTEM ANALYSIS	6	37	3
13BJ1A0221	RT32025	MANAGEMENT SCIENCE	14	26	3
13BJ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	16	3	0
13BJ1A0221	RT32027	POWER ELECTRONICS LAB	13	30	2
13BJ1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	15	38	2
13BJ1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	17	0
13BJ1A0223	RT32022	SWITCHGEAR AND PROTECTION	22	25	3
13BJ1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	36	3
13BJ1A0223	RT32024	POWER SYSTEM ANALYSIS	25	14	0
13BJ1A0223	RT32025	MANAGEMENT SCIENCE	23	32	3
13BJ1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	20	31	3
13BJ1A0223	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	15	35	2
13BJ1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	28	3
13BJ1A0224	RT32022	SWITCHGEAR AND PROTECTION	16	35	3
13BJ1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	25	3
13BJ1A0224	RT32024	POWER SYSTEM ANALYSIS	19	5	0
13BJ1A0224	RT32025	MANAGEMENT SCIENCE	21	24	3
13BJ1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	19	14	0
13BJ1A0224	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	15	28	2
13BJ1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
13BJ1A0225	RT32022	SWITCHGEAR AND PROTECTION	23	53	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	56	3
13BJ1A0225	RT32024	POWER SYSTEM ANALYSIS	24	35	3
13BJ1A0225	RT32025	MANAGEMENT SCIENCE	21	40	3
13BJ1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	23	52	3
13BJ1A0225	RT32027	POWER ELECTRONICS LAB	25	49	2
13BJ1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
13BJ1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	11	0
13BJ1A0226	RT32022	SWITCHGEAR AND PROTECTION	25	36	3
13BJ1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	11	0
13BJ1A0226	RT32024	POWER SYSTEM ANALYSIS	22	38	3
13BJ1A0226	RT32025	MANAGEMENT SCIENCE	22	36	3
13BJ1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	19	10	0
13BJ1A0226	RT32027	POWER ELECTRONICS LAB	18	42	2
13BJ1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	20	43	2
13BJ1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	30	3
13BJ1A0227	RT32022	SWITCHGEAR AND PROTECTION	25	33	3
13BJ1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	28	3
13BJ1A0227	RT32024	POWER SYSTEM ANALYSIS	25	33	3
13BJ1A0227	RT32025	MANAGEMENT SCIENCE	25	29	3
13BJ1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	22	35	3
13BJ1A0227	RT32027	POWER ELECTRONICS LAB	22	48	2
13BJ1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	22	30	2
13BJ1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	35	3
13BJ1A0229	RT32022	SWITCHGEAR AND PROTECTION	12	31	3
13BJ1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	30	3
13BJ1A0229	RT32024	POWER SYSTEM ANALYSIS	18	7	0
13BJ1A0229	RT32025	MANAGEMENT SCIENCE	18	40	3
13BJ1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	22	14	0
13BJ1A0229	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	15	32	2
13BJ1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	15	0
13BJ1A0231	RT32022	SWITCHGEAR AND PROTECTION	22	37	3
13BJ1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	55	3
13BJ1A0231	RT32024	POWER SYSTEM ANALYSIS	21	28	3
13BJ1A0231	RT32025	MANAGEMENT SCIENCE	20	37	3
13BJ1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	22	40	3
13BJ1A0231	RT32027	POWER ELECTRONICS LAB	18	45	2
13BJ1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	20	36	2
13BJ1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	29	3
13BJ1A0232	RT32022	SWITCHGEAR AND PROTECTION	26	46	3
13BJ1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	28	3
13BJ1A0232	RT32024	POWER SYSTEM ANALYSIS	25	70	3
13BJ1A0232	RT32025	MANAGEMENT SCIENCE	21	38	3
13BJ1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	26	55	3
13BJ1A0232	RT32027	POWER ELECTRONICS LAB	25	50	2
13BJ1A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
13BJ1A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	26	3
13BJ1A0233	RT32022	SWITCHGEAR AND PROTECTION	23	24	3
13BJ1A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	33	3
13BJ1A0233	RT32024	POWER SYSTEM ANALYSIS	26	25	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0233	RT32025	MANAGEMENT SCIENCE	23	26	3
13BJ1A0233	RT32026	POWER SEMICONDUCTOR DRIVES	24	36	3
13BJ1A0233	RT32027	POWER ELECTRONICS LAB	19	45	2
13BJ1A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
13BJ1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	7	0	0
13BJ1A0234	RT32022	SWITCHGEAR AND PROTECTION	14	0	0
13BJ1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	0	0
13BJ1A0234	RT32024	POWER SYSTEM ANALYSIS	12	1	0
13BJ1A0234	RT32025	MANAGEMENT SCIENCE	12	0	0
13BJ1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	14	2	0
13BJ1A0234	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	15	35	2
13BJ1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	3	0
13BJ1A0235	RT32022	SWITCHGEAR AND PROTECTION	13	19	0
13BJ1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	17	0
13BJ1A0235	RT32024	POWER SYSTEM ANALYSIS	20	2	0
13BJ1A0235	RT32025	MANAGEMENT SCIENCE	20	25	3
13BJ1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	14	4	0
13BJ1A0235	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	15	34	2
13BJ1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	12	0
13BJ1A0236	RT32022	SWITCHGEAR AND PROTECTION	20	14	0
13BJ1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	12	0
13BJ1A0236	RT32024	POWER SYSTEM ANALYSIS	20	24	3
13BJ1A0236	RT32025	MANAGEMENT SCIENCE	14	30	3
13BJ1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	19	10	0
13BJ1A0236	RT32027	POWER ELECTRONICS LAB	18	41	2
13BJ1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	18	26	2
13BJ1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
13BJ1A0237	RT32022	SWITCHGEAR AND PROTECTION	26	45	3
13BJ1A0237	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	39	3
13BJ1A0237	RT32024	POWER SYSTEM ANALYSIS	27	32	3
13BJ1A0237	RT32025	MANAGEMENT SCIENCE	24	33	3
13BJ1A0237	RT32026	POWER SEMICONDUCTOR DRIVES	21	47	3
13BJ1A0237	RT32027	POWER ELECTRONICS LAB	22	45	2
13BJ1A0237	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
13BJ1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	6	0
13BJ1A0239	RT32022	SWITCHGEAR AND PROTECTION	7	7	0
13BJ1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	0	0
13BJ1A0239	RT32024	POWER SYSTEM ANALYSIS	19	0	0
13BJ1A0239	RT32025	MANAGEMENT SCIENCE	8	19	0
13BJ1A0239	RT32026	POWER SEMICONDUCTOR DRIVES	14	1	0
13BJ1A0239	RT32027	POWER ELECTRONICS LAB	13	-1	0
13BJ1A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	13	-1	0
13BJ1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	13	0
13BJ1A0240	RT32022	SWITCHGEAR AND PROTECTION	24	39	3
13BJ1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	38	3
13BJ1A0240	RT32024	POWER SYSTEM ANALYSIS	24	24	3
13BJ1A0240	RT32025	MANAGEMENT SCIENCE	22	29	3
13BJ1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	22	31	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0240	RT32027	POWER ELECTRONICS LAB	15	30	2
13BJ1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	15	41	2
13BJ1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	9	0
13BJ1A0241	RT32022	SWITCHGEAR AND PROTECTION	20	14	0
13BJ1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	6	0
13BJ1A0241	RT32024	POWER SYSTEM ANALYSIS	17	4	0
13BJ1A0241	RT32025	MANAGEMENT SCIENCE	13	24	0
13BJ1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	15	8	0
13BJ1A0241	RT32027	POWER ELECTRONICS LAB	13	30	2
13BJ1A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	15	33	2
13BJ1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	32	3
13BJ1A0242	RT32022	SWITCHGEAR AND PROTECTION	24	10	0
13BJ1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	41	3
13BJ1A0242	RT32024	POWER SYSTEM ANALYSIS	26	24	3
13BJ1A0242	RT32025	MANAGEMENT SCIENCE	23	35	3
13BJ1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	21	26	3
13BJ1A0242	RT32027	POWER ELECTRONICS LAB	19	42	2
13BJ1A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	21	30	2
13BJ1A0301	RT32031	OPERATIONS RESEARCH	14	7	0
13BJ1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
13BJ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	10	10	0
13BJ1A0301	RT32034	ROBOTICS	18	10	0
13BJ1A0301	RT32035	HEAT TRANSFER	16	4	0
13BJ1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
13BJ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	9	31	3
13BJ1A0301	RT32038	HEAT TRANSFER LAB	16	40	2
13BJ1A0302	RT32031	OPERATIONS RESEARCH	8	0	0
13BJ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	12	0
13BJ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	8	8	0
13BJ1A0302	RT32034	ROBOTICS	13	31	3
13BJ1A0302	RT32035	HEAT TRANSFER	3	17	0
13BJ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	34	3
13BJ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	13	3	0
13BJ1A0302	RT32038	HEAT TRANSFER LAB	21	43	2
13BJ1A0303	RT32031	OPERATIONS RESEARCH	6	-1	0
13BJ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	7	0	0
13BJ1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A0303	RT32034	ROBOTICS	5	-1	0
13BJ1A0303	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	-1	0
13BJ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
13BJ1A0303	RT32038	HEAT TRANSFER LAB	16	-1	0
13BJ1A0304	RT32031	OPERATIONS RESEARCH	10	-1	0
13BJ1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	-1	0
13BJ1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	8	-1	0
13BJ1A0304	RT32034	ROBOTICS	13	-1	0
13BJ1A0304	RT32035	HEAT TRANSFER	24	-1	0
13BJ1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	-1	0
13BJ1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	8	-1	0
13BJ1A0304	RT32038	HEAT TRANSFER LAB	17	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0305	RT32031	OPERATIONS RESEARCH	22	2	0
13BJ1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
13BJ1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	18	13	0
13BJ1A0305	RT32034	ROBOTICS	22	11	0
13BJ1A0305	RT32035	HEAT TRANSFER	21	17	0
13BJ1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	25	3
13BJ1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
13BJ1A0305	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0306	RT32031	OPERATIONS RESEARCH	18	5	0
13BJ1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
13BJ1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
13BJ1A0306	RT32034	ROBOTICS	23	31	3
13BJ1A0306	RT32035	HEAT TRANSFER	24	28	3
13BJ1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	39	3
13BJ1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	24	9	0
13BJ1A0306	RT32038	HEAT TRANSFER LAB	20	-1	0
13BJ1A0307	RT32031	OPERATIONS RESEARCH	21	32	3
13BJ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
13BJ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	19	33	3
13BJ1A0307	RT32034	ROBOTICS	22	31	3
13BJ1A0307	RT32035	HEAT TRANSFER	26	51	3
13BJ1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	29	3
13BJ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	24	40	3
13BJ1A0307	RT32038	HEAT TRANSFER LAB	22	42	2
13BJ1A0308	RT32031	OPERATIONS RESEARCH	20	20	0
13BJ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	7	0
13BJ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	18	15	0
13BJ1A0308	RT32034	ROBOTICS	23	22	0
13BJ1A0308	RT32035	HEAT TRANSFER	23	5	0
13BJ1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	19	0
13BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	24	9	0
13BJ1A0308	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0309	RT32031	OPERATIONS RESEARCH	11	1	0
13BJ1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	13	0
13BJ1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	10	3	0
13BJ1A0309	RT32034	ROBOTICS	11	1	0
13BJ1A0309	RT32035	HEAT TRANSFER	7	1	0
13BJ1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	1	0
13BJ1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	17	13	0
13BJ1A0309	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0310	RT32031	OPERATIONS RESEARCH	14	2	0
13BJ1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
13BJ1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	12	18	0
13BJ1A0310	RT32034	ROBOTICS	20	14	0
13BJ1A0310	RT32035	HEAT TRANSFER	19	24	3
13BJ1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	29	3
13BJ1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	19	3	0
13BJ1A0310	RT32038	HEAT TRANSFER LAB	23	40	2
13BJ1A0312	RT32031	OPERATIONS RESEARCH	16	42	3
13BJ1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	13	18	0
13BJ1A0312	RT32034	ROBOTICS	21	24	3
13BJ1A0312	RT32035	HEAT TRANSFER	22	31	3
13BJ1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	31	3
13BJ1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	20	33	3
13BJ1A0312	RT32038	HEAT TRANSFER LAB	24	48	2
13BJ1A0313	RT32031	OPERATIONS RESEARCH	16	10	0
13BJ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	8	0
13BJ1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	16	13	0
13BJ1A0313	RT32034	ROBOTICS	22	15	0
13BJ1A0313	RT32035	HEAT TRANSFER	21	5	0
13BJ1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	29	3
13BJ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	5	0
13BJ1A0313	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0314	RT32031	OPERATIONS RESEARCH	13	15	0
13BJ1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
13BJ1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	16	30	3
13BJ1A0314	RT32034	ROBOTICS	16	27	3
13BJ1A0314	RT32035	HEAT TRANSFER	22	9	0
13BJ1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	8	0
13BJ1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
13BJ1A0314	RT32038	HEAT TRANSFER LAB	21	45	2
13BJ1A0316	RT32031	OPERATIONS RESEARCH	20	24	3
13BJ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
13BJ1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	18	29	3
13BJ1A0316	RT32034	ROBOTICS	21	28	3
13BJ1A0316	RT32035	HEAT TRANSFER	21	30	3
13BJ1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	40	3
13BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	21	8	0
13BJ1A0316	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0317	RT32031	OPERATIONS RESEARCH	17	2	0
13BJ1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	14	0
13BJ1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	16	8	0
13BJ1A0317	RT32034	ROBOTICS	20	24	3
13BJ1A0317	RT32035	HEAT TRANSFER	22	24	3
13BJ1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	28	3
13BJ1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	20	28	3
13BJ1A0317	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0318	RT32031	OPERATIONS RESEARCH	8	-1	0
13BJ1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	6	0
13BJ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	10	5	0
13BJ1A0318	RT32034	ROBOTICS	9	8	0
13BJ1A0318	RT32035	HEAT TRANSFER	19	4	0
13BJ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	12	0
13BJ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
13BJ1A0318	RT32038	HEAT TRANSFER LAB	20	45	2
13BJ1A0319	RT32031	OPERATIONS RESEARCH	16	27	3
13BJ1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	28	3
13BJ1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	14	26	3
13BJ1A0319	RT32034	ROBOTICS	14	26	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0319	RT32035	HEAT TRANSFER	21	15	0
13BJ1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
13BJ1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	24	30	3
13BJ1A0319	RT32038	HEAT TRANSFER LAB	20	40	2
13BJ1A0320	RT32031	OPERATIONS RESEARCH	9	8	0
13BJ1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	11	0
13BJ1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	0	8	0
13BJ1A0320	RT32034	ROBOTICS	7	15	0
13BJ1A0320	RT32035	HEAT TRANSFER	5	9	0
13BJ1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	7	10	0
13BJ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	7	0	0
13BJ1A0320	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A0321	RT32031	OPERATIONS RESEARCH	19	38	3
13BJ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
13BJ1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	22	45	3
13BJ1A0321	RT32034	ROBOTICS	22	25	3
13BJ1A0321	RT32035	HEAT TRANSFER	22	41	3
13BJ1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
13BJ1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
13BJ1A0321	RT32038	HEAT TRANSFER LAB	20	44	2
13BJ1A0322	RT32031	OPERATIONS RESEARCH	24	35	3
13BJ1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	44	3
13BJ1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	23	41	3
13BJ1A0322	RT32034	ROBOTICS	21	46	3
13BJ1A0322	RT32035	HEAT TRANSFER	22	5	0
13BJ1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	30	3
13BJ1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	24	33	3
13BJ1A0322	RT32038	HEAT TRANSFER LAB	19	45	2
13BJ1A0323	RT32031	OPERATIONS RESEARCH	15	1	0
13BJ1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	30	3
13BJ1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	12	13	0
13BJ1A0323	RT32034	ROBOTICS	19	8	0
13BJ1A0323	RT32035	HEAT TRANSFER	22	15	0
13BJ1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	26	3
13BJ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	19	12	0
13BJ1A0323	RT32038	HEAT TRANSFER LAB	19	42	2
13BJ1A0325	RT32031	OPERATIONS RESEARCH	19	24	3
13BJ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	11	0
13BJ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	15	7	0
13BJ1A0325	RT32034	ROBOTICS	17	24	3
13BJ1A0325	RT32035	HEAT TRANSFER	22	15	0
13BJ1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	36	3
13BJ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	14	5	0
13BJ1A0325	RT32038	HEAT TRANSFER LAB	20	44	2
13BJ1A0326	RT32031	OPERATIONS RESEARCH	18	11	0
13BJ1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	12	0
13BJ1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	13	6	0
13BJ1A0326	RT32034	ROBOTICS	11	11	0
13BJ1A0326	RT32035	HEAT TRANSFER	22	27	3
13BJ1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	28	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	21	15	0
13BJ1A0326	RT32038	HEAT TRANSFER LAB	18	30	2
13BJ1A0327	RT32031	OPERATIONS RESEARCH	16	41	3
13BJ1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	40	3
13BJ1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	14	33	3
13BJ1A0327	RT32034	ROBOTICS	21	42	3
13BJ1A0327	RT32035	HEAT TRANSFER	23	4	0
13BJ1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
13BJ1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	20	30	3
13BJ1A0327	RT32038	HEAT TRANSFER LAB	24	45	2
13BJ1A0328	RT32031	OPERATIONS RESEARCH	20	29	3
13BJ1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	46	3
13BJ1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
13BJ1A0328	RT32034	ROBOTICS	20	32	3
13BJ1A0328	RT32035	HEAT TRANSFER	21	28	3
13BJ1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	11	0
13BJ1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	22	40	3
13BJ1A0328	RT32038	HEAT TRANSFER LAB	20	45	2
13BJ1A0331	RT32031	OPERATIONS RESEARCH	10	1	0
13BJ1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	4	0
13BJ1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	9	-1	0
13BJ1A0331	RT32034	ROBOTICS	9	4	0
13BJ1A0331	RT32035	HEAT TRANSFER	17	4	0
13BJ1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	18	0
13BJ1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	8	0	0
13BJ1A0331	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0332	RT32031	OPERATIONS RESEARCH	20	45	3
13BJ1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	39	3
13BJ1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	21	25	3
13BJ1A0332	RT32034	ROBOTICS	21	25	3
13BJ1A0332	RT32035	HEAT TRANSFER	17	43	3
13BJ1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	38	3
13BJ1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	22	28	3
13BJ1A0332	RT32038	HEAT TRANSFER LAB	22	44	2
13BJ1A0333	RT32031	OPERATIONS RESEARCH	13	11	0
13BJ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
13BJ1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	12	2	0
13BJ1A0333	RT32034	ROBOTICS	18	20	0
13BJ1A0333	RT32035	HEAT TRANSFER	17	1	0
13BJ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	14	0
13BJ1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	19	5	0
13BJ1A0333	RT32038	HEAT TRANSFER LAB	20	42	2
13BJ1A0337	RT32031	OPERATIONS RESEARCH	15	3	0
13BJ1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	26	3
13BJ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	14	17	0
13BJ1A0337	RT32034	ROBOTICS	16	13	0
13BJ1A0337	RT32035	HEAT TRANSFER	22	14	0
13BJ1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
13BJ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	23	16	0
13BJ1A0337	RT32038	HEAT TRANSFER LAB	21	46	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0338	RT32031	OPERATIONS RESEARCH	19	24	3
13BJ1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
13BJ1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	20	37	3
13BJ1A0338	RT32034	ROBOTICS	21	42	3
13BJ1A0338	RT32035	HEAT TRANSFER	23	42	3
13BJ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	46	3
13BJ1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
13BJ1A0338	RT32038	HEAT TRANSFER LAB	23	46	2
13BJ1A0339	RT32031	OPERATIONS RESEARCH	19	31	3
13BJ1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	37	3
13BJ1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
13BJ1A0339	RT32034	ROBOTICS	19	25	3
13BJ1A0339	RT32035	HEAT TRANSFER	22	32	3
13BJ1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	34	3
13BJ1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	21	26	3
13BJ1A0339	RT32038	HEAT TRANSFER LAB	21	46	2
13BJ1A0340	RT32031	OPERATIONS RESEARCH	19	24	3
13BJ1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
13BJ1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	19	12	0
13BJ1A0340	RT32034	ROBOTICS	22	37	3
13BJ1A0340	RT32035	HEAT TRANSFER	21	1	0
13BJ1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
13BJ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
13BJ1A0340	RT32038	HEAT TRANSFER LAB	21	46	2
13BJ1A0341	RT32031	OPERATIONS RESEARCH	9	0	0
13BJ1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	8	32	3
13BJ1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	0	19	0
13BJ1A0341	RT32034	ROBOTICS	14	27	3
13BJ1A0341	RT32035	HEAT TRANSFER	13	9	0
13BJ1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	26	3
13BJ1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	3	11	0
13BJ1A0341	RT32038	HEAT TRANSFER LAB	19	34	2
13BJ1A0342	RT32031	OPERATIONS RESEARCH	5	-1	0
13BJ1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	-1	0
13BJ1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	13	-1	0
13BJ1A0342	RT32034	ROBOTICS	5	-1	0
13BJ1A0342	RT32035	HEAT TRANSFER	21	-1	0
13BJ1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	-1	0
13BJ1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
13BJ1A0342	RT32038	HEAT TRANSFER LAB	19	-1	0
13BJ1A0344	RT32031	OPERATIONS RESEARCH	5	-1	0
13BJ1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	7	-1	0
13BJ1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A0344	RT32034	ROBOTICS	3	-1	0
13BJ1A0344	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
13BJ1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
13BJ1A0344	RT32038	HEAT TRANSFER LAB	17	-1	0
13BJ1A0347	RT32031	OPERATIONS RESEARCH	22	36	3
13BJ1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	23	29	3
13BJ1A0347	RT32034	ROBOTICS	22	51	3
13BJ1A0347	RT32035	HEAT TRANSFER	22	5	0
13BJ1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
13BJ1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	22	13	0
13BJ1A0347	RT32038	HEAT TRANSFER LAB	20	44	2
13BJ1A0348	RT32031	OPERATIONS RESEARCH	13	10	0
13BJ1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	10	0
13BJ1A0348	RT32033	DESIGN OF MACHINE MEMBERS II	14	27	3
13BJ1A0348	RT32034	ROBOTICS	16	27	3
13BJ1A0348	RT32035	HEAT TRANSFER	22	25	3
13BJ1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	2	0
13BJ1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	10	16	0
13BJ1A0348	RT32038	HEAT TRANSFER LAB	19	30	2
13BJ1A0349	RT32031	OPERATIONS RESEARCH	14	11	0
13BJ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	8	0
13BJ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	19	40	3
13BJ1A0349	RT32034	ROBOTICS	18	29	3
13BJ1A0349	RT32035	HEAT TRANSFER	20	9	0
13BJ1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	24	3
13BJ1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
13BJ1A0349	RT32038	HEAT TRANSFER LAB	21	44	2
13BJ1A0350	RT32031	OPERATIONS RESEARCH	16	3	0
13BJ1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	4	0
13BJ1A0350	RT32033	DESIGN OF MACHINE MEMBERS II	13	36	3
13BJ1A0350	RT32034	ROBOTICS	19	14	0
13BJ1A0350	RT32035	HEAT TRANSFER	25	24	3
13BJ1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	14	0
13BJ1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	22	11	0
13BJ1A0350	RT32038	HEAT TRANSFER LAB	21	34	2
13BJ1A0351	RT32031	OPERATIONS RESEARCH	23	33	3
13BJ1A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	41	3
13BJ1A0351	RT32033	DESIGN OF MACHINE MEMBERS II	19	46	3
13BJ1A0351	RT32034	ROBOTICS	22	38	3
13BJ1A0351	RT32035	HEAT TRANSFER	22	7	0
13BJ1A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
13BJ1A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	22	7	0
13BJ1A0351	RT32038	HEAT TRANSFER LAB	24	45	2
13BJ1A0352	RT32031	OPERATIONS RESEARCH	21	16	0
13BJ1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	8	0
13BJ1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	15	19	0
13BJ1A0352	RT32034	ROBOTICS	20	18	0
13BJ1A0352	RT32035	HEAT TRANSFER	25	24	3
13BJ1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
13BJ1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	22	25	3
13BJ1A0352	RT32038	HEAT TRANSFER LAB	20	42	2
13BJ1A0353	RT32031	OPERATIONS RESEARCH	21	10	0
13BJ1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
13BJ1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	18	14	0
13BJ1A0353	RT32034	ROBOTICS	16	38	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0353	RT32035	HEAT TRANSFER	21	14	0
13BJ1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
13BJ1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	21	4	0
13BJ1A0353	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0354	RT32031	OPERATIONS RESEARCH	10	1	0
13BJ1A0354	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	6	0
13BJ1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	9	2	0
13BJ1A0354	RT32034	ROBOTICS	13	7	0
13BJ1A0354	RT32035	HEAT TRANSFER	9	0	0
13BJ1A0354	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	7	3	0
13BJ1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
13BJ1A0354	RT32038	HEAT TRANSFER LAB	21	-1	0
13BJ1A0355	RT32031	OPERATIONS RESEARCH	19	15	0
13BJ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
13BJ1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	10	1	0
13BJ1A0355	RT32034	ROBOTICS	19	5	0
13BJ1A0355	RT32035	HEAT TRANSFER	8	3	0
13BJ1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	17	0
13BJ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	17	5	0
13BJ1A0355	RT32038	HEAT TRANSFER LAB	21	38	2
13BJ1A0356	RT32031	OPERATIONS RESEARCH	12	3	0
13BJ1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	19	0
13BJ1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	10	-1	0
13BJ1A0356	RT32034	ROBOTICS	13	-1	0
13BJ1A0356	RT32035	HEAT TRANSFER	16	5	0
13BJ1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	9	0
13BJ1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	6	12	0
13BJ1A0356	RT32038	HEAT TRANSFER LAB	21	34	2
13BJ1A0357	RT32031	OPERATIONS RESEARCH	15	9	0
13BJ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
13BJ1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	13	28	3
13BJ1A0357	RT32034	ROBOTICS	21	35	3
13BJ1A0357	RT32035	HEAT TRANSFER	16	24	3
13BJ1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	29	3
13BJ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	19	6	0
13BJ1A0357	RT32038	HEAT TRANSFER LAB	22	45	2
13BJ1A0359	RT32031	OPERATIONS RESEARCH	21	42	3
13BJ1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
13BJ1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
13BJ1A0359	RT32034	ROBOTICS	21	16	0
13BJ1A0359	RT32035	HEAT TRANSFER	21	6	0
13BJ1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	28	3
13BJ1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	23	29	3
13BJ1A0359	RT32038	HEAT TRANSFER LAB	21	46	2
13BJ1A0360	RT32031	OPERATIONS RESEARCH	21	30	3
13BJ1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	3	0
13BJ1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	20	28	3
13BJ1A0360	RT32034	ROBOTICS	19	39	3
13BJ1A0360	RT32035	HEAT TRANSFER	22	5	0
13BJ1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	7	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	23	7	0
13BJ1A0360	RT32038	HEAT TRANSFER LAB	22	44	2
13BJ1A0361	RT32031	OPERATIONS RESEARCH	22	31	3
13BJ1A0361	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	44	3
13BJ1A0361	RT32033	DESIGN OF MACHINE MEMBERS II	19	47	3
13BJ1A0361	RT32034	ROBOTICS	20	33	3
13BJ1A0361	RT32035	HEAT TRANSFER	22	16	0
13BJ1A0361	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	29	3
13BJ1A0361	RT32037A	REFRIGERATION & AIR CONDITIONING	20	39	3
13BJ1A0361	RT32038	HEAT TRANSFER LAB	22	40	2
13BJ1A0362	RT32031	OPERATIONS RESEARCH	20	24	3
13BJ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	9	0
13BJ1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	13	11	0
13BJ1A0362	RT32034	ROBOTICS	17	25	3
13BJ1A0362	RT32035	HEAT TRANSFER	18	24	3
13BJ1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
13BJ1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	20	2	0
13BJ1A0362	RT32038	HEAT TRANSFER LAB	22	42	2
13BJ1A0363	RT32031	OPERATIONS RESEARCH	16	10	0
13BJ1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	14	0
13BJ1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	15	12	0
13BJ1A0363	RT32034	ROBOTICS	14	0	0
13BJ1A0363	RT32035	HEAT TRANSFER	18	15	0
13BJ1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	20	0
13BJ1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	14	14	0
13BJ1A0363	RT32038	HEAT TRANSFER LAB	22	42	2
13BJ1A0364	RT32031	OPERATIONS RESEARCH	19	11	0
13BJ1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	15	0
13BJ1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	11	8	0
13BJ1A0364	RT32034	ROBOTICS	17	1	0
13BJ1A0364	RT32035	HEAT TRANSFER	16	1	0
13BJ1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	18	0
13BJ1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	14	3	0
13BJ1A0364	RT32038	HEAT TRANSFER LAB	19	34	2
13BJ1A0366	RT32031	OPERATIONS RESEARCH	14	10	0
13BJ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
13BJ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	12	2	0
13BJ1A0366	RT32034	ROBOTICS	15	11	0
13BJ1A0366	RT32035	HEAT TRANSFER	14	7	0
13BJ1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	9	0
13BJ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	17	15	0
13BJ1A0366	RT32038	HEAT TRANSFER LAB	22	44	2
13BJ1A0367	RT32031	OPERATIONS RESEARCH	14	0	0
13BJ1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	11	0
13BJ1A0367	RT32033	DESIGN OF MACHINE MEMBERS II	12	0	0
13BJ1A0367	RT32034	ROBOTICS	11	38	3
13BJ1A0367	RT32035	HEAT TRANSFER	6	2	0
13BJ1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	34	3
13BJ1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	7	0	0
13BJ1A0367	RT32038	HEAT TRANSFER LAB	17	30	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0369	RT32031	OPERATIONS RESEARCH	19	29	3
13BJ1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	17	0
13BJ1A0369	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
13BJ1A0369	RT32034	ROBOTICS	20	24	3
13BJ1A0369	RT32035	HEAT TRANSFER	17	35	3
13BJ1A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	38	3
13BJ1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
13BJ1A0369	RT32038	HEAT TRANSFER LAB	20	40	2
13BJ1A0370	RT32031	OPERATIONS RESEARCH	8	-1	0
13BJ1A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	-1	0
13BJ1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A0370	RT32034	ROBOTICS	4	-1	0
13BJ1A0370	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
13BJ1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
13BJ1A0370	RT32038	HEAT TRANSFER LAB	18	-1	0
13BJ1A0371	RT32031	OPERATIONS RESEARCH	19	31	3
13BJ1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
13BJ1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	18	25	3
13BJ1A0371	RT32034	ROBOTICS	17	24	3
13BJ1A0371	RT32035	HEAT TRANSFER	23	17	0
13BJ1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	28	3
13BJ1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
13BJ1A0371	RT32038	HEAT TRANSFER LAB	21	38	2
13BJ1A0372	RT32031	OPERATIONS RESEARCH	20	24	3
13BJ1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	13	0
13BJ1A0372	RT32033	DESIGN OF MACHINE MEMBERS II	12	38	3
13BJ1A0372	RT32034	ROBOTICS	16	38	3
13BJ1A0372	RT32035	HEAT TRANSFER	23	29	3
13BJ1A0372	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	6	0
13BJ1A0372	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
13BJ1A0372	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0373	RT32031	OPERATIONS RESEARCH	16	6	0
13BJ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	15	0
13BJ1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	18	8	0
13BJ1A0373	RT32034	ROBOTICS	16	24	3
13BJ1A0373	RT32035	HEAT TRANSFER	17	24	3
13BJ1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	31	3
13BJ1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	10	30	3
13BJ1A0373	RT32038	HEAT TRANSFER LAB	16	-1	0
13BJ1A0374	RT32031	OPERATIONS RESEARCH	16	17	0
13BJ1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	21	0
13BJ1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	11	5	0
13BJ1A0374	RT32034	ROBOTICS	11	24	0
13BJ1A0374	RT32035	HEAT TRANSFER	17	2	0
13BJ1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	19	0
13BJ1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	16	6	0
13BJ1A0374	RT32038	HEAT TRANSFER LAB	21	34	2
13BJ1A0376	RT32031	OPERATIONS RESEARCH	19	15	0
13BJ1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	16	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0376	RT32033	DESIGN OF MACHINE MEMBERS II	18	26	3
13BJ1A0376	RT32034	ROBOTICS	19	25	3
13BJ1A0376	RT32035	HEAT TRANSFER	23	7	0
13BJ1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	28	3
13BJ1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	23	13	0
13BJ1A0376	RT32038	HEAT TRANSFER LAB	21	-1	0
13BJ1A0377	RT32031	OPERATIONS RESEARCH	19	11	0
13BJ1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
13BJ1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	20	34	3
13BJ1A0377	RT32034	ROBOTICS	21	24	3
13BJ1A0377	RT32035	HEAT TRANSFER	21	29	3
13BJ1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	46	3
13BJ1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
13BJ1A0377	RT32038	HEAT TRANSFER LAB	21	44	2
13BJ1A0378	RT32031	OPERATIONS RESEARCH	19	35	3
13BJ1A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	50	3
13BJ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	20	24	3
13BJ1A0378	RT32034	ROBOTICS	21	37	3
13BJ1A0378	RT32035	HEAT TRANSFER	23	38	3
13BJ1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	38	3
13BJ1A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	24	51	3
13BJ1A0378	RT32038	HEAT TRANSFER LAB	20	45	2
13BJ1A0379	RT32031	OPERATIONS RESEARCH	12	-1	0
13BJ1A0379	RT32032	INTERACTIVE COMPUTER GRAPHICS	7	-1	0
13BJ1A0379	RT32033	DESIGN OF MACHINE MEMBERS II	16	-1	0
13BJ1A0379	RT32034	ROBOTICS	3	-1	0
13BJ1A0379	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A0379	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
13BJ1A0379	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
13BJ1A0379	RT32038	HEAT TRANSFER LAB	18	-1	0
13BJ1A0380	RT32031	OPERATIONS RESEARCH	21	24	3
13BJ1A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	-1	0
13BJ1A0380	RT32033	DESIGN OF MACHINE MEMBERS II	18	38	3
13BJ1A0380	RT32034	ROBOTICS	22	41	3
13BJ1A0380	RT32035	HEAT TRANSFER	22	33	3
13BJ1A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	28	3
13BJ1A0380	RT32037A	REFRIGERATION & AIR CONDITIONING	23	32	3
13BJ1A0380	RT32038	HEAT TRANSFER LAB	20	38	2
13BJ1A0381	RT32031	OPERATIONS RESEARCH	19	12	0
13BJ1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
13BJ1A0381	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
13BJ1A0381	RT32034	ROBOTICS	21	36	3
13BJ1A0381	RT32035	HEAT TRANSFER	23	24	3
13BJ1A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	44	3
13BJ1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	23	13	0
13BJ1A0381	RT32038	HEAT TRANSFER LAB	24	36	2
13BJ1A0382	RT32031	OPERATIONS RESEARCH	20	33	3
13BJ1A0382	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
13BJ1A0382	RT32033	DESIGN OF MACHINE MEMBERS II	18	32	3
13BJ1A0382	RT32034	ROBOTICS	19	25	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0382	RT32035	HEAT TRANSFER	23	33	3
13BJ1A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	31	3
13BJ1A0382	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
13BJ1A0382	RT32038	HEAT TRANSFER LAB	21	42	2
13BJ1A0383	RT32031	OPERATIONS RESEARCH	19	24	3
13BJ1A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	31	3
13BJ1A0383	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
13BJ1A0383	RT32034	ROBOTICS	20	25	3
13BJ1A0383	RT32035	HEAT TRANSFER	20	8	0
13BJ1A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	28	3
13BJ1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	15	4	0
13BJ1A0383	RT32038	HEAT TRANSFER LAB	20	40	2
13BJ1A0384	RT32031	OPERATIONS RESEARCH	18	8	0
13BJ1A0384	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
13BJ1A0384	RT32033	DESIGN OF MACHINE MEMBERS II	16	14	0
13BJ1A0384	RT32034	ROBOTICS	19	25	3
13BJ1A0384	RT32035	HEAT TRANSFER	22	28	3
13BJ1A0384	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	28	3
13BJ1A0384	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
13BJ1A0384	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0385	RT32031	OPERATIONS RESEARCH	20	28	3
13BJ1A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	26	3
13BJ1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	16	27	3
13BJ1A0385	RT32034	ROBOTICS	22	35	3
13BJ1A0385	RT32035	HEAT TRANSFER	23	34	3
13BJ1A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	48	3
13BJ1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	23	15	0
13BJ1A0385	RT32038	HEAT TRANSFER LAB	22	44	2
13BJ1A0386	RT32031	OPERATIONS RESEARCH	17	12	0
13BJ1A0386	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
13BJ1A0386	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
13BJ1A0386	RT32034	ROBOTICS	20	15	0
13BJ1A0386	RT32035	HEAT TRANSFER	20	36	3
13BJ1A0386	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	26	3
13BJ1A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	16	16	0
13BJ1A0386	RT32038	HEAT TRANSFER LAB	24	34	2
13BJ1A0387	RT32031	OPERATIONS RESEARCH	19	24	3
13BJ1A0387	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
13BJ1A0387	RT32033	DESIGN OF MACHINE MEMBERS II	16	15	0
13BJ1A0387	RT32034	ROBOTICS	21	25	3
13BJ1A0387	RT32035	HEAT TRANSFER	23	4	0
13BJ1A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	34	3
13BJ1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	22	11	0
13BJ1A0387	RT32038	HEAT TRANSFER LAB	20	42	2
13BJ1A0388	RT32031	OPERATIONS RESEARCH	9	-1	0
13BJ1A0388	RT32032	INTERACTIVE COMPUTER GRAPHICS	8	-1	0
13BJ1A0388	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A0388	RT32034	ROBOTICS	3	-1	0
13BJ1A0388	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A0388	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	2	-1	0
13BJ1A0388	RT32038	HEAT TRANSFER LAB	17	-1	0
13BJ1A0391	RT32031	OPERATIONS RESEARCH	14	13	0
13BJ1A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	25	3
13BJ1A0391	RT32033	DESIGN OF MACHINE MEMBERS II	16	33	3
13BJ1A0391	RT32034	ROBOTICS	19	37	3
13BJ1A0391	RT32035	HEAT TRANSFER	20	36	3
13BJ1A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	40	3
13BJ1A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	23	12	0
13BJ1A0391	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0392	RT32031	OPERATIONS RESEARCH	13	9	0
13BJ1A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
13BJ1A0392	RT32033	DESIGN OF MACHINE MEMBERS II	10	0	0
13BJ1A0392	RT32034	ROBOTICS	11	8	0
13BJ1A0392	RT32035	HEAT TRANSFER	18	3	0
13BJ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	19	0
13BJ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	19	2	0
13BJ1A0392	RT32038	HEAT TRANSFER LAB	20	38	2
13BJ1A0393	RT32031	OPERATIONS RESEARCH	20	16	0
13BJ1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	15	0
13BJ1A0393	RT32033	DESIGN OF MACHINE MEMBERS II	17	4	0
13BJ1A0393	RT32034	ROBOTICS	15	4	0
13BJ1A0393	RT32035	HEAT TRANSFER	18	3	0
13BJ1A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	28	3
13BJ1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	22	4	0
13BJ1A0393	RT32038	HEAT TRANSFER LAB	22	34	2
13BJ1A0394	RT32031	OPERATIONS RESEARCH	15	0	0
13BJ1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
13BJ1A0394	RT32033	DESIGN OF MACHINE MEMBERS II	10	20	0
13BJ1A0394	RT32034	ROBOTICS	15	2	0
13BJ1A0394	RT32035	HEAT TRANSFER	16	9	0
13BJ1A0394	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	6	0
13BJ1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	7	12	0
13BJ1A0394	RT32038	HEAT TRANSFER LAB	23	32	2
13BJ1A0396	RT32031	OPERATIONS RESEARCH	9	13	0
13BJ1A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	25	3
13BJ1A0396	RT32033	DESIGN OF MACHINE MEMBERS II	11	18	0
13BJ1A0396	RT32034	ROBOTICS	18	39	3
13BJ1A0396	RT32035	HEAT TRANSFER	24	8	0
13BJ1A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	43	3
13BJ1A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	17	2	0
13BJ1A0396	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A0397	RT32031	OPERATIONS RESEARCH	11	7	0
13BJ1A0397	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
13BJ1A0397	RT32033	DESIGN OF MACHINE MEMBERS II	13	0	0
13BJ1A0397	RT32034	ROBOTICS	16	1	0
13BJ1A0397	RT32035	HEAT TRANSFER	17	6	0
13BJ1A0397	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	6	0
13BJ1A0397	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
13BJ1A0397	RT32038	HEAT TRANSFER LAB	20	32	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0398	RT32031	OPERATIONS RESEARCH	14	26	3
13BJ1A0398	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
13BJ1A0398	RT32033	DESIGN OF MACHINE MEMBERS II	14	11	0
13BJ1A0398	RT32034	ROBOTICS	23	24	3
13BJ1A0398	RT32035	HEAT TRANSFER	16	5	0
13BJ1A0398	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	31	3
13BJ1A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	23	11	0
13BJ1A0398	RT32038	HEAT TRANSFER LAB	20	44	2
13BJ1A0399	RT32031	OPERATIONS RESEARCH	20	9	0
13BJ1A0399	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
13BJ1A0399	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
13BJ1A0399	RT32034	ROBOTICS	20	24	3
13BJ1A0399	RT32035	HEAT TRANSFER	22	14	0
13BJ1A0399	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	3	0
13BJ1A0399	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
13BJ1A0399	RT32038	HEAT TRANSFER LAB	23	44	2
13BJ1A03A1	RT32031	OPERATIONS RESEARCH	14	6	0
13BJ1A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	8	0
13BJ1A03A1	RT32033	DESIGN OF MACHINE MEMBERS II	12	8	0
13BJ1A03A1	RT32034	ROBOTICS	21	24	3
13BJ1A03A1	RT32035	HEAT TRANSFER	15	25	3
13BJ1A03A1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	38	3
13BJ1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	21	2	0
13BJ1A03A1	RT32038	HEAT TRANSFER LAB	23	32	2
13BJ1A03A3	RT32031	OPERATIONS RESEARCH	15	40	3
13BJ1A03A3	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	45	3
13BJ1A03A3	RT32033	DESIGN OF MACHINE MEMBERS II	18	40	3
13BJ1A03A3	RT32034	ROBOTICS	19	25	3
13BJ1A03A3	RT32035	HEAT TRANSFER	21	54	3
13BJ1A03A3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	35	3
13BJ1A03A3	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
13BJ1A03A3	RT32038	HEAT TRANSFER LAB	22	40	2
13BJ1A03A4	RT32031	OPERATIONS RESEARCH	15	29	3
13BJ1A03A4	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
13BJ1A03A4	RT32033	DESIGN OF MACHINE MEMBERS II	18	16	0
13BJ1A03A4	RT32034	ROBOTICS	17	24	3
13BJ1A03A4	RT32035	HEAT TRANSFER	20	6	0
13BJ1A03A4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	31	3
13BJ1A03A4	RT32037A	REFRIGERATION & AIR CONDITIONING	18	11	0
13BJ1A03A4	RT32038	HEAT TRANSFER LAB	23	40	2
13BJ1A03A5	RT32031	OPERATIONS RESEARCH	20	11	0
13BJ1A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	42	3
13BJ1A03A5	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
13BJ1A03A5	RT32034	ROBOTICS	20	40	3
13BJ1A03A5	RT32035	HEAT TRANSFER	22	31	3
13BJ1A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	32	3
13BJ1A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	25	33	3
13BJ1A03A5	RT32038	HEAT TRANSFER LAB	24	42	2
13BJ1A03A6	RT32031	OPERATIONS RESEARCH	15	1	0
13BJ1A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	14	17	0
13BJ1A03A6	RT32034	ROBOTICS	18	37	3
13BJ1A03A6	RT32035	HEAT TRANSFER	21	13	0
13BJ1A03A6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	34	3
13BJ1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	18	7	0
13BJ1A03A6	RT32038	HEAT TRANSFER LAB	19	36	2
13BJ1A03A7	RT32031	OPERATIONS RESEARCH	11	12	0
13BJ1A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
13BJ1A03A7	RT32033	DESIGN OF MACHINE MEMBERS II	10	2	0
13BJ1A03A7	RT32034	ROBOTICS	14	4	0
13BJ1A03A7	RT32035	HEAT TRANSFER	13	27	3
13BJ1A03A7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
13BJ1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	19	15	0
13BJ1A03A7	RT32038	HEAT TRANSFER LAB	22	34	2
13BJ1A03A8	RT32031	OPERATIONS RESEARCH	22	12	0
13BJ1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	14	0
13BJ1A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	16	6	0
13BJ1A03A8	RT32034	ROBOTICS	23	14	0
13BJ1A03A8	RT32035	HEAT TRANSFER	22	0	0
13BJ1A03A8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	28	3
13BJ1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	21	9	0
13BJ1A03A8	RT32038	HEAT TRANSFER LAB	22	40	2
13BJ1A03A9	RT32031	OPERATIONS RESEARCH	10	3	0
13BJ1A03A9	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	19	0
13BJ1A03A9	RT32033	DESIGN OF MACHINE MEMBERS II	13	10	0
13BJ1A03A9	RT32034	ROBOTICS	13	3	0
13BJ1A03A9	RT32035	HEAT TRANSFER	19	24	3
13BJ1A03A9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	6	0
13BJ1A03A9	RT32037A	REFRIGERATION & AIR CONDITIONING	13	13	0
13BJ1A03A9	RT32038	HEAT TRANSFER LAB	20	32	2
13BJ1A03B0	RT32031	OPERATIONS RESEARCH	21	29	3
13BJ1A03B0	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
13BJ1A03B0	RT32033	DESIGN OF MACHINE MEMBERS II	22	38	3
13BJ1A03B0	RT32034	ROBOTICS	21	39	3
13BJ1A03B0	RT32035	HEAT TRANSFER	22	49	3
13BJ1A03B0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	44	3
13BJ1A03B0	RT32037A	REFRIGERATION & AIR CONDITIONING	23	16	0
13BJ1A03B0	RT32038	HEAT TRANSFER LAB	20	44	2
13BJ1A03B1	RT32031	OPERATIONS RESEARCH	14	29	3
13BJ1A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	13	0
13BJ1A03B1	RT32033	DESIGN OF MACHINE MEMBERS II	15	10	0
13BJ1A03B1	RT32034	ROBOTICS	20	25	3
13BJ1A03B1	RT32035	HEAT TRANSFER	16	24	3
13BJ1A03B1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
13BJ1A03B1	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
13BJ1A03B1	RT32038	HEAT TRANSFER LAB	21	36	2
13BJ1A03B2	RT32031	OPERATIONS RESEARCH	14	17	0
13BJ1A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	8	0
13BJ1A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	14	8	0
13BJ1A03B2	RT32034	ROBOTICS	19	2	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03B2	RT32035	HEAT TRANSFER	15	4	0
13BJ1A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	20	0
13BJ1A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	5	0
13BJ1A03B2	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A03B3	RT32031	OPERATIONS RESEARCH	14	8	0
13BJ1A03B3	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
13BJ1A03B3	RT32033	DESIGN OF MACHINE MEMBERS II	18	28	3
13BJ1A03B3	RT32034	ROBOTICS	15	16	0
13BJ1A03B3	RT32035	HEAT TRANSFER	16	11	0
13BJ1A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	28	3
13BJ1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
13BJ1A03B3	RT32038	HEAT TRANSFER LAB	23	40	2
13BJ1A03B4	RT32031	OPERATIONS RESEARCH	21	28	3
13BJ1A03B4	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	41	3
13BJ1A03B4	RT32033	DESIGN OF MACHINE MEMBERS II	19	46	3
13BJ1A03B4	RT32034	ROBOTICS	23	45	3
13BJ1A03B4	RT32035	HEAT TRANSFER	23	60	3
13BJ1A03B4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	45	3
13BJ1A03B4	RT32037A	REFRIGERATION & AIR CONDITIONING	22	32	3
13BJ1A03B4	RT32038	HEAT TRANSFER LAB	22	42	2
13BJ1A03B6	RT32031	OPERATIONS RESEARCH	17	10	0
13BJ1A03B6	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	33	3
13BJ1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	10	7	0
13BJ1A03B6	RT32034	ROBOTICS	14	15	0
13BJ1A03B6	RT32035	HEAT TRANSFER	5	14	0
13BJ1A03B6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	24	0
13BJ1A03B6	RT32037A	REFRIGERATION & AIR CONDITIONING	21	4	0
13BJ1A03B6	RT32038	HEAT TRANSFER LAB	21	36	2
13BJ1A03B7	RT32031	OPERATIONS RESEARCH	11	19	0
13BJ1A03B7	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	26	3
13BJ1A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	11	5	0
13BJ1A03B7	RT32034	ROBOTICS	17	9	0
13BJ1A03B7	RT32035	HEAT TRANSFER	18	5	0
13BJ1A03B7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
13BJ1A03B7	RT32037A	REFRIGERATION & AIR CONDITIONING	17	7	0
13BJ1A03B7	RT32038	HEAT TRANSFER LAB	21	36	2
13BJ1A03B9	RT32031	OPERATIONS RESEARCH	8	7	0
13BJ1A03B9	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	16	0
13BJ1A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	10	19	0
13BJ1A03B9	RT32034	ROBOTICS	14	6	0
13BJ1A03B9	RT32035	HEAT TRANSFER	16	0	0
13BJ1A03B9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	4	0
13BJ1A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	13	25	0
13BJ1A03B9	RT32038	HEAT TRANSFER LAB	22	36	2
13BJ1A03C0	RT32031	OPERATIONS RESEARCH	10	1	0
13BJ1A03C0	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	3	0
13BJ1A03C0	RT32033	DESIGN OF MACHINE MEMBERS II	13	17	0
13BJ1A03C0	RT32034	ROBOTICS	17	24	3
13BJ1A03C0	RT32035	HEAT TRANSFER	23	11	0
13BJ1A03C0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	27	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03C0	RT32037A	REFRIGERATION & AIR CONDITIONING	11	3	0
13BJ1A03C0	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A03C1	RT32031	OPERATIONS RESEARCH	16	12	0
13BJ1A03C1	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
13BJ1A03C1	RT32033	DESIGN OF MACHINE MEMBERS II	13	28	3
13BJ1A03C1	RT32034	ROBOTICS	18	24	3
13BJ1A03C1	RT32035	HEAT TRANSFER	21	24	3
13BJ1A03C1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
13BJ1A03C1	RT32037A	REFRIGERATION & AIR CONDITIONING	15	6	0
13BJ1A03C1	RT32038	HEAT TRANSFER LAB	22	32	2
13BJ1A03C2	RT32031	OPERATIONS RESEARCH	21	15	0
13BJ1A03C2	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
13BJ1A03C2	RT32033	DESIGN OF MACHINE MEMBERS II	18	9	0
13BJ1A03C2	RT32034	ROBOTICS	20	12	0
13BJ1A03C2	RT32035	HEAT TRANSFER	24	7	0
13BJ1A03C2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	55	3
13BJ1A03C2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	11	0
13BJ1A03C2	RT32038	HEAT TRANSFER LAB	22	42	2
13BJ1A03C3	RT32031	OPERATIONS RESEARCH	16	9	0
13BJ1A03C3	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	47	3
13BJ1A03C3	RT32033	DESIGN OF MACHINE MEMBERS II	10	31	3
13BJ1A03C3	RT32034	ROBOTICS	17	26	3
13BJ1A03C3	RT32035	HEAT TRANSFER	19	30	3
13BJ1A03C3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
13BJ1A03C3	RT32037A	REFRIGERATION & AIR CONDITIONING	16	45	3
13BJ1A03C3	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A03C5	RT32031	OPERATIONS RESEARCH	13	16	0
13BJ1A03C5	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	31	3
13BJ1A03C5	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
13BJ1A03C5	RT32034	ROBOTICS	16	36	3
13BJ1A03C5	RT32035	HEAT TRANSFER	19	31	3
13BJ1A03C5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	40	3
13BJ1A03C5	RT32037A	REFRIGERATION & AIR CONDITIONING	17	8	0
13BJ1A03C5	RT32038	HEAT TRANSFER LAB	21	40	2
13BJ1A03C6	RT32031	OPERATIONS RESEARCH	10	4	0
13BJ1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
13BJ1A03C6	RT32033	DESIGN OF MACHINE MEMBERS II	13	13	0
13BJ1A03C6	RT32034	ROBOTICS	18	10	0
13BJ1A03C6	RT32035	HEAT TRANSFER	14	6	0
13BJ1A03C6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	20	0
13BJ1A03C6	RT32037A	REFRIGERATION & AIR CONDITIONING	16	15	0
13BJ1A03C6	RT32038	HEAT TRANSFER LAB	20	36	2
13BJ1A03C7	RT32031	OPERATIONS RESEARCH	15	21	0
13BJ1A03C7	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
13BJ1A03C7	RT32033	DESIGN OF MACHINE MEMBERS II	13	11	0
13BJ1A03C7	RT32034	ROBOTICS	20	17	0
13BJ1A03C7	RT32035	HEAT TRANSFER	23	3	0
13BJ1A03C7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
13BJ1A03C7	RT32037A	REFRIGERATION & AIR CONDITIONING	23	6	0
13BJ1A03C7	RT32038	HEAT TRANSFER LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03C8	RT32031	OPERATIONS RESEARCH	19	12	0
13BJ1A03C8	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	29	3
13BJ1A03C8	RT32033	DESIGN OF MACHINE MEMBERS II	18	30	3
13BJ1A03C8	RT32034	ROBOTICS	18	24	3
13BJ1A03C8	RT32035	HEAT TRANSFER	21	27	3
13BJ1A03C8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	26	3
13BJ1A03C8	RT32037A	REFRIGERATION & AIR CONDITIONING	20	30	3
13BJ1A03C8	RT32038	HEAT TRANSFER LAB	21	32	2
13BJ1A03C9	RT32031	OPERATIONS RESEARCH	16	6	0
13BJ1A03C9	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
13BJ1A03C9	RT32033	DESIGN OF MACHINE MEMBERS II	13	27	3
13BJ1A03C9	RT32034	ROBOTICS	19	26	3
13BJ1A03C9	RT32035	HEAT TRANSFER	23	29	3
13BJ1A03C9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	48	3
13BJ1A03C9	RT32037A	REFRIGERATION & AIR CONDITIONING	20	9	0
13BJ1A03C9	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A03D2	RT32031	OPERATIONS RESEARCH	5	-1	0
13BJ1A03D2	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	-1	0
13BJ1A03D2	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A03D2	RT32034	ROBOTICS	4	-1	0
13BJ1A03D2	RT32035	HEAT TRANSFER	3	-1	0
13BJ1A03D2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
13BJ1A03D2	RT32037A	REFRIGERATION & AIR CONDITIONING	0	-1	0
13BJ1A03D2	RT32038	HEAT TRANSFER LAB	18	-1	0
13BJ1A03D4	RT32031	OPERATIONS RESEARCH	13	10	0
13BJ1A03D4	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	15	0
13BJ1A03D4	RT32033	DESIGN OF MACHINE MEMBERS II	9	0	0
13BJ1A03D4	RT32034	ROBOTICS	14	9	0
13BJ1A03D4	RT32035	HEAT TRANSFER	21	3	0
13BJ1A03D4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	46	3
13BJ1A03D4	RT32037A	REFRIGERATION & AIR CONDITIONING	15	6	0
13BJ1A03D4	RT32038	HEAT TRANSFER LAB	20	36	2
13BJ1A03D5	RT32031	OPERATIONS RESEARCH	20	24	3
13BJ1A03D5	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
13BJ1A03D5	RT32033	DESIGN OF MACHINE MEMBERS II	16	13	0
13BJ1A03D5	RT32034	ROBOTICS	18	40	3
13BJ1A03D5	RT32035	HEAT TRANSFER	18	10	0
13BJ1A03D5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	28	3
13BJ1A03D5	RT32037A	REFRIGERATION & AIR CONDITIONING	18	28	3
13BJ1A03D5	RT32038	HEAT TRANSFER LAB	23	36	2
13BJ1A03D6	RT32031	OPERATIONS RESEARCH	18	0	0
13BJ1A03D6	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	15	0
13BJ1A03D6	RT32033	DESIGN OF MACHINE MEMBERS II	15	10	0
13BJ1A03D6	RT32034	ROBOTICS	14	26	3
13BJ1A03D6	RT32035	HEAT TRANSFER	19	13	0
13BJ1A03D6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	27	3
13BJ1A03D6	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
13BJ1A03D6	RT32038	HEAT TRANSFER LAB	20	32	2
13BJ1A03D7	RT32031	OPERATIONS RESEARCH	22	28	3
13BJ1A03D7	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	42	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03D7	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
13BJ1A03D7	RT32034	ROBOTICS	18	24	3
13BJ1A03D7	RT32035	HEAT TRANSFER	23	32	3
13BJ1A03D7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	44	3
13BJ1A03D7	RT32037A	REFRIGERATION & AIR CONDITIONING	23	36	3
13BJ1A03D7	RT32038	HEAT TRANSFER LAB	24	36	2
13BJ1A03D8	RT32031	OPERATIONS RESEARCH	13	15	0
13BJ1A03D8	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	2	0
13BJ1A03D8	RT32033	DESIGN OF MACHINE MEMBERS II	11	2	0
13BJ1A03D8	RT32034	ROBOTICS	15	4	0
13BJ1A03D8	RT32035	HEAT TRANSFER	20	1	0
13BJ1A03D8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	30	3
13BJ1A03D8	RT32037A	REFRIGERATION & AIR CONDITIONING	14	6	0
13BJ1A03D8	RT32038	HEAT TRANSFER LAB	22	36	2
13BJ1A03D9	RT32031	OPERATIONS RESEARCH	13	27	3
13BJ1A03D9	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
13BJ1A03D9	RT32033	DESIGN OF MACHINE MEMBERS II	8	17	0
13BJ1A03D9	RT32034	ROBOTICS	3	26	0
13BJ1A03D9	RT32035	HEAT TRANSFER	20	24	3
13BJ1A03D9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
13BJ1A03D9	RT32037A	REFRIGERATION & AIR CONDITIONING	9	33	3
13BJ1A03D9	RT32038	HEAT TRANSFER LAB	20	32	2
13BJ1A03E3	RT32031	OPERATIONS RESEARCH	18	8	0
13BJ1A03E3	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	29	3
13BJ1A03E3	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
13BJ1A03E3	RT32034	ROBOTICS	17	29	3
13BJ1A03E3	RT32035	HEAT TRANSFER	20	30	3
13BJ1A03E3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
13BJ1A03E3	RT32037A	REFRIGERATION & AIR CONDITIONING	20	12	0
13BJ1A03E3	RT32038	HEAT TRANSFER LAB	22	40	2
13BJ1A03E4	RT32031	OPERATIONS RESEARCH	20	13	0
13BJ1A03E4	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
13BJ1A03E4	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
13BJ1A03E4	RT32034	ROBOTICS	16	13	0
13BJ1A03E4	RT32035	HEAT TRANSFER	24	33	3
13BJ1A03E4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	27	3
13BJ1A03E4	RT32037A	REFRIGERATION & AIR CONDITIONING	19	27	3
13BJ1A03E4	RT32038	HEAT TRANSFER LAB	20	38	2
13BJ1A03E6	RT32031	OPERATIONS RESEARCH	17	11	0
13BJ1A03E6	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
13BJ1A03E6	RT32033	DESIGN OF MACHINE MEMBERS II	15	10	0
13BJ1A03E6	RT32034	ROBOTICS	19	32	3
13BJ1A03E6	RT32035	HEAT TRANSFER	18	5	0
13BJ1A03E6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	40	3
13BJ1A03E6	RT32037A	REFRIGERATION & AIR CONDITIONING	19	10	0
13BJ1A03E6	RT32038	HEAT TRANSFER LAB	20	42	2
13BJ1A03E7	RT32031	OPERATIONS RESEARCH	17	35	3
13BJ1A03E7	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	35	3
13BJ1A03E7	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
13BJ1A03E7	RT32034	ROBOTICS	19	26	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03E7	RT32035	HEAT TRANSFER	20	14	0
13BJ1A03E7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
13BJ1A03E7	RT32037A	REFRIGERATION & AIR CONDITIONING	21	38	3
13BJ1A03E7	RT32038	HEAT TRANSFER LAB	24	48	2
13BJ1A03E8	RT32031	OPERATIONS RESEARCH	20	3	0
13BJ1A03E8	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
13BJ1A03E8	RT32033	DESIGN OF MACHINE MEMBERS II	11	14	0
13BJ1A03E8	RT32034	ROBOTICS	17	28	3
13BJ1A03E8	RT32035	HEAT TRANSFER	22	2	0
13BJ1A03E8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	30	3
13BJ1A03E8	RT32037A	REFRIGERATION & AIR CONDITIONING	17	10	0
13BJ1A03E8	RT32038	HEAT TRANSFER LAB	20	40	2
13BJ1A03F0	RT32031	OPERATIONS RESEARCH	11	11	0
13BJ1A03F0	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	15	0
13BJ1A03F0	RT32033	DESIGN OF MACHINE MEMBERS II	11	14	0
13BJ1A03F0	RT32034	ROBOTICS	16	9	0
13BJ1A03F0	RT32035	HEAT TRANSFER	20	25	3
13BJ1A03F0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	13	0
13BJ1A03F0	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
13BJ1A03F0	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A03F1	RT32031	OPERATIONS RESEARCH	11	4	0
13BJ1A03F1	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	5	0
13BJ1A03F1	RT32033	DESIGN OF MACHINE MEMBERS II	8	0	0
13BJ1A03F1	RT32034	ROBOTICS	3	3	0
13BJ1A03F1	RT32035	HEAT TRANSFER	3	0	0
13BJ1A03F1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	4	40	3
13BJ1A03F1	RT32037A	REFRIGERATION & AIR CONDITIONING	0	1	0
13BJ1A03F1	RT32038	HEAT TRANSFER LAB	24	32	2
13BJ1A03F2	RT32031	OPERATIONS RESEARCH	12	0	0
13BJ1A03F2	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	15	0
13BJ1A03F2	RT32033	DESIGN OF MACHINE MEMBERS II	11	10	0
13BJ1A03F2	RT32034	ROBOTICS	16	12	0
13BJ1A03F2	RT32035	HEAT TRANSFER	20	3	0
13BJ1A03F2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	12	0
13BJ1A03F2	RT32037A	REFRIGERATION & AIR CONDITIONING	22	13	0
13BJ1A03F2	RT32038	HEAT TRANSFER LAB	21	34	2
13BJ1A03F3	RT32031	OPERATIONS RESEARCH	16	6	0
13BJ1A03F3	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	13	0
13BJ1A03F3	RT32033	DESIGN OF MACHINE MEMBERS II	16	17	0
13BJ1A03F3	RT32034	ROBOTICS	19	28	3
13BJ1A03F3	RT32035	HEAT TRANSFER	22	34	3
13BJ1A03F3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	42	3
13BJ1A03F3	RT32037A	REFRIGERATION & AIR CONDITIONING	24	4	0
13BJ1A03F3	RT32038	HEAT TRANSFER LAB	22	38	2
13BJ1A03F5	RT32031	OPERATIONS RESEARCH	16	-1	0
13BJ1A03F5	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	-1	0
13BJ1A03F5	RT32033	DESIGN OF MACHINE MEMBERS II	10	-1	0
13BJ1A03F5	RT32034	ROBOTICS	12	12	0
13BJ1A03F5	RT32035	HEAT TRANSFER	20	3	0
13BJ1A03F5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	16	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03F5	RT32037A	REFRIGERATION & AIR CONDITIONING	18	13	0
13BJ1A03F5	RT32038	HEAT TRANSFER LAB	17	36	2
13BJ1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	55	3
13BJ1A0401	RT32042	DIGITAL SIGNAL PROCESSING	26	33	3
13BJ1A0401	RT32043	DIGITAL COMMUNICATIONS	22	54	3
13BJ1A0401	RT32044	MICROWAVE ENGINEERING	22	40	3
13BJ1A0401	RT32045A	BIO MEDICAL ENGINEERING	23	47	3
13BJ1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
13BJ1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
13BJ1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0401	RT32049	SEMINAR	49	0	1
13BJ1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	34	3
13BJ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	26	27	3
13BJ1A0402	RT32043	DIGITAL COMMUNICATIONS	22	36	3
13BJ1A0402	RT32044	MICROWAVE ENGINEERING	19	29	3
13BJ1A0402	RT32045A	BIO MEDICAL ENGINEERING	20	30	3
13BJ1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
13BJ1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0402	RT32049	SEMINAR	47	0	1
13BJ1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	16	0
13BJ1A0403	RT32042	DIGITAL SIGNAL PROCESSING	24	35	3
13BJ1A0403	RT32043	DIGITAL COMMUNICATIONS	22	25	3
13BJ1A0403	RT32044	MICROWAVE ENGINEERING	23	34	3
13BJ1A0403	RT32045A	BIO MEDICAL ENGINEERING	25	39	3
13BJ1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
13BJ1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0403	RT32049	SEMINAR	49	0	1
13BJ1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	36	3
13BJ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	24	29	3
13BJ1A0404	RT32043	DIGITAL COMMUNICATIONS	24	24	3
13BJ1A0404	RT32044	MICROWAVE ENGINEERING	23	33	3
13BJ1A0404	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
13BJ1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0404	RT32049	SEMINAR	49	0	1
13BJ1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	52	3
13BJ1A0405	RT32042	DIGITAL SIGNAL PROCESSING	24	40	3
13BJ1A0405	RT32043	DIGITAL COMMUNICATIONS	22	56	3
13BJ1A0405	RT32044	MICROWAVE ENGINEERING	23	48	3
13BJ1A0405	RT32045A	BIO MEDICAL ENGINEERING	22	48	3
13BJ1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
13BJ1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
13BJ1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0405	RT32049	SEMINAR	48	0	1
13BJ1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	51	3
13BJ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	25	43	3
13BJ1A0406	RT32043	DIGITAL COMMUNICATIONS	24	63	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0406	RT32044	MICROWAVE ENGINEERING	24	44	3
13BJ1A0406	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
13BJ1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0406	RT32049	SEMINAR	50	0	1
13BJ1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	31	3
13BJ1A0409	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
13BJ1A0409	RT32043	DIGITAL COMMUNICATIONS	22	32	3
13BJ1A0409	RT32044	MICROWAVE ENGINEERING	22	41	3
13BJ1A0409	RT32045A	BIO MEDICAL ENGINEERING	23	47	3
13BJ1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
13BJ1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
13BJ1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0409	RT32049	SEMINAR	48	0	1
13BJ1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	15	0
13BJ1A0410	RT32042	DIGITAL SIGNAL PROCESSING	23	10	0
13BJ1A0410	RT32043	DIGITAL COMMUNICATIONS	23	15	0
13BJ1A0410	RT32044	MICROWAVE ENGINEERING	24	29	3
13BJ1A0410	RT32045A	BIO MEDICAL ENGINEERING	20	41	3
13BJ1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
13BJ1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0410	RT32049	SEMINAR	48	0	1
13BJ1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	49	3
13BJ1A0411	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
13BJ1A0411	RT32043	DIGITAL COMMUNICATIONS	23	41	3
13BJ1A0411	RT32044	MICROWAVE ENGINEERING	23	30	3
13BJ1A0411	RT32045A	BIO MEDICAL ENGINEERING	22	47	3
13BJ1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
13BJ1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0411	RT32049	SEMINAR	47	0	1
13BJ1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	45	3
13BJ1A0412	RT32042	DIGITAL SIGNAL PROCESSING	22	13	0
13BJ1A0412	RT32043	DIGITAL COMMUNICATIONS	23	47	3
13BJ1A0412	RT32044	MICROWAVE ENGINEERING	24	31	3
13BJ1A0412	RT32045A	BIO MEDICAL ENGINEERING	19	-1	0
13BJ1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
13BJ1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0412	RT32049	SEMINAR	49	0	1
13BJ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	37	3
13BJ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	24	34	3
13BJ1A0413	RT32043	DIGITAL COMMUNICATIONS	24	44	3
13BJ1A0413	RT32044	MICROWAVE ENGINEERING	24	26	3
13BJ1A0413	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
13BJ1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
13BJ1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0413	RT32049	SEMINAR	48	0	1
13BJ1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	39	3
13BJ1A0414	RT32042	DIGITAL SIGNAL PROCESSING	24	40	3
13BJ1A0414	RT32043	DIGITAL COMMUNICATIONS	22	31	3
13BJ1A0414	RT32044	MICROWAVE ENGINEERING	23	48	3
13BJ1A0414	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
13BJ1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
13BJ1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0414	RT32049	SEMINAR	49	0	1
13BJ1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	28	3
13BJ1A0415	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
13BJ1A0415	RT32043	DIGITAL COMMUNICATIONS	23	30	3
13BJ1A0415	RT32044	MICROWAVE ENGINEERING	24	25	3
13BJ1A0415	RT32045A	BIO MEDICAL ENGINEERING	18	30	3
13BJ1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
13BJ1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
13BJ1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0415	RT32049	SEMINAR	49	0	1
13BJ1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	28	3
13BJ1A0416	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
13BJ1A0416	RT32043	DIGITAL COMMUNICATIONS	23	28	3
13BJ1A0416	RT32044	MICROWAVE ENGINEERING	22	24	3
13BJ1A0416	RT32045A	BIO MEDICAL ENGINEERING	17	6	0
13BJ1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
13BJ1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
13BJ1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0416	RT32049	SEMINAR	46	0	1
13BJ1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	25	3
13BJ1A0417	RT32042	DIGITAL SIGNAL PROCESSING	22	35	3
13BJ1A0417	RT32043	DIGITAL COMMUNICATIONS	23	24	3
13BJ1A0417	RT32044	MICROWAVE ENGINEERING	20	34	3
13BJ1A0417	RT32045A	BIO MEDICAL ENGINEERING	16	35	3
13BJ1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
13BJ1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0417	RT32049	SEMINAR	46	0	1
13BJ1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	37	3
13BJ1A0418	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
13BJ1A0418	RT32043	DIGITAL COMMUNICATIONS	23	6	0
13BJ1A0418	RT32044	MICROWAVE ENGINEERING	22	36	3
13BJ1A0418	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
13BJ1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
13BJ1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
13BJ1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A0418	RT32049	SEMINAR	47	0	1
13BJ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	53	3
13BJ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
13BJ1A0420	RT32043	DIGITAL COMMUNICATIONS	23	56	3
13BJ1A0420	RT32044	MICROWAVE ENGINEERING	24	41	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0420	RT32045A	BIO MEDICAL ENGINEERING	24	42	3
13BJ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0420	RT32049	SEMINAR	49	0	1
13BJ1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	45	3
13BJ1A0421	RT32042	DIGITAL SIGNAL PROCESSING	25	39	3
13BJ1A0421	RT32043	DIGITAL COMMUNICATIONS	21	47	3
13BJ1A0421	RT32044	MICROWAVE ENGINEERING	23	35	3
13BJ1A0421	RT32045A	BIO MEDICAL ENGINEERING	25	40	3
13BJ1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
13BJ1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
13BJ1A0421	RT32049	SEMINAR	48	0	1
13BJ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
13BJ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	23	36	3
13BJ1A0422	RT32043	DIGITAL COMMUNICATIONS	21	28	3
13BJ1A0422	RT32044	MICROWAVE ENGINEERING	23	37	3
13BJ1A0422	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
13BJ1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
13BJ1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
13BJ1A0422	RT32049	SEMINAR	47	0	1
13BJ1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
13BJ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
13BJ1A0423	RT32043	DIGITAL COMMUNICATIONS	22	1	0
13BJ1A0423	RT32044	MICROWAVE ENGINEERING	17	4	0
13BJ1A0423	RT32045A	BIO MEDICAL ENGINEERING	13	4	0
13BJ1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
13BJ1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
13BJ1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
13BJ1A0423	RT32049	SEMINAR	47	0	1
13BJ1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	26	3
13BJ1A0424	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
13BJ1A0424	RT32043	DIGITAL COMMUNICATIONS	20	7	0
13BJ1A0424	RT32044	MICROWAVE ENGINEERING	19	18	0
13BJ1A0424	RT32045A	BIO MEDICAL ENGINEERING	15	27	3
13BJ1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
13BJ1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
13BJ1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A0424	RT32049	SEMINAR	47	0	1
13BJ1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	2	0
13BJ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	22	12	0
13BJ1A0425	RT32043	DIGITAL COMMUNICATIONS	16	0	0
13BJ1A0425	RT32044	MICROWAVE ENGINEERING	20	0	0
13BJ1A0425	RT32045A	BIO MEDICAL ENGINEERING	13	12	0
13BJ1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
13BJ1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	15	44	2
13BJ1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A0425	RT32049	SEMINAR	47	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	20	0
13BJ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	17	25	3
13BJ1A0426	RT32043	DIGITAL COMMUNICATIONS	16	9	0
13BJ1A0426	RT32044	MICROWAVE ENGINEERING	18	34	3
13BJ1A0426	RT32045A	BIO MEDICAL ENGINEERING	14	26	3
13BJ1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
13BJ1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
13BJ1A0426	RT32049	SEMINAR	47	0	1
13BJ1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	13	0
13BJ1A0427	RT32042	DIGITAL SIGNAL PROCESSING	9	3	0
13BJ1A0427	RT32043	DIGITAL COMMUNICATIONS	12	13	0
13BJ1A0427	RT32044	MICROWAVE ENGINEERING	0	11	0
13BJ1A0427	RT32045A	BIO MEDICAL ENGINEERING	14	14	0
13BJ1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	15	30	2
13BJ1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
13BJ1A0427	RT32049	SEMINAR	40	0	1
13BJ1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	38	3
13BJ1A0428	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
13BJ1A0428	RT32043	DIGITAL COMMUNICATIONS	22	34	3
13BJ1A0428	RT32044	MICROWAVE ENGINEERING	21	31	3
13BJ1A0428	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
13BJ1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0428	RT32049	SEMINAR	48	0	1
13BJ1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	47	3
13BJ1A0429	RT32042	DIGITAL SIGNAL PROCESSING	27	28	3
13BJ1A0429	RT32043	DIGITAL COMMUNICATIONS	23	41	3
13BJ1A0429	RT32044	MICROWAVE ENGINEERING	23	31	3
13BJ1A0429	RT32045A	BIO MEDICAL ENGINEERING	21	44	3
13BJ1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
13BJ1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0429	RT32049	SEMINAR	49	0	1
13BJ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
13BJ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
13BJ1A0430	RT32043	DIGITAL COMMUNICATIONS	21	31	3
13BJ1A0430	RT32044	MICROWAVE ENGINEERING	21	37	3
13BJ1A0430	RT32045A	BIO MEDICAL ENGINEERING	23	36	3
13BJ1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
13BJ1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0430	RT32049	SEMINAR	49	0	1
13BJ1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	29	3
13BJ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	24	11	0
13BJ1A0431	RT32043	DIGITAL COMMUNICATIONS	21	12	0
13BJ1A0431	RT32044	MICROWAVE ENGINEERING	20	13	0
13BJ1A0431	RT32045A	BIO MEDICAL ENGINEERING	20	41	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
13BJ1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
13BJ1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0431	RT32049	SEMINAR	48	0	1
13BJ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	46	3
13BJ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
13BJ1A0432	RT32043	DIGITAL COMMUNICATIONS	23	31	3
13BJ1A0432	RT32044	MICROWAVE ENGINEERING	21	26	3
13BJ1A0432	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
13BJ1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
13BJ1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0432	RT32049	SEMINAR	48	0	1
13BJ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	8	0
13BJ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	15	11	0
13BJ1A0433	RT32043	DIGITAL COMMUNICATIONS	15	0	0
13BJ1A0433	RT32044	MICROWAVE ENGINEERING	18	1	0
13BJ1A0433	RT32045A	BIO MEDICAL ENGINEERING	13	0	0
13BJ1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2
13BJ1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0433	RT32049	SEMINAR	47	0	1
13BJ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	20	0
13BJ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
13BJ1A0434	RT32043	DIGITAL COMMUNICATIONS	20	11	0
13BJ1A0434	RT32044	MICROWAVE ENGINEERING	18	24	3
13BJ1A0434	RT32045A	BIO MEDICAL ENGINEERING	15	27	3
13BJ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
13BJ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A0434	RT32049	SEMINAR	44	0	1
13BJ1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	8	0	0
13BJ1A0435	RT32042	DIGITAL SIGNAL PROCESSING	12	0	0
13BJ1A0435	RT32043	DIGITAL COMMUNICATIONS	16	0	0
13BJ1A0435	RT32044	MICROWAVE ENGINEERING	8	0	0
13BJ1A0435	RT32045A	BIO MEDICAL ENGINEERING	0	3	0
13BJ1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	40	2
13BJ1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	14	30	2
13BJ1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	46	2
13BJ1A0435	RT32049	SEMINAR	40	0	1
13BJ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	32	3
13BJ1A0436	RT32042	DIGITAL SIGNAL PROCESSING	17	0	0
13BJ1A0436	RT32043	DIGITAL COMMUNICATIONS	15	30	3
13BJ1A0436	RT32044	MICROWAVE ENGINEERING	16	14	0
13BJ1A0436	RT32045A	BIO MEDICAL ENGINEERING	18	33	3
13BJ1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	20	30	2
13BJ1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A0436	RT32049	SEMINAR	46	0	1
13BJ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	28	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0437	RT32042	DIGITAL SIGNAL PROCESSING	18	10	0
13BJ1A0437	RT32043	DIGITAL COMMUNICATIONS	20	2	0
13BJ1A0437	RT32044	MICROWAVE ENGINEERING	17	5	0
13BJ1A0437	RT32045A	BIO MEDICAL ENGINEERING	19	10	0
13BJ1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
13BJ1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
13BJ1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0437	RT32049	SEMINAR	47	0	1
13BJ1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	6	2	0
13BJ1A0438	RT32042	DIGITAL SIGNAL PROCESSING	0	25	0
13BJ1A0438	RT32043	DIGITAL COMMUNICATIONS	6	3	0
13BJ1A0438	RT32044	MICROWAVE ENGINEERING	0	3	0
13BJ1A0438	RT32045A	BIO MEDICAL ENGINEERING	0	7	0
13BJ1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	20	30	2
13BJ1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
13BJ1A0438	RT32049	SEMINAR	40	0	1
13BJ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
13BJ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	25	15	0
13BJ1A0439	RT32043	DIGITAL COMMUNICATIONS	24	12	0
13BJ1A0439	RT32044	MICROWAVE ENGINEERING	20	34	3
13BJ1A0439	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
13BJ1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
13BJ1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0439	RT32049	SEMINAR	49	0	1
13BJ1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	42	3
13BJ1A0440	RT32042	DIGITAL SIGNAL PROCESSING	21	27	3
13BJ1A0440	RT32043	DIGITAL COMMUNICATIONS	20	32	3
13BJ1A0440	RT32044	MICROWAVE ENGINEERING	19	33	3
13BJ1A0440	RT32045A	BIO MEDICAL ENGINEERING	19	32	3
13BJ1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
13BJ1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2
13BJ1A0440	RT32049	SEMINAR	48	0	1
13BJ1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	5	0
13BJ1A0442	RT32042	DIGITAL SIGNAL PROCESSING	0	3	0
13BJ1A0442	RT32043	DIGITAL COMMUNICATIONS	9	7	0
13BJ1A0442	RT32044	MICROWAVE ENGINEERING	0	0	0
13BJ1A0442	RT32045A	BIO MEDICAL ENGINEERING	8	8	0
13BJ1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
13BJ1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	13	-1	0
13BJ1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
13BJ1A0442	RT32049	SEMINAR	40	0	1
13BJ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	5	0
13BJ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
13BJ1A0443	RT32043	DIGITAL COMMUNICATIONS	22	0	0
13BJ1A0443	RT32044	MICROWAVE ENGINEERING	20	31	3
13BJ1A0443	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
13BJ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
13BJ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
13BJ1A0443	RT32049	SEMINAR	47	0	1
13BJ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	11	0
13BJ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	14	7	0
13BJ1A0445	RT32043	DIGITAL COMMUNICATIONS	21	7	0
13BJ1A0445	RT32044	MICROWAVE ENGINEERING	20	31	3
13BJ1A0445	RT32045A	BIO MEDICAL ENGINEERING	15	29	3
13BJ1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	42	2
13BJ1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
13BJ1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0445	RT32049	SEMINAR	47	0	1
13BJ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	19	0
13BJ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	13	16	0
13BJ1A0446	RT32043	DIGITAL COMMUNICATIONS	20	24	3
13BJ1A0446	RT32044	MICROWAVE ENGINEERING	18	24	3
13BJ1A0446	RT32045A	BIO MEDICAL ENGINEERING	24	30	3
13BJ1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
13BJ1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
13BJ1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
13BJ1A0446	RT32049	SEMINAR	44	0	1
13BJ1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	-1	0
13BJ1A0447	RT32042	DIGITAL SIGNAL PROCESSING	10	-1	0
13BJ1A0447	RT32043	DIGITAL COMMUNICATIONS	8	-1	0
13BJ1A0447	RT32044	MICROWAVE ENGINEERING	18	-1	0
13BJ1A0447	RT32045A	BIO MEDICAL ENGINEERING	0	-1	0
13BJ1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
13BJ1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	13	-1	0
13BJ1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
13BJ1A0447	RT32049	SEMINAR	40	0	1
13BJ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	9	0
13BJ1A0448	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
13BJ1A0448	RT32043	DIGITAL COMMUNICATIONS	19	17	0
13BJ1A0448	RT32044	MICROWAVE ENGINEERING	17	34	3
13BJ1A0448	RT32045A	BIO MEDICAL ENGINEERING	13	27	3
13BJ1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
13BJ1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
13BJ1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
13BJ1A0448	RT32049	SEMINAR	44	0	1
13BJ1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	13	0
13BJ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	20	13	0
13BJ1A0449	RT32043	DIGITAL COMMUNICATIONS	22	4	0
13BJ1A0449	RT32044	MICROWAVE ENGINEERING	19	9	0
13BJ1A0449	RT32045A	BIO MEDICAL ENGINEERING	18	40	3
13BJ1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
13BJ1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0449	RT32049	SEMINAR	44	0	1
13BJ1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	26	3
13BJ1A0450	RT32042	DIGITAL SIGNAL PROCESSING	18	27	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0450	RT32043	DIGITAL COMMUNICATIONS	15	33	3
13BJ1A0450	RT32044	MICROWAVE ENGINEERING	17	29	3
13BJ1A0450	RT32045A	BIO MEDICAL ENGINEERING	18	30	3
13BJ1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
13BJ1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
13BJ1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0450	RT32049	SEMINAR	48	0	1
13BJ1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	8	0
13BJ1A0451	RT32042	DIGITAL SIGNAL PROCESSING	19	4	0
13BJ1A0451	RT32043	DIGITAL COMMUNICATIONS	20	3	0
13BJ1A0451	RT32044	MICROWAVE ENGINEERING	16	2	0
13BJ1A0451	RT32045A	BIO MEDICAL ENGINEERING	12	9	0
13BJ1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
13BJ1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0451	RT32049	SEMINAR	47	0	1
13BJ1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	44	3
13BJ1A0453	RT32042	DIGITAL SIGNAL PROCESSING	27	46	3
13BJ1A0453	RT32043	DIGITAL COMMUNICATIONS	23	53	3
13BJ1A0453	RT32044	MICROWAVE ENGINEERING	25	55	3
13BJ1A0453	RT32045A	BIO MEDICAL ENGINEERING	26	47	3
13BJ1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0453	RT32049	SEMINAR	50	0	1
13BJ1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	7	0
13BJ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	23	6	0
13BJ1A0454	RT32043	DIGITAL COMMUNICATIONS	22	5	0
13BJ1A0454	RT32044	MICROWAVE ENGINEERING	23	12	0
13BJ1A0454	RT32045A	BIO MEDICAL ENGINEERING	19	53	3
13BJ1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
13BJ1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0454	RT32049	SEMINAR	48	0	1
13BJ1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	27	3
13BJ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	22	15	0
13BJ1A0456	RT32043	DIGITAL COMMUNICATIONS	19	30	3
13BJ1A0456	RT32044	MICROWAVE ENGINEERING	21	28	3
13BJ1A0456	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
13BJ1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
13BJ1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
13BJ1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0456	RT32049	SEMINAR	48	0	1
13BJ1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	29	3
13BJ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
13BJ1A0457	RT32043	DIGITAL COMMUNICATIONS	21	10	0
13BJ1A0457	RT32044	MICROWAVE ENGINEERING	17	5	0
13BJ1A0457	RT32045A	BIO MEDICAL ENGINEERING	21	5	0
13BJ1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0457	RT32049	SEMINAR	47	0	1
13BJ1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	49	3
13BJ1A0458	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
13BJ1A0458	RT32043	DIGITAL COMMUNICATIONS	25	53	3
13BJ1A0458	RT32044	MICROWAVE ENGINEERING	23	58	3
13BJ1A0458	RT32045A	BIO MEDICAL ENGINEERING	27	62	3
13BJ1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0458	RT32049	SEMINAR	48	0	1
13BJ1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
13BJ1A0459	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
13BJ1A0459	RT32043	DIGITAL COMMUNICATIONS	23	24	3
13BJ1A0459	RT32044	MICROWAVE ENGINEERING	22	30	3
13BJ1A0459	RT32045A	BIO MEDICAL ENGINEERING	20	39	3
13BJ1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
13BJ1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0459	RT32049	SEMINAR	49	0	1
13BJ1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	49	3
13BJ1A0460	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
13BJ1A0460	RT32043	DIGITAL COMMUNICATIONS	23	51	3
13BJ1A0460	RT32044	MICROWAVE ENGINEERING	22	35	3
13BJ1A0460	RT32045A	BIO MEDICAL ENGINEERING	21	44	3
13BJ1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
13BJ1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A0460	RT32049	SEMINAR	49	0	1
13BJ1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	40	3
13BJ1A0462	RT32042	DIGITAL SIGNAL PROCESSING	23	27	3
13BJ1A0462	RT32043	DIGITAL COMMUNICATIONS	22	36	3
13BJ1A0462	RT32044	MICROWAVE ENGINEERING	21	8	0
13BJ1A0462	RT32045A	BIO MEDICAL ENGINEERING	22	16	0
13BJ1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
13BJ1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0462	RT32049	SEMINAR	48	0	1
13BJ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	39	3
13BJ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3
13BJ1A0463	RT32043	DIGITAL COMMUNICATIONS	23	42	3
13BJ1A0463	RT32044	MICROWAVE ENGINEERING	24	44	3
13BJ1A0463	RT32045A	BIO MEDICAL ENGINEERING	27	31	3
13BJ1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
13BJ1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0463	RT32049	SEMINAR	49	0	1
13BJ1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	38	3
13BJ1A0464	RT32042	DIGITAL SIGNAL PROCESSING	24	15	0
13BJ1A0464	RT32043	DIGITAL COMMUNICATIONS	24	24	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0464	RT32044	MICROWAVE ENGINEERING	24	43	3
13BJ1A0464	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
13BJ1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
13BJ1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0464	RT32049	SEMINAR	48	0	1
13BJ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	50	3
13BJ1A0465	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
13BJ1A0465	RT32043	DIGITAL COMMUNICATIONS	24	50	3
13BJ1A0465	RT32044	MICROWAVE ENGINEERING	23	25	3
13BJ1A0465	RT32045A	BIO MEDICAL ENGINEERING	23	49	3
13BJ1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
13BJ1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0465	RT32049	SEMINAR	49	0	1
13BJ1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	58	3
13BJ1A0466	RT32042	DIGITAL SIGNAL PROCESSING	28	49	3
13BJ1A0466	RT32043	DIGITAL COMMUNICATIONS	25	69	3
13BJ1A0466	RT32044	MICROWAVE ENGINEERING	26	37	3
13BJ1A0466	RT32045A	BIO MEDICAL ENGINEERING	27	48	3
13BJ1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0466	RT32049	SEMINAR	50	0	1
13BJ1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	40	3
13BJ1A0467	RT32042	DIGITAL SIGNAL PROCESSING	25	39	3
13BJ1A0467	RT32043	DIGITAL COMMUNICATIONS	25	53	3
13BJ1A0467	RT32044	MICROWAVE ENGINEERING	28	49	3
13BJ1A0467	RT32045A	BIO MEDICAL ENGINEERING	26	54	3
13BJ1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0467	RT32049	SEMINAR	50	0	1
13BJ1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
13BJ1A0468	RT32042	DIGITAL SIGNAL PROCESSING	24	15	0
13BJ1A0468	RT32043	DIGITAL COMMUNICATIONS	22	9	0
13BJ1A0468	RT32044	MICROWAVE ENGINEERING	26	37	3
13BJ1A0468	RT32045A	BIO MEDICAL ENGINEERING	17	42	3
13BJ1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0468	RT32049	SEMINAR	48	0	1
13BJ1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	60	3
13BJ1A0469	RT32042	DIGITAL SIGNAL PROCESSING	26	29	3
13BJ1A0469	RT32043	DIGITAL COMMUNICATIONS	23	66	3
13BJ1A0469	RT32044	MICROWAVE ENGINEERING	25	31	3
13BJ1A0469	RT32045A	BIO MEDICAL ENGINEERING	26	48	3
13BJ1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
13BJ1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
13BJ1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0469	RT32049	SEMINAR	49	0	1
13BJ1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	42	3
13BJ1A0470	RT32042	DIGITAL SIGNAL PROCESSING	24	4	0
13BJ1A0470	RT32043	DIGITAL COMMUNICATIONS	23	36	3
13BJ1A0470	RT32044	MICROWAVE ENGINEERING	23	2	0
13BJ1A0470	RT32045A	BIO MEDICAL ENGINEERING	25	28	3
13BJ1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
13BJ1A0470	RT32049	SEMINAR	48	0	1
13BJ1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	46	3
13BJ1A0471	RT32042	DIGITAL SIGNAL PROCESSING	24	50	3
13BJ1A0471	RT32043	DIGITAL COMMUNICATIONS	24	37	3
13BJ1A0471	RT32044	MICROWAVE ENGINEERING	24	42	3
13BJ1A0471	RT32045A	BIO MEDICAL ENGINEERING	23	55	3
13BJ1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
13BJ1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0471	RT32049	SEMINAR	48	0	1
13BJ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
13BJ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	23	34	3
13BJ1A0473	RT32043	DIGITAL COMMUNICATIONS	22	30	3
13BJ1A0473	RT32044	MICROWAVE ENGINEERING	24	12	0
13BJ1A0473	RT32045A	BIO MEDICAL ENGINEERING	22	45	3
13BJ1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0473	RT32049	SEMINAR	49	0	1
13BJ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	15	0
13BJ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	16	10	0
13BJ1A0475	RT32043	DIGITAL COMMUNICATIONS	24	11	0
13BJ1A0475	RT32044	MICROWAVE ENGINEERING	16	24	3
13BJ1A0475	RT32045A	BIO MEDICAL ENGINEERING	13	36	3
13BJ1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
13BJ1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
13BJ1A0475	RT32049	SEMINAR	47	0	1
13BJ1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	31	3
13BJ1A0476	RT32042	DIGITAL SIGNAL PROCESSING	21	15	0
13BJ1A0476	RT32043	DIGITAL COMMUNICATIONS	24	27	3
13BJ1A0476	RT32044	MICROWAVE ENGINEERING	22	2	0
13BJ1A0476	RT32045A	BIO MEDICAL ENGINEERING	15	16	0
13BJ1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
13BJ1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
13BJ1A0476	RT32049	SEMINAR	47	0	1
13BJ1A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	38	3
13BJ1A0477	RT32042	DIGITAL SIGNAL PROCESSING	24	56	3
13BJ1A0477	RT32043	DIGITAL COMMUNICATIONS	24	25	3
13BJ1A0477	RT32044	MICROWAVE ENGINEERING	23	40	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0477	RT32045A	BIO MEDICAL ENGINEERING	26	33	3
13BJ1A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0477	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0477	RT32049	SEMINAR	48	0	1
13BJ1A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	34	3
13BJ1A0478	RT32042	DIGITAL SIGNAL PROCESSING	24	33	3
13BJ1A0478	RT32043	DIGITAL COMMUNICATIONS	25	24	3
13BJ1A0478	RT32044	MICROWAVE ENGINEERING	22	43	3
13BJ1A0478	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
13BJ1A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
13BJ1A0478	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
13BJ1A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0478	RT32049	SEMINAR	48	0	1
13BJ1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3
13BJ1A0479	RT32042	DIGITAL SIGNAL PROCESSING	27	30	3
13BJ1A0479	RT32043	DIGITAL COMMUNICATIONS	24	51	3
13BJ1A0479	RT32044	MICROWAVE ENGINEERING	24	32	3
13BJ1A0479	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
13BJ1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0479	RT32049	SEMINAR	50	0	1
13BJ1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	49	3
13BJ1A0480	RT32042	DIGITAL SIGNAL PROCESSING	24	38	3
13BJ1A0480	RT32043	DIGITAL COMMUNICATIONS	24	60	3
13BJ1A0480	RT32044	MICROWAVE ENGINEERING	23	30	3
13BJ1A0480	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
13BJ1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
13BJ1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0480	RT32049	SEMINAR	49	0	1
13BJ1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	16	0
13BJ1A0481	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
13BJ1A0481	RT32043	DIGITAL COMMUNICATIONS	23	27	3
13BJ1A0481	RT32044	MICROWAVE ENGINEERING	23	38	3
13BJ1A0481	RT32045A	BIO MEDICAL ENGINEERING	19	26	3
13BJ1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
13BJ1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
13BJ1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0481	RT32049	SEMINAR	48	0	1
13BJ1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	26	3
13BJ1A0483	RT32042	DIGITAL SIGNAL PROCESSING	23	7	0
13BJ1A0483	RT32043	DIGITAL COMMUNICATIONS	20	3	0
13BJ1A0483	RT32044	MICROWAVE ENGINEERING	18	9	0
13BJ1A0483	RT32045A	BIO MEDICAL ENGINEERING	19	38	3
13BJ1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
13BJ1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A0483	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	53	3
13BJ1A0484	RT32042	DIGITAL SIGNAL PROCESSING	24	32	3
13BJ1A0484	RT32043	DIGITAL COMMUNICATIONS	24	59	3
13BJ1A0484	RT32044	MICROWAVE ENGINEERING	24	36	3
13BJ1A0484	RT32045A	BIO MEDICAL ENGINEERING	23	42	3
13BJ1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
13BJ1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
13BJ1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A0484	RT32049	SEMINAR	47	0	1
13BJ1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
13BJ1A0485	RT32042	DIGITAL SIGNAL PROCESSING	26	26	3
13BJ1A0485	RT32043	DIGITAL COMMUNICATIONS	25	58	3
13BJ1A0485	RT32044	MICROWAVE ENGINEERING	24	24	3
13BJ1A0485	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
13BJ1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0485	RT32049	SEMINAR	48	0	1
13BJ1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	7	0
13BJ1A0486	RT32042	DIGITAL SIGNAL PROCESSING	21	29	3
13BJ1A0486	RT32043	DIGITAL COMMUNICATIONS	19	17	0
13BJ1A0486	RT32044	MICROWAVE ENGINEERING	22	11	0
13BJ1A0486	RT32045A	BIO MEDICAL ENGINEERING	11	18	0
13BJ1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	20	30	2
13BJ1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
13BJ1A0486	RT32049	SEMINAR	44	0	1
13BJ1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	8	0
13BJ1A0487	RT32042	DIGITAL SIGNAL PROCESSING	20	8	0
13BJ1A0487	RT32043	DIGITAL COMMUNICATIONS	20	6	0
13BJ1A0487	RT32044	MICROWAVE ENGINEERING	16	10	0
13BJ1A0487	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
13BJ1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
13BJ1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
13BJ1A0487	RT32049	SEMINAR	48	0	1
13BJ1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	47	3
13BJ1A0492	RT32042	DIGITAL SIGNAL PROCESSING	20	29	3
13BJ1A0492	RT32043	DIGITAL COMMUNICATIONS	22	44	3
13BJ1A0492	RT32044	MICROWAVE ENGINEERING	19	38	3
13BJ1A0492	RT32045A	BIO MEDICAL ENGINEERING	21	37	3
13BJ1A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
13BJ1A0492	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
13BJ1A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0492	RT32049	SEMINAR	48	0	1
13BJ1A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
13BJ1A0493	RT32042	DIGITAL SIGNAL PROCESSING	20	27	3
13BJ1A0493	RT32043	DIGITAL COMMUNICATIONS	23	64	3
13BJ1A0493	RT32044	MICROWAVE ENGINEERING	21	8	0
13BJ1A0493	RT32045A	BIO MEDICAL ENGINEERING	23	24	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
13BJ1A0493	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
13BJ1A0493	RT32049	SEMINAR	49	0	1
13BJ1A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	2	0
13BJ1A0494	RT32042	DIGITAL SIGNAL PROCESSING	14	26	3
13BJ1A0494	RT32043	DIGITAL COMMUNICATIONS	23	9	0
13BJ1A0494	RT32044	MICROWAVE ENGINEERING	18	15	0
13BJ1A0494	RT32045A	BIO MEDICAL ENGINEERING	15	19	0
13BJ1A0494	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
13BJ1A0494	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0494	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
13BJ1A0494	RT32049	SEMINAR	48	0	1
13BJ1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	8	0
13BJ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	19	6	0
13BJ1A0495	RT32043	DIGITAL COMMUNICATIONS	20	0	0
13BJ1A0495	RT32044	MICROWAVE ENGINEERING	17	0	0
13BJ1A0495	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
13BJ1A0495	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A0495	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A0495	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A0495	RT32049	SEMINAR	46	0	1
13BJ1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	59	3
13BJ1A0496	RT32042	DIGITAL SIGNAL PROCESSING	25	30	3
13BJ1A0496	RT32043	DIGITAL COMMUNICATIONS	26	39	3
13BJ1A0496	RT32044	MICROWAVE ENGINEERING	25	34	3
13BJ1A0496	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
13BJ1A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
13BJ1A0496	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A0496	RT32049	SEMINAR	50	0	1
13BJ1A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	11	0
13BJ1A0497	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
13BJ1A0497	RT32043	DIGITAL COMMUNICATIONS	13	0	0
13BJ1A0497	RT32044	MICROWAVE ENGINEERING	17	2	0
13BJ1A0497	RT32045A	BIO MEDICAL ENGINEERING	0	0	0
13BJ1A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A0497	RT32047	DIGITAL COMMUNICATIONS LAB	14	30	2
13BJ1A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A0497	RT32049	SEMINAR	44	0	1
13BJ1A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
13BJ1A0498	RT32042	DIGITAL SIGNAL PROCESSING	15	4	0
13BJ1A0498	RT32043	DIGITAL COMMUNICATIONS	18	0	0
13BJ1A0498	RT32044	MICROWAVE ENGINEERING	14	0	0
13BJ1A0498	RT32045A	BIO MEDICAL ENGINEERING	0	4	0
13BJ1A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	39	2
13BJ1A0498	RT32047	DIGITAL COMMUNICATIONS LAB	14	30	2
13BJ1A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A0498	RT32049	SEMINAR	40	0	1
13BJ1A0499	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0499	RT32042	DIGITAL SIGNAL PROCESSING	25	30	3
13BJ1A0499	RT32043	DIGITAL COMMUNICATIONS	23	24	3
13BJ1A0499	RT32044	MICROWAVE ENGINEERING	21	9	0
13BJ1A0499	RT32045A	BIO MEDICAL ENGINEERING	21	37	3
13BJ1A0499	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
13BJ1A0499	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
13BJ1A0499	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A0499	RT32049	SEMINAR	44	0	1
13BJ1A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	52	3
13BJ1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	23	36	3
13BJ1A04A0	RT32043	DIGITAL COMMUNICATIONS	25	39	3
13BJ1A04A0	RT32044	MICROWAVE ENGINEERING	23	35	3
13BJ1A04A0	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
13BJ1A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
13BJ1A04A0	RT32049	SEMINAR	49	0	1
13BJ1A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	4	0
13BJ1A04A1	RT32042	DIGITAL SIGNAL PROCESSING	14	4	0
13BJ1A04A1	RT32043	DIGITAL COMMUNICATIONS	12	1	0
13BJ1A04A1	RT32044	MICROWAVE ENGINEERING	16	0	0
13BJ1A04A1	RT32045A	BIO MEDICAL ENGINEERING	7	16	0
13BJ1A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2
13BJ1A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A04A1	RT32049	SEMINAR	46	0	1
13BJ1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	0	0
13BJ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
13BJ1A04A2	RT32043	DIGITAL COMMUNICATIONS	12	0	0
13BJ1A04A2	RT32044	MICROWAVE ENGINEERING	16	0	0
13BJ1A04A2	RT32045A	BIO MEDICAL ENGINEERING	12	9	0
13BJ1A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2
13BJ1A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A04A2	RT32049	SEMINAR	45	0	1
13BJ1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	27	3
13BJ1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	23	15	0
13BJ1A04A3	RT32043	DIGITAL COMMUNICATIONS	22	15	0
13BJ1A04A3	RT32044	MICROWAVE ENGINEERING	23	46	3
13BJ1A04A3	RT32045A	BIO MEDICAL ENGINEERING	19	51	3
13BJ1A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
13BJ1A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
13BJ1A04A3	RT32049	SEMINAR	48	0	1
13BJ1A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
13BJ1A04A5	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
13BJ1A04A5	RT32043	DIGITAL COMMUNICATIONS	21	33	3
13BJ1A04A5	RT32044	MICROWAVE ENGINEERING	25	33	3
13BJ1A04A5	RT32045A	BIO MEDICAL ENGINEERING	19	31	3
13BJ1A04A5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04A5	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
13BJ1A04A5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04A5	RT32049	SEMINAR	47	0	1
13BJ1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	35	3
13BJ1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	22	9	0
13BJ1A04A6	RT32043	DIGITAL COMMUNICATIONS	20	36	3
13BJ1A04A6	RT32044	MICROWAVE ENGINEERING	20	35	3
13BJ1A04A6	RT32045A	BIO MEDICAL ENGINEERING	13	17	0
13BJ1A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
13BJ1A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
13BJ1A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04A6	RT32049	SEMINAR	47	0	1
13BJ1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	8	0
13BJ1A04A7	RT32042	DIGITAL SIGNAL PROCESSING	23	34	3
13BJ1A04A7	RT32043	DIGITAL COMMUNICATIONS	20	30	3
13BJ1A04A7	RT32044	MICROWAVE ENGINEERING	21	35	3
13BJ1A04A7	RT32045A	BIO MEDICAL ENGINEERING	20	30	3
13BJ1A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
13BJ1A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04A7	RT32049	SEMINAR	49	0	1
13BJ1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	0	0
13BJ1A04A8	RT32042	DIGITAL SIGNAL PROCESSING	24	9	0
13BJ1A04A8	RT32043	DIGITAL COMMUNICATIONS	18	0	0
13BJ1A04A8	RT32044	MICROWAVE ENGINEERING	19	3	0
13BJ1A04A8	RT32045A	BIO MEDICAL ENGINEERING	13	49	3
13BJ1A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
13BJ1A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
13BJ1A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04A8	RT32049	SEMINAR	44	0	1
13BJ1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	52	3
13BJ1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	21	33	3
13BJ1A04A9	RT32043	DIGITAL COMMUNICATIONS	24	45	3
13BJ1A04A9	RT32044	MICROWAVE ENGINEERING	23	40	3
13BJ1A04A9	RT32045A	BIO MEDICAL ENGINEERING	25	45	3
13BJ1A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
13BJ1A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04A9	RT32049	SEMINAR	48	0	1
13BJ1A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	42	3
13BJ1A04B0	RT32042	DIGITAL SIGNAL PROCESSING	24	15	0
13BJ1A04B0	RT32043	DIGITAL COMMUNICATIONS	22	42	3
13BJ1A04B0	RT32044	MICROWAVE ENGINEERING	24	9	0
13BJ1A04B0	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
13BJ1A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04B0	RT32049	SEMINAR	49	0	1
13BJ1A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	29	3
13BJ1A04B1	RT32042	DIGITAL SIGNAL PROCESSING	25	37	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04B1	RT32043	DIGITAL COMMUNICATIONS	21	17	0
13BJ1A04B1	RT32044	MICROWAVE ENGINEERING	24	26	3
13BJ1A04B1	RT32045A	BIO MEDICAL ENGINEERING	22	10	0
13BJ1A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
13BJ1A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04B1	RT32049	SEMINAR	49	0	1
13BJ1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	0	0
13BJ1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	0	2	0
13BJ1A04B2	RT32043	DIGITAL COMMUNICATIONS	10	0	0
13BJ1A04B2	RT32044	MICROWAVE ENGINEERING	0	6	0
13BJ1A04B2	RT32045A	BIO MEDICAL ENGINEERING	0	1	0
13BJ1A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	13	38	2
13BJ1A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	46	2
13BJ1A04B2	RT32049	SEMINAR	40	0	1
13BJ1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
13BJ1A04B3	RT32042	DIGITAL SIGNAL PROCESSING	22	11	0
13BJ1A04B3	RT32043	DIGITAL COMMUNICATIONS	21	30	3
13BJ1A04B3	RT32044	MICROWAVE ENGINEERING	21	28	3
13BJ1A04B3	RT32045A	BIO MEDICAL ENGINEERING	17	43	3
13BJ1A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
13BJ1A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
13BJ1A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
13BJ1A04B3	RT32049	SEMINAR	48	0	1
13BJ1A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	35	3
13BJ1A04B4	RT32042	DIGITAL SIGNAL PROCESSING	20	27	3
13BJ1A04B4	RT32043	DIGITAL COMMUNICATIONS	18	7	0
13BJ1A04B4	RT32044	MICROWAVE ENGINEERING	21	8	0
13BJ1A04B4	RT32045A	BIO MEDICAL ENGINEERING	14	26	3
13BJ1A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
13BJ1A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04B4	RT32049	SEMINAR	48	0	1
13BJ1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	5	0
13BJ1A04B5	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
13BJ1A04B5	RT32043	DIGITAL COMMUNICATIONS	16	12	0
13BJ1A04B5	RT32044	MICROWAVE ENGINEERING	19	24	3
13BJ1A04B5	RT32045A	BIO MEDICAL ENGINEERING	14	30	3
13BJ1A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	15	38	2
13BJ1A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A04B5	RT32049	SEMINAR	46	0	1
13BJ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	0	0
13BJ1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	18	3	0
13BJ1A04B7	RT32043	DIGITAL COMMUNICATIONS	20	3	0
13BJ1A04B7	RT32044	MICROWAVE ENGINEERING	18	0	0
13BJ1A04B7	RT32045A	BIO MEDICAL ENGINEERING	11	26	0
13BJ1A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
13BJ1A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
13BJ1A04B7	RT32049	SEMINAR	47	0	1
13BJ1A04B9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	2	0
13BJ1A04B9	RT32042	DIGITAL SIGNAL PROCESSING	12	1	0
13BJ1A04B9	RT32043	DIGITAL COMMUNICATIONS	15	4	0
13BJ1A04B9	RT32044	MICROWAVE ENGINEERING	16	2	0
13BJ1A04B9	RT32045A	BIO MEDICAL ENGINEERING	0	5	0
13BJ1A04B9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04B9	RT32047	DIGITAL COMMUNICATIONS LAB	14	35	2
13BJ1A04B9	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	47	2
13BJ1A04B9	RT32049	SEMINAR	40	0	1
13BJ1A04C0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	42	3
13BJ1A04C0	RT32042	DIGITAL SIGNAL PROCESSING	18	33	3
13BJ1A04C0	RT32043	DIGITAL COMMUNICATIONS	23	44	3
13BJ1A04C0	RT32044	MICROWAVE ENGINEERING	23	27	3
13BJ1A04C0	RT32045A	BIO MEDICAL ENGINEERING	16	28	3
13BJ1A04C0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
13BJ1A04C0	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
13BJ1A04C0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
13BJ1A04C0	RT32049	SEMINAR	49	0	1
13BJ1A04C1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	18	0
13BJ1A04C1	RT32042	DIGITAL SIGNAL PROCESSING	24	38	3
13BJ1A04C1	RT32043	DIGITAL COMMUNICATIONS	23	24	3
13BJ1A04C1	RT32044	MICROWAVE ENGINEERING	23	41	3
13BJ1A04C1	RT32045A	BIO MEDICAL ENGINEERING	24	16	0
13BJ1A04C1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A04C1	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04C1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04C1	RT32049	SEMINAR	49	0	1
13BJ1A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	13	0
13BJ1A04C2	RT32042	DIGITAL SIGNAL PROCESSING	23	11	0
13BJ1A04C2	RT32043	DIGITAL COMMUNICATIONS	23	24	3
13BJ1A04C2	RT32044	MICROWAVE ENGINEERING	26	14	0
13BJ1A04C2	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
13BJ1A04C2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A04C2	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
13BJ1A04C2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04C2	RT32049	SEMINAR	48	0	1
13BJ1A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3
13BJ1A04C4	RT32042	DIGITAL SIGNAL PROCESSING	23	11	0
13BJ1A04C4	RT32043	DIGITAL COMMUNICATIONS	21	31	3
13BJ1A04C4	RT32044	MICROWAVE ENGINEERING	24	30	3
13BJ1A04C4	RT32045A	BIO MEDICAL ENGINEERING	21	32	3
13BJ1A04C4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
13BJ1A04C4	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
13BJ1A04C4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
13BJ1A04C4	RT32049	SEMINAR	48	0	1
13BJ1A04C5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	34	3
13BJ1A04C5	RT32042	DIGITAL SIGNAL PROCESSING	23	16	0
13BJ1A04C5	RT32043	DIGITAL COMMUNICATIONS	24	35	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04C5	RT32044	MICROWAVE ENGINEERING	22	16	0
13BJ1A04C5	RT32045A	BIO MEDICAL ENGINEERING	24	31	3
13BJ1A04C5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
13BJ1A04C5	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
13BJ1A04C5	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04C5	RT32049	SEMINAR	48	0	1
13BJ1A04C6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	35	3
13BJ1A04C6	RT32042	DIGITAL SIGNAL PROCESSING	23	41	3
13BJ1A04C6	RT32043	DIGITAL COMMUNICATIONS	23	52	3
13BJ1A04C6	RT32044	MICROWAVE ENGINEERING	21	48	3
13BJ1A04C6	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
13BJ1A04C6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A04C6	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
13BJ1A04C6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04C6	RT32049	SEMINAR	49	0	1
13BJ1A04C7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	31	3
13BJ1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	24	10	0
13BJ1A04C7	RT32043	DIGITAL COMMUNICATIONS	26	12	0
13BJ1A04C7	RT32044	MICROWAVE ENGINEERING	25	33	3
13BJ1A04C7	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
13BJ1A04C7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A04C7	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04C7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
13BJ1A04C7	RT32049	SEMINAR	49	0	1
13BJ1A04C8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	42	3
13BJ1A04C8	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
13BJ1A04C8	RT32043	DIGITAL COMMUNICATIONS	25	56	3
13BJ1A04C8	RT32044	MICROWAVE ENGINEERING	25	37	3
13BJ1A04C8	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
13BJ1A04C8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
13BJ1A04C8	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04C8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
13BJ1A04C8	RT32049	SEMINAR	49	0	1
13BJ1A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
13BJ1A04C9	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
13BJ1A04C9	RT32043	DIGITAL COMMUNICATIONS	23	33	3
13BJ1A04C9	RT32044	MICROWAVE ENGINEERING	20	14	0
13BJ1A04C9	RT32045A	BIO MEDICAL ENGINEERING	21	25	3
13BJ1A04C9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
13BJ1A04C9	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04C9	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
13BJ1A04C9	RT32049	SEMINAR	49	0	1
13BJ1A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	13	0
13BJ1A04D0	RT32042	DIGITAL SIGNAL PROCESSING	24	34	3
13BJ1A04D0	RT32043	DIGITAL COMMUNICATIONS	22	35	3
13BJ1A04D0	RT32044	MICROWAVE ENGINEERING	21	34	3
13BJ1A04D0	RT32045A	BIO MEDICAL ENGINEERING	24	7	0
13BJ1A04D0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
13BJ1A04D0	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
13BJ1A04D0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04D0	RT32049	SEMINAR	50	0	1
13BJ1A04D1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
13BJ1A04D1	RT32042	DIGITAL SIGNAL PROCESSING	21	11	0
13BJ1A04D1	RT32043	DIGITAL COMMUNICATIONS	20	24	3
13BJ1A04D1	RT32044	MICROWAVE ENGINEERING	24	35	3
13BJ1A04D1	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
13BJ1A04D1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
13BJ1A04D1	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
13BJ1A04D1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
13BJ1A04D1	RT32049	SEMINAR	48	0	1
13BJ1A04D2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3
13BJ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	19	14	0
13BJ1A04D2	RT32043	DIGITAL COMMUNICATIONS	23	30	3
13BJ1A04D2	RT32044	MICROWAVE ENGINEERING	23	24	3
13BJ1A04D2	RT32045A	BIO MEDICAL ENGINEERING	23	32	3
13BJ1A04D2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
13BJ1A04D2	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
13BJ1A04D2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
13BJ1A04D2	RT32049	SEMINAR	46	0	1
13BJ1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	1	0
13BJ1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
13BJ1A04D3	RT32043	DIGITAL COMMUNICATIONS	11	0	0
13BJ1A04D3	RT32044	MICROWAVE ENGINEERING	14	0	0
13BJ1A04D3	RT32045A	BIO MEDICAL ENGINEERING	5	0	0
13BJ1A04D3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04D3	RT32047	DIGITAL COMMUNICATIONS LAB	14	38	2
13BJ1A04D3	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
13BJ1A04D3	RT32049	SEMINAR	40	0	1
13BJ1A04D4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	6	0
13BJ1A04D4	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
13BJ1A04D4	RT32043	DIGITAL COMMUNICATIONS	17	15	0
13BJ1A04D4	RT32044	MICROWAVE ENGINEERING	20	26	3
13BJ1A04D4	RT32045A	BIO MEDICAL ENGINEERING	17	38	3
13BJ1A04D4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A04D4	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
13BJ1A04D4	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04D4	RT32049	SEMINAR	40	0	1
13BJ1A04D5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	8	0
13BJ1A04D5	RT32042	DIGITAL SIGNAL PROCESSING	0	7	0
13BJ1A04D5	RT32043	DIGITAL COMMUNICATIONS	17	6	0
13BJ1A04D5	RT32044	MICROWAVE ENGINEERING	18	12	0
13BJ1A04D5	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
13BJ1A04D5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A04D5	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A04D5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04D5	RT32049	SEMINAR	47	0	1
13BJ1A04D6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	1	0
13BJ1A04D6	RT32042	DIGITAL SIGNAL PROCESSING	0	0	0
13BJ1A04D6	RT32043	DIGITAL COMMUNICATIONS	0	0	0
13BJ1A04D6	RT32044	MICROWAVE ENGINEERING	0	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04D6	RT32045A	BIO MEDICAL ENGINEERING	0	1	0
13BJ1A04D6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
13BJ1A04D6	RT32047	DIGITAL COMMUNICATIONS LAB	14	-1	0
13BJ1A04D6	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
13BJ1A04D6	RT32049	SEMINAR	40	0	1
13BJ1A04D7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	33	3
13BJ1A04D7	RT32042	DIGITAL SIGNAL PROCESSING	22	7	0
13BJ1A04D7	RT32043	DIGITAL COMMUNICATIONS	23	33	3
13BJ1A04D7	RT32044	MICROWAVE ENGINEERING	20	9	0
13BJ1A04D7	RT32045A	BIO MEDICAL ENGINEERING	16	27	3
13BJ1A04D7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
13BJ1A04D7	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
13BJ1A04D7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04D7	RT32049	SEMINAR	48	0	1
13BJ1A04D8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	0	0
13BJ1A04D8	RT32042	DIGITAL SIGNAL PROCESSING	22	3	0
13BJ1A04D8	RT32043	DIGITAL COMMUNICATIONS	17	10	0
13BJ1A04D8	RT32044	MICROWAVE ENGINEERING	14	6	0
13BJ1A04D8	RT32045A	BIO MEDICAL ENGINEERING	10	30	3
13BJ1A04D8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
13BJ1A04D8	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
13BJ1A04D8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04D8	RT32049	SEMINAR	44	0	1
13BJ1A04D9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	7	0
13BJ1A04D9	RT32042	DIGITAL SIGNAL PROCESSING	23	3	0
13BJ1A04D9	RT32043	DIGITAL COMMUNICATIONS	15	0	0
13BJ1A04D9	RT32044	MICROWAVE ENGINEERING	19	0	0
13BJ1A04D9	RT32045A	BIO MEDICAL ENGINEERING	12	32	3
13BJ1A04D9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
13BJ1A04D9	RT32047	DIGITAL COMMUNICATIONS LAB	15	-1	0
13BJ1A04D9	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	46	2
13BJ1A04D9	RT32049	SEMINAR	48	0	1
13BJ1A04E0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	49	3
13BJ1A04E0	RT32042	DIGITAL SIGNAL PROCESSING	20	28	3
13BJ1A04E0	RT32043	DIGITAL COMMUNICATIONS	23	43	3
13BJ1A04E0	RT32044	MICROWAVE ENGINEERING	20	36	3
13BJ1A04E0	RT32045A	BIO MEDICAL ENGINEERING	17	45	3
13BJ1A04E0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
13BJ1A04E0	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
13BJ1A04E0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04E0	RT32049	SEMINAR	48	0	1
13BJ1A04E1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	30	3
13BJ1A04E1	RT32042	DIGITAL SIGNAL PROCESSING	22	-1	0
13BJ1A04E1	RT32043	DIGITAL COMMUNICATIONS	17	36	3
13BJ1A04E1	RT32044	MICROWAVE ENGINEERING	16	0	0
13BJ1A04E1	RT32045A	BIO MEDICAL ENGINEERING	13	27	3
13BJ1A04E1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
13BJ1A04E1	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
13BJ1A04E1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
13BJ1A04E1	RT32049	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04E2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	0	0
13BJ1A04E2	RT32042	DIGITAL SIGNAL PROCESSING	7	4	0
13BJ1A04E2	RT32043	DIGITAL COMMUNICATIONS	11	0	0
13BJ1A04E2	RT32044	MICROWAVE ENGINEERING	15	-1	0
13BJ1A04E2	RT32045A	BIO MEDICAL ENGINEERING	0	19	0
13BJ1A04E2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
13BJ1A04E2	RT32047	DIGITAL COMMUNICATIONS LAB	14	-1	0
13BJ1A04E2	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
13BJ1A04E2	RT32049	SEMINAR	40	0	1
13BJ1A0502	RT32051	SOFTWARE ENGINEERING	22	41	3
13BJ1A0502	RT32052	DATA WARE HOUSING AND MINING	22	39	3
13BJ1A0502	RT32053	COMPUTER NETWORKS	24	34	3
13BJ1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	30	3
13BJ1A0502	RT32055	WEB TECHNOLOGIES	21	24	3
13BJ1A0502	RT32056	IPR AND PATENTS	20	27	2
13BJ1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
13BJ1A0502	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
13BJ1A0502	RT32059	WEB TECHNOLOGIES LAB	21	43	2
13BJ1A0503	RT32051	SOFTWARE ENGINEERING	21	37	3
13BJ1A0503	RT32052	DATA WARE HOUSING AND MINING	21	27	3
13BJ1A0503	RT32053	COMPUTER NETWORKS	20	27	3
13BJ1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
13BJ1A0503	RT32055	WEB TECHNOLOGIES	18	8	0
13BJ1A0503	RT32056	IPR AND PATENTS	19	37	2
13BJ1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	41	2
13BJ1A0503	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
13BJ1A0503	RT32059	WEB TECHNOLOGIES LAB	21	44	2
13BJ1A0504	RT32051	SOFTWARE ENGINEERING	24	56	3
13BJ1A0504	RT32052	DATA WARE HOUSING AND MINING	25	49	3
13BJ1A0504	RT32053	COMPUTER NETWORKS	22	35	3
13BJ1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	31	3
13BJ1A0504	RT32055	WEB TECHNOLOGIES	21	52	3
13BJ1A0504	RT32056	IPR AND PATENTS	23	39	2
13BJ1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
13BJ1A0504	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
13BJ1A0504	RT32059	WEB TECHNOLOGIES LAB	25	49	2
13BJ1A0505	RT32051	SOFTWARE ENGINEERING	21	42	3
13BJ1A0505	RT32052	DATA WARE HOUSING AND MINING	18	35	3
13BJ1A0505	RT32053	COMPUTER NETWORKS	18	17	0
13BJ1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
13BJ1A0505	RT32055	WEB TECHNOLOGIES	20	24	3
13BJ1A0505	RT32056	IPR AND PATENTS	15	32	2
13BJ1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
13BJ1A0505	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
13BJ1A0505	RT32059	WEB TECHNOLOGIES LAB	21	45	2
13BJ1A0506	RT32051	SOFTWARE ENGINEERING	23	36	3
13BJ1A0506	RT32052	DATA WARE HOUSING AND MINING	20	43	3
13BJ1A0506	RT32053	COMPUTER NETWORKS	22	39	3
13BJ1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	39	3
13BJ1A0506	RT32055	WEB TECHNOLOGIES	20	25	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0506	RT32056	IPR AND PATENTS	16	38	2
13BJ1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
13BJ1A0506	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
13BJ1A0506	RT32059	WEB TECHNOLOGIES LAB	25	44	2
13BJ1A0507	RT32051	SOFTWARE ENGINEERING	23	31	3
13BJ1A0507	RT32052	DATA WARE HOUSING AND MINING	25	42	3
13BJ1A0507	RT32053	COMPUTER NETWORKS	24	42	3
13BJ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	34	3
13BJ1A0507	RT32055	WEB TECHNOLOGIES	22	27	3
13BJ1A0507	RT32056	IPR AND PATENTS	19	45	2
13BJ1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
13BJ1A0507	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
13BJ1A0507	RT32059	WEB TECHNOLOGIES LAB	23	46	2
13BJ1A0508	RT32051	SOFTWARE ENGINEERING	24	42	3
13BJ1A0508	RT32052	DATA WARE HOUSING AND MINING	23	44	3
13BJ1A0508	RT32053	COMPUTER NETWORKS	24	35	3
13BJ1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	49	3
13BJ1A0508	RT32055	WEB TECHNOLOGIES	23	49	3
13BJ1A0508	RT32056	IPR AND PATENTS	24	36	2
13BJ1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	45	2
13BJ1A0508	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
13BJ1A0508	RT32059	WEB TECHNOLOGIES LAB	22	47	2
13BJ1A0510	RT32051	SOFTWARE ENGINEERING	22	56	3
13BJ1A0510	RT32052	DATA WARE HOUSING AND MINING	24	49	3
13BJ1A0510	RT32053	COMPUTER NETWORKS	25	37	3
13BJ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	32	3
13BJ1A0510	RT32055	WEB TECHNOLOGIES	25	31	3
13BJ1A0510	RT32056	IPR AND PATENTS	20	41	2
13BJ1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
13BJ1A0510	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
13BJ1A0510	RT32059	WEB TECHNOLOGIES LAB	25	50	2
13BJ1A0511	RT32051	SOFTWARE ENGINEERING	24	36	3
13BJ1A0511	RT32052	DATA WARE HOUSING AND MINING	22	43	3
13BJ1A0511	RT32053	COMPUTER NETWORKS	26	44	3
13BJ1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	44	3
13BJ1A0511	RT32055	WEB TECHNOLOGIES	24	32	3
13BJ1A0511	RT32056	IPR AND PATENTS	18	45	2
13BJ1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
13BJ1A0511	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
13BJ1A0511	RT32059	WEB TECHNOLOGIES LAB	25	49	2
13BJ1A0512	RT32051	SOFTWARE ENGINEERING	24	40	3
13BJ1A0512	RT32052	DATA WARE HOUSING AND MINING	22	42	3
13BJ1A0512	RT32053	COMPUTER NETWORKS	24	49	3
13BJ1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	40	3
13BJ1A0512	RT32055	WEB TECHNOLOGIES	21	42	3
13BJ1A0512	RT32056	IPR AND PATENTS	24	41	2
13BJ1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
13BJ1A0512	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
13BJ1A0512	RT32059	WEB TECHNOLOGIES LAB	21	45	2
13BJ1A0513	RT32051	SOFTWARE ENGINEERING	20	34	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0513	RT32052	DATA WARE HOUSING AND MINING	20	38	3
13BJ1A0513	RT32053	COMPUTER NETWORKS	24	24	3
13BJ1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	31	3
13BJ1A0513	RT32055	WEB TECHNOLOGIES	17	31	3
13BJ1A0513	RT32056	IPR AND PATENTS	19	36	2
13BJ1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
13BJ1A0513	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
13BJ1A0513	RT32059	WEB TECHNOLOGIES LAB	23	45	2
13BJ1A0514	RT32051	SOFTWARE ENGINEERING	23	49	3
13BJ1A0514	RT32052	DATA WARE HOUSING AND MINING	22	54	3
13BJ1A0514	RT32053	COMPUTER NETWORKS	23	32	3
13BJ1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	35	3
13BJ1A0514	RT32055	WEB TECHNOLOGIES	21	29	3
13BJ1A0514	RT32056	IPR AND PATENTS	22	30	2
13BJ1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
13BJ1A0514	RT32058	SOFTWARE ENGINEERING LAB	24	42	2
13BJ1A0514	RT32059	WEB TECHNOLOGIES LAB	24	42	2
13BJ1A0515	RT32051	SOFTWARE ENGINEERING	25	31	3
13BJ1A0515	RT32052	DATA WARE HOUSING AND MINING	20	38	3
13BJ1A0515	RT32053	COMPUTER NETWORKS	21	26	3
13BJ1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	30	3
13BJ1A0515	RT32055	WEB TECHNOLOGIES	16	13	0
13BJ1A0515	RT32056	IPR AND PATENTS	18	38	2
13BJ1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
13BJ1A0515	RT32058	SOFTWARE ENGINEERING LAB	20	46	2
13BJ1A0515	RT32059	WEB TECHNOLOGIES LAB	21	47	2
13BJ1A0516	RT32051	SOFTWARE ENGINEERING	23	46	3
13BJ1A0516	RT32052	DATA WARE HOUSING AND MINING	22	65	3
13BJ1A0516	RT32053	COMPUTER NETWORKS	21	32	3
13BJ1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
13BJ1A0516	RT32055	WEB TECHNOLOGIES	18	27	3
13BJ1A0516	RT32056	IPR AND PATENTS	20	46	2
13BJ1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
13BJ1A0516	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
13BJ1A0516	RT32059	WEB TECHNOLOGIES LAB	23	48	2
13BJ1A0517	RT32051	SOFTWARE ENGINEERING	19	38	3
13BJ1A0517	RT32052	DATA WARE HOUSING AND MINING	19	43	3
13BJ1A0517	RT32053	COMPUTER NETWORKS	22	26	3
13BJ1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	60	3
13BJ1A0517	RT32055	WEB TECHNOLOGIES	20	34	3
13BJ1A0517	RT32056	IPR AND PATENTS	20	38	2
13BJ1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
13BJ1A0517	RT32058	SOFTWARE ENGINEERING LAB	20	48	2
13BJ1A0517	RT32059	WEB TECHNOLOGIES LAB	21	44	2
13BJ1A0519	RT32051	SOFTWARE ENGINEERING	20	52	3
13BJ1A0519	RT32052	DATA WARE HOUSING AND MINING	21	47	3
13BJ1A0519	RT32053	COMPUTER NETWORKS	19	24	3
13BJ1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
13BJ1A0519	RT32055	WEB TECHNOLOGIES	18	11	0
13BJ1A0519	RT32056	IPR AND PATENTS	20	38	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
13BJ1A0519	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
13BJ1A0519	RT32059	WEB TECHNOLOGIES LAB	23	44	2
13BJ1A0520	RT32051	SOFTWARE ENGINEERING	23	52	3
13BJ1A0520	RT32052	DATA WARE HOUSING AND MINING	20	34	3
13BJ1A0520	RT32053	COMPUTER NETWORKS	21	25	3
13BJ1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	29	3
13BJ1A0520	RT32055	WEB TECHNOLOGIES	22	24	3
13BJ1A0520	RT32056	IPR AND PATENTS	22	31	2
13BJ1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
13BJ1A0520	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
13BJ1A0520	RT32059	WEB TECHNOLOGIES LAB	25	42	2
13BJ1A0521	RT32051	SOFTWARE ENGINEERING	15	32	3
13BJ1A0521	RT32052	DATA WARE HOUSING AND MINING	19	52	3
13BJ1A0521	RT32053	COMPUTER NETWORKS	15	45	3
13BJ1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	34	3
13BJ1A0521	RT32055	WEB TECHNOLOGIES	18	27	3
13BJ1A0521	RT32056	IPR AND PATENTS	22	46	2
13BJ1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
13BJ1A0521	RT32058	SOFTWARE ENGINEERING LAB	20	46	2
13BJ1A0521	RT32059	WEB TECHNOLOGIES LAB	21	46	2
13BJ1A0522	RT32051	SOFTWARE ENGINEERING	23	37	3
13BJ1A0522	RT32052	DATA WARE HOUSING AND MINING	23	47	3
13BJ1A0522	RT32053	COMPUTER NETWORKS	19	15	0
13BJ1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
13BJ1A0522	RT32055	WEB TECHNOLOGIES	18	33	3
13BJ1A0522	RT32056	IPR AND PATENTS	23	31	2
13BJ1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
13BJ1A0522	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
13BJ1A0522	RT32059	WEB TECHNOLOGIES LAB	21	46	2
13BJ1A0523	RT32051	SOFTWARE ENGINEERING	22	55	3
13BJ1A0523	RT32052	DATA WARE HOUSING AND MINING	18	52	3
13BJ1A0523	RT32053	COMPUTER NETWORKS	22	11	0
13BJ1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
13BJ1A0523	RT32055	WEB TECHNOLOGIES	18	24	3
13BJ1A0523	RT32056	IPR AND PATENTS	21	37	2
13BJ1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
13BJ1A0523	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
13BJ1A0523	RT32059	WEB TECHNOLOGIES LAB	22	40	2
13BJ1A0526	RT32051	SOFTWARE ENGINEERING	22	40	3
13BJ1A0526	RT32052	DATA WARE HOUSING AND MINING	20	37	3
13BJ1A0526	RT32053	COMPUTER NETWORKS	23	48	3
13BJ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
13BJ1A0526	RT32055	WEB TECHNOLOGIES	24	26	3
13BJ1A0526	RT32056	IPR AND PATENTS	21	28	2
13BJ1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
13BJ1A0526	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
13BJ1A0526	RT32059	WEB TECHNOLOGIES LAB	21	45	2
13BJ1A0527	RT32051	SOFTWARE ENGINEERING	19	39	3
13BJ1A0527	RT32052	DATA WARE HOUSING AND MINING	23	37	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0527	RT32053	COMPUTER NETWORKS	24	32	3
13BJ1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	30	3
13BJ1A0527	RT32055	WEB TECHNOLOGIES	22	27	3
13BJ1A0527	RT32056	IPR AND PATENTS	23	40	2
13BJ1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	48	2
13BJ1A0527	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
13BJ1A0527	RT32059	WEB TECHNOLOGIES LAB	25	45	2
13BJ1A0528	RT32051	SOFTWARE ENGINEERING	15	-1	0
13BJ1A0528	RT32052	DATA WARE HOUSING AND MINING	19	-1	0
13BJ1A0528	RT32053	COMPUTER NETWORKS	18	-1	0
13BJ1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	2	0
13BJ1A0528	RT32055	WEB TECHNOLOGIES	0	8	0
13BJ1A0528	RT32056	IPR AND PATENTS	5	14	0
13BJ1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	-1	0
13BJ1A0528	RT32058	SOFTWARE ENGINEERING LAB	16	-1	0
13BJ1A0528	RT32059	WEB TECHNOLOGIES LAB	14	-1	0
13BJ1A0530	RT32051	SOFTWARE ENGINEERING	19	40	3
13BJ1A0530	RT32052	DATA WARE HOUSING AND MINING	21	30	3
13BJ1A0530	RT32053	COMPUTER NETWORKS	17	12	0
13BJ1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	12	0
13BJ1A0530	RT32055	WEB TECHNOLOGIES	13	1	0
13BJ1A0530	RT32056	IPR AND PATENTS	23	28	2
13BJ1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
13BJ1A0530	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
13BJ1A0530	RT32059	WEB TECHNOLOGIES LAB	21	41	2
13BJ1A0533	RT32051	SOFTWARE ENGINEERING	18	4	0
13BJ1A0533	RT32052	DATA WARE HOUSING AND MINING	22	25	3
13BJ1A0533	RT32053	COMPUTER NETWORKS	19	27	3
13BJ1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	13	0
13BJ1A0533	RT32055	WEB TECHNOLOGIES	16	16	0
13BJ1A0533	RT32056	IPR AND PATENTS	19	28	2
13BJ1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	42	2
13BJ1A0533	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
13BJ1A0533	RT32059	WEB TECHNOLOGIES LAB	19	41	2
13BJ1A0534	RT32051	SOFTWARE ENGINEERING	21	32	3
13BJ1A0534	RT32052	DATA WARE HOUSING AND MINING	21	37	3
13BJ1A0534	RT32053	COMPUTER NETWORKS	24	47	3
13BJ1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	34	3
13BJ1A0534	RT32055	WEB TECHNOLOGIES	23	28	3
13BJ1A0534	RT32056	IPR AND PATENTS	24	46	2
13BJ1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
13BJ1A0534	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
13BJ1A0534	RT32059	WEB TECHNOLOGIES LAB	23	45	2
13BJ1A0535	RT32051	SOFTWARE ENGINEERING	21	30	3
13BJ1A0535	RT32052	DATA WARE HOUSING AND MINING	15	25	3
13BJ1A0535	RT32053	COMPUTER NETWORKS	16	16	0
13BJ1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	5	0
13BJ1A0535	RT32055	WEB TECHNOLOGIES	13	10	0
13BJ1A0535	RT32056	IPR AND PATENTS	20	27	2
13BJ1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	44	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0535	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
13BJ1A0535	RT32059	WEB TECHNOLOGIES LAB	21	42	2
13BJ1A0536	RT32051	SOFTWARE ENGINEERING	19	33	3
13BJ1A0536	RT32052	DATA WARE HOUSING AND MINING	19	38	3
13BJ1A0536	RT32053	COMPUTER NETWORKS	21	27	3
13BJ1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
13BJ1A0536	RT32055	WEB TECHNOLOGIES	21	24	3
13BJ1A0536	RT32056	IPR AND PATENTS	22	33	2
13BJ1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
13BJ1A0536	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
13BJ1A0536	RT32059	WEB TECHNOLOGIES LAB	20	45	2
13BJ1A0537	RT32051	SOFTWARE ENGINEERING	16	30	3
13BJ1A0537	RT32052	DATA WARE HOUSING AND MINING	19	36	3
13BJ1A0537	RT32053	COMPUTER NETWORKS	8	11	0
13BJ1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	28	3
13BJ1A0537	RT32055	WEB TECHNOLOGIES	10	16	0
13BJ1A0537	RT32056	IPR AND PATENTS	7	33	2
13BJ1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	37	2
13BJ1A0537	RT32058	SOFTWARE ENGINEERING LAB	17	49	2
13BJ1A0537	RT32059	WEB TECHNOLOGIES LAB	18	40	2
13BJ1A0538	RT32051	SOFTWARE ENGINEERING	18	26	3
13BJ1A0538	RT32052	DATA WARE HOUSING AND MINING	18	6	0
13BJ1A0538	RT32053	COMPUTER NETWORKS	17	7	0
13BJ1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	20	0
13BJ1A0538	RT32055	WEB TECHNOLOGIES	14	2	0
13BJ1A0538	RT32056	IPR AND PATENTS	14	34	2
13BJ1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	36	2
13BJ1A0538	RT32058	SOFTWARE ENGINEERING LAB	14	38	2
13BJ1A0538	RT32059	WEB TECHNOLOGIES LAB	14	40	2
13BJ1A0539	RT32051	SOFTWARE ENGINEERING	24	27	3
13BJ1A0539	RT32052	DATA WARE HOUSING AND MINING	21	37	3
13BJ1A0539	RT32053	COMPUTER NETWORKS	23	30	3
13BJ1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	28	3
13BJ1A0539	RT32055	WEB TECHNOLOGIES	20	37	3
13BJ1A0539	RT32056	IPR AND PATENTS	23	30	2
13BJ1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
13BJ1A0539	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
13BJ1A0539	RT32059	WEB TECHNOLOGIES LAB	23	49	2
13BJ1A0540	RT32051	SOFTWARE ENGINEERING	21	36	3
13BJ1A0540	RT32052	DATA WARE HOUSING AND MINING	18	36	3
13BJ1A0540	RT32053	COMPUTER NETWORKS	23	16	0
13BJ1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
13BJ1A0540	RT32055	WEB TECHNOLOGIES	24	24	3
13BJ1A0540	RT32056	IPR AND PATENTS	21	27	2
13BJ1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
13BJ1A0540	RT32058	SOFTWARE ENGINEERING LAB	19	48	2
13BJ1A0540	RT32059	WEB TECHNOLOGIES LAB	24	48	2
13BJ1A0541	RT32051	SOFTWARE ENGINEERING	24	47	3
13BJ1A0541	RT32052	DATA WARE HOUSING AND MINING	22	37	3
13BJ1A0541	RT32053	COMPUTER NETWORKS	22	40	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
13BJ1A0541	RT32055	WEB TECHNOLOGIES	22	25	3
13BJ1A0541	RT32056	IPR AND PATENTS	25	46	2
13BJ1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
13BJ1A0541	RT32058	SOFTWARE ENGINEERING LAB	25	43	2
13BJ1A0541	RT32059	WEB TECHNOLOGIES LAB	24	46	2
13BJ1A0543	RT32051	SOFTWARE ENGINEERING	21	45	3
13BJ1A0543	RT32052	DATA WARE HOUSING AND MINING	23	43	3
13BJ1A0543	RT32053	COMPUTER NETWORKS	24	39	3
13BJ1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
13BJ1A0543	RT32055	WEB TECHNOLOGIES	23	7	0
13BJ1A0543	RT32056	IPR AND PATENTS	22	40	2
13BJ1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
13BJ1A0543	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
13BJ1A0543	RT32059	WEB TECHNOLOGIES LAB	18	45	2
13BJ1A0544	RT32051	SOFTWARE ENGINEERING	23	44	3
13BJ1A0544	RT32052	DATA WARE HOUSING AND MINING	20	39	3
13BJ1A0544	RT32053	COMPUTER NETWORKS	22	30	3
13BJ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
13BJ1A0544	RT32055	WEB TECHNOLOGIES	18	40	3
13BJ1A0544	RT32056	IPR AND PATENTS	21	37	2
13BJ1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
13BJ1A0544	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
13BJ1A0544	RT32059	WEB TECHNOLOGIES LAB	22	45	2
13BJ1A0545	RT32051	SOFTWARE ENGINEERING	24	44	3
13BJ1A0545	RT32052	DATA WARE HOUSING AND MINING	19	34	3
13BJ1A0545	RT32053	COMPUTER NETWORKS	20	15	0
13BJ1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	25	3
13BJ1A0545	RT32055	WEB TECHNOLOGIES	22	35	3
13BJ1A0545	RT32056	IPR AND PATENTS	21	33	2
13BJ1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
13BJ1A0545	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
13BJ1A0545	RT32059	WEB TECHNOLOGIES LAB	23	42	2
13BJ1A0546	RT32051	SOFTWARE ENGINEERING	20	12	0
13BJ1A0546	RT32052	DATA WARE HOUSING AND MINING	19	38	3
13BJ1A0546	RT32053	COMPUTER NETWORKS	19	26	3
13BJ1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	33	3
13BJ1A0546	RT32055	WEB TECHNOLOGIES	18	25	3
13BJ1A0546	RT32056	IPR AND PATENTS	19	36	2
13BJ1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
13BJ1A0546	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
13BJ1A0546	RT32059	WEB TECHNOLOGIES LAB	22	44	2
13BJ1A0547	RT32051	SOFTWARE ENGINEERING	23	28	3
13BJ1A0547	RT32052	DATA WARE HOUSING AND MINING	20	26	3
13BJ1A0547	RT32053	COMPUTER NETWORKS	25	24	3
13BJ1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	25	3
13BJ1A0547	RT32055	WEB TECHNOLOGIES	22	3	0
13BJ1A0547	RT32056	IPR AND PATENTS	21	31	2
13BJ1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
13BJ1A0547	RT32058	SOFTWARE ENGINEERING LAB	24	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0547	RT32059	WEB TECHNOLOGIES LAB	25	47	2
13BJ1A0548	RT32051	SOFTWARE ENGINEERING	17	24	3
13BJ1A0548	RT32052	DATA WARE HOUSING AND MINING	17	21	0
13BJ1A0548	RT32053	COMPUTER NETWORKS	16	13	0
13BJ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	4	0
13BJ1A0548	RT32055	WEB TECHNOLOGIES	12	9	0
13BJ1A0548	RT32056	IPR AND PATENTS	18	24	2
13BJ1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
13BJ1A0548	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
13BJ1A0548	RT32059	WEB TECHNOLOGIES LAB	21	40	2
13BJ1A0549	RT32051	SOFTWARE ENGINEERING	16	43	3
13BJ1A0549	RT32052	DATA WARE HOUSING AND MINING	19	44	3
13BJ1A0549	RT32053	COMPUTER NETWORKS	17	6	0
13BJ1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	6	0
13BJ1A0549	RT32055	WEB TECHNOLOGIES	11	11	0
13BJ1A0549	RT32056	IPR AND PATENTS	24	14	0
13BJ1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	46	2
13BJ1A0549	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
13BJ1A0549	RT32059	WEB TECHNOLOGIES LAB	21	41	2
13BJ1A0550	RT32051	SOFTWARE ENGINEERING	23	39	3
13BJ1A0550	RT32052	DATA WARE HOUSING AND MINING	20	35	3
13BJ1A0550	RT32053	COMPUTER NETWORKS	22	30	3
13BJ1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	28	3
13BJ1A0550	RT32055	WEB TECHNOLOGIES	22	24	3
13BJ1A0550	RT32056	IPR AND PATENTS	21	29	2
13BJ1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
13BJ1A0550	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
13BJ1A0550	RT32059	WEB TECHNOLOGIES LAB	21	44	2
13BJ1A0554	RT32051	SOFTWARE ENGINEERING	16	27	3
13BJ1A0554	RT32052	DATA WARE HOUSING AND MINING	23	25	3
13BJ1A0554	RT32053	COMPUTER NETWORKS	22	26	3
13BJ1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
13BJ1A0554	RT32055	WEB TECHNOLOGIES	17	1	0
13BJ1A0554	RT32056	IPR AND PATENTS	22	35	2
13BJ1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	47	2
13BJ1A0554	RT32058	SOFTWARE ENGINEERING LAB	19	48	2
13BJ1A0554	RT32059	WEB TECHNOLOGIES LAB	21	45	2
13BJ1A0555	RT32051	SOFTWARE ENGINEERING	16	25	3
13BJ1A0555	RT32052	DATA WARE HOUSING AND MINING	17	26	3
13BJ1A0555	RT32053	COMPUTER NETWORKS	18	10	0
13BJ1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	9	0
13BJ1A0555	RT32055	WEB TECHNOLOGIES	10	10	0
13BJ1A0555	RT32056	IPR AND PATENTS	11	15	0
13BJ1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
13BJ1A0555	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
13BJ1A0555	RT32059	WEB TECHNOLOGIES LAB	21	46	2
13BJ1A0556	RT32051	SOFTWARE ENGINEERING	26	44	3
13BJ1A0556	RT32052	DATA WARE HOUSING AND MINING	24	44	3
13BJ1A0556	RT32053	COMPUTER NETWORKS	25	10	0
13BJ1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0556	RT32055	WEB TECHNOLOGIES	24	27	3
13BJ1A0556	RT32056	IPR AND PATENTS	25	24	2
13BJ1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
13BJ1A0556	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
13BJ1A0556	RT32059	WEB TECHNOLOGIES LAB	25	50	2
13BJ1A0557	RT32051	SOFTWARE ENGINEERING	16	8	0
13BJ1A0557	RT32052	DATA WARE HOUSING AND MINING	18	14	0
13BJ1A0557	RT32053	COMPUTER NETWORKS	19	27	3
13BJ1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	29	3
13BJ1A0557	RT32055	WEB TECHNOLOGIES	12	0	0
13BJ1A0557	RT32056	IPR AND PATENTS	15	34	2
13BJ1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
13BJ1A0557	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
13BJ1A0557	RT32059	WEB TECHNOLOGIES LAB	19	40	2
13BJ1A0558	RT32051	SOFTWARE ENGINEERING	18	24	3
13BJ1A0558	RT32052	DATA WARE HOUSING AND MINING	16	26	3
13BJ1A0558	RT32053	COMPUTER NETWORKS	15	4	0
13BJ1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	13	0
13BJ1A0558	RT32055	WEB TECHNOLOGIES	14	1	0
13BJ1A0558	RT32056	IPR AND PATENTS	14	28	2
13BJ1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
13BJ1A0558	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
13BJ1A0558	RT32059	WEB TECHNOLOGIES LAB	23	42	2
13BJ1A0559	RT32051	SOFTWARE ENGINEERING	17	14	0
13BJ1A0559	RT32052	DATA WARE HOUSING AND MINING	17	18	0
13BJ1A0559	RT32053	COMPUTER NETWORKS	17	3	0
13BJ1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	6	0
13BJ1A0559	RT32055	WEB TECHNOLOGIES	17	6	0
13BJ1A0559	RT32056	IPR AND PATENTS	17	18	0
13BJ1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	44	2
13BJ1A0559	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
13BJ1A0559	RT32059	WEB TECHNOLOGIES LAB	19	42	2
13BJ1A0560	RT32051	SOFTWARE ENGINEERING	21	35	3
13BJ1A0560	RT32052	DATA WARE HOUSING AND MINING	21	32	3
13BJ1A0560	RT32053	COMPUTER NETWORKS	19	14	0
13BJ1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	25	3
13BJ1A0560	RT32055	WEB TECHNOLOGIES	14	17	0
13BJ1A0560	RT32056	IPR AND PATENTS	18	30	2
13BJ1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
13BJ1A0560	RT32058	SOFTWARE ENGINEERING LAB	19	48	2
13BJ1A0560	RT32059	WEB TECHNOLOGIES LAB	18	47	2
13BJ1A0561	RT32051	SOFTWARE ENGINEERING	19	44	3
13BJ1A0561	RT32052	DATA WARE HOUSING AND MINING	24	28	3
13BJ1A0561	RT32053	COMPUTER NETWORKS	23	36	3
13BJ1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	29	3
13BJ1A0561	RT32055	WEB TECHNOLOGIES	19	25	3
13BJ1A0561	RT32056	IPR AND PATENTS	23	52	2
13BJ1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
13BJ1A0561	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
13BJ1A0561	RT32059	WEB TECHNOLOGIES LAB	19	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0562	RT32051	SOFTWARE ENGINEERING	24	47	3
13BJ1A0562	RT32052	DATA WARE HOUSING AND MINING	23	39	3
13BJ1A0562	RT32053	COMPUTER NETWORKS	22	47	3
13BJ1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	39	3
13BJ1A0562	RT32055	WEB TECHNOLOGIES	24	37	3
13BJ1A0562	RT32056	IPR AND PATENTS	20	40	2
13BJ1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
13BJ1A0562	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
13BJ1A0562	RT32059	WEB TECHNOLOGIES LAB	25	48	2
13BJ1A0563	RT32051	SOFTWARE ENGINEERING	25	40	3
13BJ1A0563	RT32052	DATA WARE HOUSING AND MINING	20	39	3
13BJ1A0563	RT32053	COMPUTER NETWORKS	23	28	3
13BJ1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	27	3
13BJ1A0563	RT32055	WEB TECHNOLOGIES	23	39	3
13BJ1A0563	RT32056	IPR AND PATENTS	22	38	2
13BJ1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
13BJ1A0563	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
13BJ1A0563	RT32059	WEB TECHNOLOGIES LAB	24	49	2
13BJ1A0564	RT32051	SOFTWARE ENGINEERING	22	48	3
13BJ1A0564	RT32052	DATA WARE HOUSING AND MINING	21	55	3
13BJ1A0564	RT32053	COMPUTER NETWORKS	20	24	3
13BJ1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	25	3
13BJ1A0564	RT32055	WEB TECHNOLOGIES	21	16	0
13BJ1A0564	RT32056	IPR AND PATENTS	20	33	2
13BJ1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
13BJ1A0564	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
13BJ1A0564	RT32059	WEB TECHNOLOGIES LAB	24	44	2
13BJ1A0565	RT32051	SOFTWARE ENGINEERING	23	49	3
13BJ1A0565	RT32052	DATA WARE HOUSING AND MINING	22	43	3
13BJ1A0565	RT32053	COMPUTER NETWORKS	21	36	3
13BJ1A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	34	3
13BJ1A0565	RT32055	WEB TECHNOLOGIES	23	31	3
13BJ1A0565	RT32056	IPR AND PATENTS	20	41	2
13BJ1A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
13BJ1A0565	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
13BJ1A0565	RT32059	WEB TECHNOLOGIES LAB	24	45	2
13BJ1A0566	RT32051	SOFTWARE ENGINEERING	19	24	3
13BJ1A0566	RT32052	DATA WARE HOUSING AND MINING	18	29	3
13BJ1A0566	RT32053	COMPUTER NETWORKS	21	28	3
13BJ1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	43	3
13BJ1A0566	RT32055	WEB TECHNOLOGIES	16	6	0
13BJ1A0566	RT32056	IPR AND PATENTS	20	44	2
13BJ1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	41	2
13BJ1A0566	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
13BJ1A0566	RT32059	WEB TECHNOLOGIES LAB	21	43	2
13BJ1A0567	RT32051	SOFTWARE ENGINEERING	23	38	3
13BJ1A0567	RT32052	DATA WARE HOUSING AND MINING	22	32	3
13BJ1A0567	RT32053	COMPUTER NETWORKS	22	24	3
13BJ1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	15	0
13BJ1A0567	RT32055	WEB TECHNOLOGIES	23	40	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0567	RT32056	IPR AND PATENTS	23	32	2
13BJ1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
13BJ1A0567	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
13BJ1A0567	RT32059	WEB TECHNOLOGIES LAB	25	42	2
13BJ1A0568	RT32051	SOFTWARE ENGINEERING	25	65	3
13BJ1A0568	RT32052	DATA WARE HOUSING AND MINING	22	50	3
13BJ1A0568	RT32053	COMPUTER NETWORKS	25	40	3
13BJ1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
13BJ1A0568	RT32055	WEB TECHNOLOGIES	26	41	3
13BJ1A0568	RT32056	IPR AND PATENTS	20	33	2
13BJ1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
13BJ1A0568	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
13BJ1A0568	RT32059	WEB TECHNOLOGIES LAB	25	49	2
13BJ1A0569	RT32051	SOFTWARE ENGINEERING	20	45	3
13BJ1A0569	RT32052	DATA WARE HOUSING AND MINING	17	31	3
13BJ1A0569	RT32053	COMPUTER NETWORKS	21	13	0
13BJ1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	31	3
13BJ1A0569	RT32055	WEB TECHNOLOGIES	22	13	0
13BJ1A0569	RT32056	IPR AND PATENTS	20	54	2
13BJ1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
13BJ1A0569	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
13BJ1A0569	RT32059	WEB TECHNOLOGIES LAB	22	45	2
13BJ1A0570	RT32051	SOFTWARE ENGINEERING	22	36	3
13BJ1A0570	RT32052	DATA WARE HOUSING AND MINING	21	36	3
13BJ1A0570	RT32053	COMPUTER NETWORKS	20	31	3
13BJ1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	36	3
13BJ1A0570	RT32055	WEB TECHNOLOGIES	21	27	3
13BJ1A0570	RT32056	IPR AND PATENTS	21	29	2
13BJ1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
13BJ1A0570	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
13BJ1A0570	RT32059	WEB TECHNOLOGIES LAB	22	46	2
13BJ1A0571	RT32051	SOFTWARE ENGINEERING	21	35	3
13BJ1A0571	RT32052	DATA WARE HOUSING AND MINING	20	41	3
13BJ1A0571	RT32053	COMPUTER NETWORKS	22	12	0
13BJ1A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	11	0
13BJ1A0571	RT32055	WEB TECHNOLOGIES	20	24	3
13BJ1A0571	RT32056	IPR AND PATENTS	19	33	2
13BJ1A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
13BJ1A0571	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
13BJ1A0571	RT32059	WEB TECHNOLOGIES LAB	23	43	2
13BJ1A0573	RT32051	SOFTWARE ENGINEERING	18	52	3
13BJ1A0573	RT32052	DATA WARE HOUSING AND MINING	21	44	3
13BJ1A0573	RT32053	COMPUTER NETWORKS	22	28	3
13BJ1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
13BJ1A0573	RT32055	WEB TECHNOLOGIES	22	15	0
13BJ1A0573	RT32056	IPR AND PATENTS	20	36	2
13BJ1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
13BJ1A0573	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
13BJ1A0573	RT32059	WEB TECHNOLOGIES LAB	23	40	2
13BJ1A0575	RT32051	SOFTWARE ENGINEERING	24	39	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0575	RT32052	DATA WARE HOUSING AND MINING	21	30	3
13BJ1A0575	RT32053	COMPUTER NETWORKS	24	34	3
13BJ1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
13BJ1A0575	RT32055	WEB TECHNOLOGIES	25	26	3
13BJ1A0575	RT32056	IPR AND PATENTS	18	47	2
13BJ1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
13BJ1A0575	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
13BJ1A0575	RT32059	WEB TECHNOLOGIES LAB	24	45	2
13BJ1A0576	RT32051	SOFTWARE ENGINEERING	19	24	3
13BJ1A0576	RT32052	DATA WARE HOUSING AND MINING	14	29	3
13BJ1A0576	RT32053	COMPUTER NETWORKS	0	24	0
13BJ1A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	0	30	0
13BJ1A0576	RT32055	WEB TECHNOLOGIES	16	9	0
13BJ1A0576	RT32056	IPR AND PATENTS	5	-1	0
13BJ1A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	-1	0
13BJ1A0576	RT32058	SOFTWARE ENGINEERING LAB	14	-1	0
13BJ1A0576	RT32059	WEB TECHNOLOGIES LAB	14	-1	0
13BJ1A0577	RT32051	SOFTWARE ENGINEERING	17	27	3
13BJ1A0577	RT32052	DATA WARE HOUSING AND MINING	15	28	3
13BJ1A0577	RT32053	COMPUTER NETWORKS	13	3	0
13BJ1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	16	0
13BJ1A0577	RT32055	WEB TECHNOLOGIES	16	24	3
13BJ1A0577	RT32056	IPR AND PATENTS	17	24	2
13BJ1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
13BJ1A0577	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
13BJ1A0577	RT32059	WEB TECHNOLOGIES LAB	18	40	2
13BJ1A0578	RT32051	SOFTWARE ENGINEERING	21	48	3
13BJ1A0578	RT32052	DATA WARE HOUSING AND MINING	21	38	3
13BJ1A0578	RT32053	COMPUTER NETWORKS	21	4	0
13BJ1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	10	0
13BJ1A0578	RT32055	WEB TECHNOLOGIES	14	14	0
13BJ1A0578	RT32056	IPR AND PATENTS	23	28	2
13BJ1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
13BJ1A0578	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
13BJ1A0578	RT32059	WEB TECHNOLOGIES LAB	21	40	2
13BJ1A0579	RT32051	SOFTWARE ENGINEERING	0	-1	0
13BJ1A0579	RT32052	DATA WARE HOUSING AND MINING	5	-1	0
13BJ1A0579	RT32053	COMPUTER NETWORKS	0	-1	0
13BJ1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	0	-1	0
13BJ1A0579	RT32055	WEB TECHNOLOGIES	0	-1	0
13BJ1A0579	RT32056	IPR AND PATENTS	5	-1	0
13BJ1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	-1	0
13BJ1A0579	RT32058	SOFTWARE ENGINEERING LAB	14	-1	0
13BJ1A0579	RT32059	WEB TECHNOLOGIES LAB	14	-1	0
13BJ1A0580	RT32051	SOFTWARE ENGINEERING	22	37	3
13BJ1A0580	RT32052	DATA WARE HOUSING AND MINING	23	40	3
13BJ1A0580	RT32053	COMPUTER NETWORKS	23	45	3
13BJ1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	42	3
13BJ1A0580	RT32055	WEB TECHNOLOGIES	22	24	3
13BJ1A0580	RT32056	IPR AND PATENTS	21	44	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
13BJ1A0580	RT32058	SOFTWARE ENGINEERING LAB	20	48	2
13BJ1A0580	RT32059	WEB TECHNOLOGIES LAB	23	45	2
13BJ1A0581	RT32051	SOFTWARE ENGINEERING	19	33	3
13BJ1A0581	RT32052	DATA WARE HOUSING AND MINING	20	34	3
13BJ1A0581	RT32053	COMPUTER NETWORKS	19	10	0
13BJ1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	13	0
13BJ1A0581	RT32055	WEB TECHNOLOGIES	18	33	3
13BJ1A0581	RT32056	IPR AND PATENTS	23	33	2
13BJ1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
13BJ1A0581	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
13BJ1A0581	RT32059	WEB TECHNOLOGIES LAB	18	41	2
13BJ1A0582	RT32051	SOFTWARE ENGINEERING	21	37	3
13BJ1A0582	RT32052	DATA WARE HOUSING AND MINING	21	37	3
13BJ1A0582	RT32053	COMPUTER NETWORKS	21	8	0
13BJ1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	15	0
13BJ1A0582	RT32055	WEB TECHNOLOGIES	16	11	0
13BJ1A0582	RT32056	IPR AND PATENTS	22	36	2
13BJ1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
13BJ1A0582	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
13BJ1A0582	RT32059	WEB TECHNOLOGIES LAB	25	46	2
13BJ1A0583	RT32051	SOFTWARE ENGINEERING	26	43	3
13BJ1A0583	RT32052	DATA WARE HOUSING AND MINING	24	40	3
13BJ1A0583	RT32053	COMPUTER NETWORKS	21	29	3
13BJ1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
13BJ1A0583	RT32055	WEB TECHNOLOGIES	19	24	3
13BJ1A0583	RT32056	IPR AND PATENTS	24	60	2
13BJ1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
13BJ1A0583	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
13BJ1A0583	RT32059	WEB TECHNOLOGIES LAB	25	50	2
13BJ1A0584	RT32051	SOFTWARE ENGINEERING	26	50	3
13BJ1A0584	RT32052	DATA WARE HOUSING AND MINING	16	45	3
13BJ1A0584	RT32053	COMPUTER NETWORKS	19	32	3
13BJ1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	27	3
13BJ1A0584	RT32055	WEB TECHNOLOGIES	16	10	0
13BJ1A0584	RT32056	IPR AND PATENTS	23	44	2
13BJ1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
13BJ1A0584	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
13BJ1A0584	RT32059	WEB TECHNOLOGIES LAB	24	41	2
13BJ1A0585	RT32051	SOFTWARE ENGINEERING	20	43	3
13BJ1A0585	RT32052	DATA WARE HOUSING AND MINING	20	41	3
13BJ1A0585	RT32053	COMPUTER NETWORKS	22	35	3
13BJ1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	43	3
13BJ1A0585	RT32055	WEB TECHNOLOGIES	16	41	3
13BJ1A0585	RT32056	IPR AND PATENTS	12	33	2
13BJ1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
13BJ1A0585	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
13BJ1A0585	RT32059	WEB TECHNOLOGIES LAB	18	45	2
13BJ1A0586	RT32051	SOFTWARE ENGINEERING	16	29	3
13BJ1A0586	RT32052	DATA WARE HOUSING AND MINING	18	32	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0586	RT32053	COMPUTER NETWORKS	17	2	0
13BJ1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	13	0
13BJ1A0586	RT32055	WEB TECHNOLOGIES	15	7	0
13BJ1A0586	RT32056	IPR AND PATENTS	14	28	2
13BJ1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
13BJ1A0586	RT32058	SOFTWARE ENGINEERING LAB	18	45	2
13BJ1A0586	RT32059	WEB TECHNOLOGIES LAB	21	46	2
13BJ1A0587	RT32051	SOFTWARE ENGINEERING	22	45	3
13BJ1A0587	RT32052	DATA WARE HOUSING AND MINING	21	34	3
13BJ1A0587	RT32053	COMPUTER NETWORKS	23	31	3
13BJ1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	29	3
13BJ1A0587	RT32055	WEB TECHNOLOGIES	23	25	3
13BJ1A0587	RT32056	IPR AND PATENTS	22	30	2
13BJ1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
13BJ1A0587	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
13BJ1A0587	RT32059	WEB TECHNOLOGIES LAB	22	43	2
13BJ1A0588	RT32051	SOFTWARE ENGINEERING	17	30	3
13BJ1A0588	RT32052	DATA WARE HOUSING AND MINING	22	35	3
13BJ1A0588	RT32053	COMPUTER NETWORKS	20	30	3
13BJ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	11	0
13BJ1A0588	RT32055	WEB TECHNOLOGIES	18	3	0
13BJ1A0588	RT32056	IPR AND PATENTS	21	35	2
13BJ1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
13BJ1A0588	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
13BJ1A0588	RT32059	WEB TECHNOLOGIES LAB	18	45	2
13BJ1A0589	RT32051	SOFTWARE ENGINEERING	18	37	3
13BJ1A0589	RT32052	DATA WARE HOUSING AND MINING	17	29	3
13BJ1A0589	RT32053	COMPUTER NETWORKS	21	24	3
13BJ1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	17	0
13BJ1A0589	RT32055	WEB TECHNOLOGIES	16	24	3
13BJ1A0589	RT32056	IPR AND PATENTS	19	34	2
13BJ1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
13BJ1A0589	RT32058	SOFTWARE ENGINEERING LAB	18	42	2
13BJ1A0589	RT32059	WEB TECHNOLOGIES LAB	20	40	2
13BJ1A0590	RT32051	SOFTWARE ENGINEERING	19	30	3
13BJ1A0590	RT32052	DATA WARE HOUSING AND MINING	20	27	3
13BJ1A0590	RT32053	COMPUTER NETWORKS	18	10	0
13BJ1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	11	0
13BJ1A0590	RT32055	WEB TECHNOLOGIES	13	8	0
13BJ1A0590	RT32056	IPR AND PATENTS	21	28	2
13BJ1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
13BJ1A0590	RT32058	SOFTWARE ENGINEERING LAB	18	47	2
13BJ1A0590	RT32059	WEB TECHNOLOGIES LAB	22	46	2
13BJ1A0592	RT32051	SOFTWARE ENGINEERING	19	14	0
13BJ1A0592	RT32052	DATA WARE HOUSING AND MINING	17	24	3
13BJ1A0592	RT32053	COMPUTER NETWORKS	17	18	0
13BJ1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	6	0
13BJ1A0592	RT32055	WEB TECHNOLOGIES	15	11	0
13BJ1A0592	RT32056	IPR AND PATENTS	17	24	2
13BJ1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0592	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
13BJ1A0592	RT32059	WEB TECHNOLOGIES LAB	22	44	2
13BJ1A0593	RT32051	SOFTWARE ENGINEERING	21	27	3
13BJ1A0593	RT32052	DATA WARE HOUSING AND MINING	18	24	3
13BJ1A0593	RT32053	COMPUTER NETWORKS	17	29	3
13BJ1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	10	0
13BJ1A0593	RT32055	WEB TECHNOLOGIES	14	1	0
13BJ1A0593	RT32056	IPR AND PATENTS	18	29	2
13BJ1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
13BJ1A0593	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
13BJ1A0593	RT32059	WEB TECHNOLOGIES LAB	19	48	2
13BJ1A0595	RT32051	SOFTWARE ENGINEERING	20	33	3
13BJ1A0595	RT32052	DATA WARE HOUSING AND MINING	17	26	3
13BJ1A0595	RT32053	COMPUTER NETWORKS	18	7	0
13BJ1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	28	3
13BJ1A0595	RT32055	WEB TECHNOLOGIES	13	16	0
13BJ1A0595	RT32056	IPR AND PATENTS	14	26	2
13BJ1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	46	2
13BJ1A0595	RT32058	SOFTWARE ENGINEERING LAB	19	47	2
13BJ1A0595	RT32059	WEB TECHNOLOGIES LAB	21	45	2
13BJ1A0598	RT32051	SOFTWARE ENGINEERING	20	32	3
13BJ1A0598	RT32052	DATA WARE HOUSING AND MINING	21	46	3
13BJ1A0598	RT32053	COMPUTER NETWORKS	17	27	3
13BJ1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
13BJ1A0598	RT32055	WEB TECHNOLOGIES	19	28	3
13BJ1A0598	RT32056	IPR AND PATENTS	18	30	2
13BJ1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
13BJ1A0598	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
13BJ1A0598	RT32059	WEB TECHNOLOGIES LAB	25	48	2
13BJ1A0599	RT32051	SOFTWARE ENGINEERING	27	42	3
13BJ1A0599	RT32052	DATA WARE HOUSING AND MINING	21	40	3
13BJ1A0599	RT32053	COMPUTER NETWORKS	24	37	3
13BJ1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
13BJ1A0599	RT32055	WEB TECHNOLOGIES	19	28	3
13BJ1A0599	RT32056	IPR AND PATENTS	23	46	2
13BJ1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
13BJ1A0599	RT32058	SOFTWARE ENGINEERING LAB	18	46	2
13BJ1A0599	RT32059	WEB TECHNOLOGIES LAB	23	42	2
13BJ1A05A0	RT32051	SOFTWARE ENGINEERING	20	24	3
13BJ1A05A0	RT32052	DATA WARE HOUSING AND MINING	19	31	3
13BJ1A05A0	RT32053	COMPUTER NETWORKS	22	24	3
13BJ1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
13BJ1A05A0	RT32055	WEB TECHNOLOGIES	18	2	0
13BJ1A05A0	RT32056	IPR AND PATENTS	18	31	2
13BJ1A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
13BJ1A05A0	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
13BJ1A05A0	RT32059	WEB TECHNOLOGIES LAB	23	45	2
13BJ5A0202	R32022	POWER SYSTEM ANALYSIS	6	34	4
13BJ5A0202	R32023	UTILIZATION OF ELECTRICAL ENERGY	19	28	4
13BJ5A0202	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	29	4

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0205	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	30	4
13BJ5A0207	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	33	4
13BJ5A0208	R32023	UTILIZATION OF ELECTRICAL ENERGY	20	30	4
13BJ5A0302	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	9	0
13BJ5A0303	R32033	HEAT TRANSFER	18	32	4
13BJ5A0303	R32035	DESIGN OF MACHINE MEMBERS_II	14	0	0
13BJ5A0304	R32035	DESIGN OF MACHINE MEMBERS_II	14	20	0
13BJ5A0305	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	16	0
13BJ5A0306	R32031	METROLOGY	19	0	0
13BJ5A0407	R32041	COMPUTER NETWORKS	17	6	0
13BJ5A0408	R32042	MICROWAVE ENGINEERING	18	-1	0
13BJ5A0408	R32043	DIGITAL SIGNAL PROCESSING	16	0	0
13BJ5A0408	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	16	0
13BJ5A0408	R32045	VLSI DESIGN	16	36	4
13BJ5A0411	R32042	MICROWAVE ENGINEERING	18	30	4
13BJ5A0502	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	30	4
13BJ5A0502	R32054	UNIX PROGRAMMING	13	8	0
13BJ5A0502	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	2	0
13BJ5A0503	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	16	0
14BJ5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	44	3
14BJ5A0101	RT32012	GEOTECHNICAL ENGINEERING II	23	30	3
14BJ5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	35	3
14BJ5A0101	RT32014	WATER RESOURCES ENGINEERING I	23	29	3
14BJ5A0101	RT32015	TRANSPORTATION ENGINEERING II	21	35	3
14BJ5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	56	3
14BJ5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	43	2
14BJ5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	24	44	2
14BJ5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	22	43	3
14BJ5A0102	RT32012	GEOTECHNICAL ENGINEERING II	22	47	3
14BJ5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	35	3
14BJ5A0102	RT32014	WATER RESOURCES ENGINEERING I	26	43	3
14BJ5A0102	RT32015	TRANSPORTATION ENGINEERING II	21	54	3
14BJ5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	54	3
14BJ5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	46	2
14BJ5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
14BJ5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	25	41	3
14BJ5A0103	RT32012	GEOTECHNICAL ENGINEERING II	24	33	3
14BJ5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	35	3
14BJ5A0103	RT32014	WATER RESOURCES ENGINEERING I	23	45	3
14BJ5A0103	RT32015	TRANSPORTATION ENGINEERING II	24	66	3
14BJ5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	49	3
14BJ5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	42	2
14BJ5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	24	42	2
14BJ5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
14BJ5A0104	RT32012	GEOTECHNICAL ENGINEERING II	16	30	3
14BJ5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	12	0
14BJ5A0104	RT32014	WATER RESOURCES ENGINEERING I	20	27	3
14BJ5A0104	RT32015	TRANSPORTATION ENGINEERING II	18	11	0
14BJ5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	44	3
14BJ5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	42	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
14BJ5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
14BJ5A0106	RT32012	GEOTECHNICAL ENGINEERING II	21	40	3
14BJ5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	27	3
14BJ5A0106	RT32014	WATER RESOURCES ENGINEERING I	25	29	3
14BJ5A0106	RT32015	TRANSPORTATION ENGINEERING II	22	39	3
14BJ5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	56	3
14BJ5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	46	2
14BJ5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14BJ5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
14BJ5A0107	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
14BJ5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	27	3
14BJ5A0107	RT32014	WATER RESOURCES ENGINEERING I	22	31	3
14BJ5A0107	RT32015	TRANSPORTATION ENGINEERING II	24	41	3
14BJ5A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	30	3
14BJ5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	43	2
14BJ5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
14BJ5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	27	3
14BJ5A0201	RT32022	SWITCHGEAR AND PROTECTION	27	40	3
14BJ5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	24	3
14BJ5A0201	RT32024	POWER SYSTEM ANALYSIS	23	25	3
14BJ5A0201	RT32025	MANAGEMENT SCIENCE	23	37	3
14BJ5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	31	3
14BJ5A0201	RT32027	POWER ELECTRONICS LAB	25	50	2
14BJ5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	4	0
14BJ5A0203	RT32022	SWITCHGEAR AND PROTECTION	25	52	3
14BJ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	40	3
14BJ5A0203	RT32024	POWER SYSTEM ANALYSIS	24	11	0
14BJ5A0203	RT32025	MANAGEMENT SCIENCE	23	25	3
14BJ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	20	42	3
14BJ5A0203	RT32027	POWER ELECTRONICS LAB	20	43	2
14BJ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	20	38	2
14BJ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	4	0
14BJ5A0204	RT32022	SWITCHGEAR AND PROTECTION	18	15	0
14BJ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	13	0
14BJ5A0204	RT32024	POWER SYSTEM ANALYSIS	16	7	0
14BJ5A0204	RT32025	MANAGEMENT SCIENCE	23	26	3
14BJ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	15	11	0
14BJ5A0204	RT32027	POWER ELECTRONICS LAB	13	30	2
14BJ5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	13	30	2
14BJ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	28	3
14BJ5A0205	RT32022	SWITCHGEAR AND PROTECTION	28	35	3
14BJ5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	28	3
14BJ5A0205	RT32024	POWER SYSTEM ANALYSIS	23	24	3
14BJ5A0205	RT32025	MANAGEMENT SCIENCE	25	32	3
14BJ5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	24	14	0
14BJ5A0205	RT32027	POWER ELECTRONICS LAB	23	46	2
14BJ5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
14BJ5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	10	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0207	RT32022	SWITCHGEAR AND PROTECTION	26	48	3
14BJ5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	29	3
14BJ5A0207	RT32024	POWER SYSTEM ANALYSIS	26	29	3
14BJ5A0207	RT32025	MANAGEMENT SCIENCE	23	34	3
14BJ5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
14BJ5A0207	RT32027	POWER ELECTRONICS LAB	23	46	2
14BJ5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
14BJ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	3	0
14BJ5A0208	RT32022	SWITCHGEAR AND PROTECTION	18	25	3
14BJ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	4	0
14BJ5A0208	RT32024	POWER SYSTEM ANALYSIS	19	13	0
14BJ5A0208	RT32025	MANAGEMENT SCIENCE	18	25	3
14BJ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	18	10	0
14BJ5A0208	RT32027	POWER ELECTRONICS LAB	13	30	2
14BJ5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	13	26	2
14BJ5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	15	0
14BJ5A0209	RT32022	SWITCHGEAR AND PROTECTION	25	46	3
14BJ5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	12	0
14BJ5A0209	RT32024	POWER SYSTEM ANALYSIS	25	36	3
14BJ5A0209	RT32025	MANAGEMENT SCIENCE	24	31	3
14BJ5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	25	40	3
14BJ5A0209	RT32027	POWER ELECTRONICS LAB	20	45	2
14BJ5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	20	35	2
14BJ5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	26	3
14BJ5A0210	RT32022	SWITCHGEAR AND PROTECTION	21	33	3
14BJ5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	35	3
14BJ5A0210	RT32024	POWER SYSTEM ANALYSIS	24	31	3
14BJ5A0210	RT32025	MANAGEMENT SCIENCE	21	24	3
14BJ5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	22	17	0
14BJ5A0210	RT32027	POWER ELECTRONICS LAB	18	45	2
14BJ5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	21	35	2
14BJ5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
14BJ5A0211	RT32022	SWITCHGEAR AND PROTECTION	23	43	3
14BJ5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	28	3
14BJ5A0211	RT32024	POWER SYSTEM ANALYSIS	23	9	0
14BJ5A0211	RT32025	MANAGEMENT SCIENCE	22	41	3
14BJ5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	22	36	3
14BJ5A0211	RT32027	POWER ELECTRONICS LAB	18	41	2
14BJ5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	21	42	2
14BJ5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	13	0
14BJ5A0213	RT32022	SWITCHGEAR AND PROTECTION	24	31	3
14BJ5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	44	3
14BJ5A0213	RT32024	POWER SYSTEM ANALYSIS	25	24	3
14BJ5A0213	RT32025	MANAGEMENT SCIENCE	25	35	3
14BJ5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	22	41	3
14BJ5A0213	RT32027	POWER ELECTRONICS LAB	21	41	2
14BJ5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	22	38	2
14BJ5A0301	RT32031	OPERATIONS RESEARCH	21	45	3
14BJ5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	40	3
14BJ5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	19	53	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0301	RT32034	ROBOTICS	21	31	3
14BJ5A0301	RT32035	HEAT TRANSFER	20	24	3
14BJ5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	68	3
14BJ5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	25	45	3
14BJ5A0301	RT32038	HEAT TRANSFER LAB	24	48	2
14BJ5A0302	RT32031	OPERATIONS RESEARCH	18	15	0
14BJ5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
14BJ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	13	19	0
14BJ5A0302	RT32034	ROBOTICS	19	24	3
14BJ5A0302	RT32035	HEAT TRANSFER	21	9	0
14BJ5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	30	3
14BJ5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	25	24	3
14BJ5A0302	RT32038	HEAT TRANSFER LAB	18	42	2
14BJ5A0303	RT32031	OPERATIONS RESEARCH	16	4	0
14BJ5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
14BJ5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	15	37	3
14BJ5A0303	RT32034	ROBOTICS	17	32	3
14BJ5A0303	RT32035	HEAT TRANSFER	21	50	3
14BJ5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	43	3
14BJ5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
14BJ5A0303	RT32038	HEAT TRANSFER LAB	18	36	2
14BJ5A0304	RT32031	OPERATIONS RESEARCH	18	29	3
14BJ5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	35	3
14BJ5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
14BJ5A0304	RT32034	ROBOTICS	21	24	3
14BJ5A0304	RT32035	HEAT TRANSFER	24	34	3
14BJ5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	18	0
14BJ5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	22	36	3
14BJ5A0304	RT32038	HEAT TRANSFER LAB	22	48	2
14BJ5A0305	RT32031	OPERATIONS RESEARCH	5	-1	0
14BJ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	5	-1	0
14BJ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
14BJ5A0305	RT32034	ROBOTICS	3	-1	0
14BJ5A0305	RT32035	HEAT TRANSFER	3	-1	0
14BJ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
14BJ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	0	-1	0
14BJ5A0305	RT32038	HEAT TRANSFER LAB	18	-1	0
14BJ5A0306	RT32031	OPERATIONS RESEARCH	21	24	3
14BJ5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	50	3
14BJ5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	22	40	3
14BJ5A0306	RT32034	ROBOTICS	20	30	3
14BJ5A0306	RT32035	HEAT TRANSFER	20	29	3
14BJ5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	37	3
14BJ5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	23	41	3
14BJ5A0306	RT32038	HEAT TRANSFER LAB	23	48	2
14BJ5A0307	RT32031	OPERATIONS RESEARCH	5	-1	0
14BJ5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	5	-1	0
14BJ5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
14BJ5A0307	RT32034	ROBOTICS	3	-1	0
14BJ5A0307	RT32035	HEAT TRANSFER	3	-1	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
14BJ5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	0	-1	0
14BJ5A0307	RT32038	HEAT TRANSFER LAB	18	-1	0
14BJ5A0308	RT32031	OPERATIONS RESEARCH	24	28	3
14BJ5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
14BJ5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	17	12	0
14BJ5A0308	RT32034	ROBOTICS	21	24	3
14BJ5A0308	RT32035	HEAT TRANSFER	23	35	3
14BJ5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	25	3
14BJ5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
14BJ5A0308	RT32038	HEAT TRANSFER LAB	20	48	2
14BJ5A0309	RT32031	OPERATIONS RESEARCH	25	25	3
14BJ5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	26	3
14BJ5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	20	28	3
14BJ5A0309	RT32034	ROBOTICS	20	27	3
14BJ5A0309	RT32035	HEAT TRANSFER	22	4	0
14BJ5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	51	3
14BJ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	24	10	0
14BJ5A0309	RT32038	HEAT TRANSFER LAB	23	48	2
14BJ5A0310	RT32031	OPERATIONS RESEARCH	21	14	0
14BJ5A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	39	3
14BJ5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	16	33	3
14BJ5A0310	RT32034	ROBOTICS	12	31	3
14BJ5A0310	RT32035	HEAT TRANSFER	23	26	3
14BJ5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	37	3
14BJ5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	24	35	3
14BJ5A0310	RT32038	HEAT TRANSFER LAB	20	36	2
14BJ5A0311	RT32031	OPERATIONS RESEARCH	5	-1	0
14BJ5A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	4	-1	0
14BJ5A0311	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
14BJ5A0311	RT32034	ROBOTICS	3	-1	0
14BJ5A0311	RT32035	HEAT TRANSFER	3	-1	0
14BJ5A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
14BJ5A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0
14BJ5A0311	RT32038	HEAT TRANSFER LAB	17	-1	0
14BJ5A0312	RT32031	OPERATIONS RESEARCH	20	27	3
14BJ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	18	0
14BJ5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ5A0312	RT32034	ROBOTICS	20	24	3
14BJ5A0312	RT32035	HEAT TRANSFER	20	30	3
14BJ5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	16	0
14BJ5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	25	24	3
14BJ5A0312	RT32038	HEAT TRANSFER LAB	20	46	2
14BJ5A0313	RT32031	OPERATIONS RESEARCH	16	48	3
14BJ5A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	26	3
14BJ5A0313	RT32033	DESIGN OF MACHINE MEMBERS II	17	30	3
14BJ5A0313	RT32034	ROBOTICS	23	33	3
14BJ5A0313	RT32035	HEAT TRANSFER	23	9	0
14BJ5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	48	3
14BJ5A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	23	12	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0313	RT32038	HEAT TRANSFER LAB	24	48	2
14BJ5A0314	RT32031	OPERATIONS RESEARCH	20	24	3
14BJ5A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	43	3
14BJ5A0314	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
14BJ5A0314	RT32034	ROBOTICS	17	31	3
14BJ5A0314	RT32035	HEAT TRANSFER	25	24	3
14BJ5A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	37	3
14BJ5A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	23	30	3
14BJ5A0314	RT32038	HEAT TRANSFER LAB	24	44	2
14BJ5A0315	RT32031	OPERATIONS RESEARCH	21	27	3
14BJ5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	33	3
14BJ5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	19	38	3
14BJ5A0315	RT32034	ROBOTICS	20	29	3
14BJ5A0315	RT32035	HEAT TRANSFER	22	41	3
14BJ5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	43	3
14BJ5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
14BJ5A0315	RT32038	HEAT TRANSFER LAB	24	46	2
14BJ5A0316	RT32031	OPERATIONS RESEARCH	18	8	0
14BJ5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
14BJ5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	18	14	0
14BJ5A0316	RT32034	ROBOTICS	18	25	3
14BJ5A0316	RT32035	HEAT TRANSFER	22	27	3
14BJ5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	26	3
14BJ5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
14BJ5A0316	RT32038	HEAT TRANSFER LAB	20	44	2
14BJ5A0317	RT32031	OPERATIONS RESEARCH	5	-2	0
14BJ5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	-2	0
14BJ5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	0	-2	0
14BJ5A0317	RT32034	ROBOTICS	3	-2	0
14BJ5A0317	RT32035	HEAT TRANSFER	3	-2	0
14BJ5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-2	0
14BJ5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-2	0
14BJ5A0317	RT32038	HEAT TRANSFER LAB	18	-2	0
14BJ5A0318	RT32031	OPERATIONS RESEARCH	19	55	3
14BJ5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	45	3
14BJ5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	18	32	3
14BJ5A0318	RT32034	ROBOTICS	25	39	3
14BJ5A0318	RT32035	HEAT TRANSFER	21	33	3
14BJ5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	34	3
14BJ5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	25	40	3
14BJ5A0318	RT32038	HEAT TRANSFER LAB	20	48	2
14BJ5A0319	RT32031	OPERATIONS RESEARCH	13	6	0
14BJ5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	32	3
14BJ5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
14BJ5A0319	RT32034	ROBOTICS	23	41	3
14BJ5A0319	RT32035	HEAT TRANSFER	20	30	3
14BJ5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	44	3
14BJ5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	23	25	3
14BJ5A0319	RT32038	HEAT TRANSFER LAB	24	48	2
14BJ5A0320	RT32031	OPERATIONS RESEARCH	14	28	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	26	3
14BJ5A0320	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
14BJ5A0320	RT32034	ROBOTICS	24	24	3
14BJ5A0320	RT32035	HEAT TRANSFER	24	13	0
14BJ5A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	11	0
14BJ5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	23	30	3
14BJ5A0320	RT32038	HEAT TRANSFER LAB	24	38	2
14BJ5A0321	RT32031	OPERATIONS RESEARCH	13	41	3
14BJ5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
14BJ5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	16	29	3
14BJ5A0321	RT32034	ROBOTICS	20	24	3
14BJ5A0321	RT32035	HEAT TRANSFER	15	10	0
14BJ5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	49	3
14BJ5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
14BJ5A0321	RT32038	HEAT TRANSFER LAB	23	42	2
14BJ5A0322	RT32031	OPERATIONS RESEARCH	13	5	0
14BJ5A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	39	3
14BJ5A0322	RT32033	DESIGN OF MACHINE MEMBERS II	10	8	0
14BJ5A0322	RT32034	ROBOTICS	18	15	0
14BJ5A0322	RT32035	HEAT TRANSFER	18	13	0
14BJ5A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	33	3
14BJ5A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
14BJ5A0322	RT32038	HEAT TRANSFER LAB	22	36	2
14BJ5A0323	RT32031	OPERATIONS RESEARCH	16	10	0
14BJ5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
14BJ5A0323	RT32033	DESIGN OF MACHINE MEMBERS II	22	39	3
14BJ5A0323	RT32034	ROBOTICS	21	27	3
14BJ5A0323	RT32035	HEAT TRANSFER	25	40	3
14BJ5A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	44	3
14BJ5A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	23	17	0
14BJ5A0323	RT32038	HEAT TRANSFER LAB	24	46	2
14BJ5A0324	RT32031	OPERATIONS RESEARCH	23	29	3
14BJ5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
14BJ5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	15	33	3
14BJ5A0324	RT32034	ROBOTICS	18	31	3
14BJ5A0324	RT32035	HEAT TRANSFER	20	49	3
14BJ5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	35	3
14BJ5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	24	30	3
14BJ5A0324	RT32038	HEAT TRANSFER LAB	21	38	2
14BJ5A0325	RT32031	OPERATIONS RESEARCH	15	25	3
14BJ5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	10	0
14BJ5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
14BJ5A0325	RT32034	ROBOTICS	21	24	3
14BJ5A0325	RT32035	HEAT TRANSFER	26	0	0
14BJ5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	41	3
14BJ5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	22	2	0
14BJ5A0325	RT32038	HEAT TRANSFER LAB	24	46	2
14BJ5A0326	RT32031	OPERATIONS RESEARCH	13	14	0
14BJ5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
14BJ5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	14	26	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0326	RT32034	ROBOTICS	21	24	3
14BJ5A0326	RT32035	HEAT TRANSFER	22	17	0
14BJ5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	30	3
14BJ5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	18	24	3
14BJ5A0326	RT32038	HEAT TRANSFER LAB	24	46	2
14BJ5A0327	RT32031	OPERATIONS RESEARCH	11	2	0
14BJ5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
14BJ5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
14BJ5A0327	RT32034	ROBOTICS	17	16	0
14BJ5A0327	RT32035	HEAT TRANSFER	20	24	3
14BJ5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	28	3
14BJ5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	21	0	0
14BJ5A0327	RT32038	HEAT TRANSFER LAB	23	40	2
14BJ5A0328	RT32031	OPERATIONS RESEARCH	17	29	3
14BJ5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
14BJ5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	16	30	3
14BJ5A0328	RT32034	ROBOTICS	20	29	3
14BJ5A0328	RT32035	HEAT TRANSFER	21	36	3
14BJ5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	36	3
14BJ5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	21	29	3
14BJ5A0328	RT32038	HEAT TRANSFER LAB	21	36	2
14BJ5A0329	RT32031	OPERATIONS RESEARCH	17	24	3
14BJ5A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
14BJ5A0329	RT32033	DESIGN OF MACHINE MEMBERS II	13	11	0
14BJ5A0329	RT32034	ROBOTICS	23	25	3
14BJ5A0329	RT32035	HEAT TRANSFER	22	5	0
14BJ5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	36	3
14BJ5A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	24	6	0
14BJ5A0329	RT32038	HEAT TRANSFER LAB	24	46	2
14BJ5A0330	RT32031	OPERATIONS RESEARCH	21	37	3
14BJ5A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	57	3
14BJ5A0330	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
14BJ5A0330	RT32034	ROBOTICS	23	32	3
14BJ5A0330	RT32035	HEAT TRANSFER	20	25	3
14BJ5A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	30	3
14BJ5A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	22	34	3
14BJ5A0330	RT32038	HEAT TRANSFER LAB	20	42	2
14BJ5A0331	RT32031	OPERATIONS RESEARCH	5	-2	0
14BJ5A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	-2	0
14BJ5A0331	RT32033	DESIGN OF MACHINE MEMBERS II	0	-2	0
14BJ5A0331	RT32034	ROBOTICS	3	-2	0
14BJ5A0331	RT32035	HEAT TRANSFER	3	-2	0
14BJ5A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-2	0
14BJ5A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-2	0
14BJ5A0331	RT32038	HEAT TRANSFER LAB	19	-2	0
14BJ5A0332	RT32031	OPERATIONS RESEARCH	22	27	3
14BJ5A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	13	0
14BJ5A0332	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
14BJ5A0332	RT32034	ROBOTICS	21	24	3
14BJ5A0332	RT32035	HEAT TRANSFER	21	36	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	25	3
14BJ5A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
14BJ5A0332	RT32038	HEAT TRANSFER LAB	21	46	2
14BJ5A0333	RT32031	OPERATIONS RESEARCH	18	24	3
14BJ5A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
14BJ5A0333	RT32033	DESIGN OF MACHINE MEMBERS II	17	11	0
14BJ5A0333	RT32034	ROBOTICS	20	24	3
14BJ5A0333	RT32035	HEAT TRANSFER	24	6	0
14BJ5A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	61	3
14BJ5A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
14BJ5A0333	RT32038	HEAT TRANSFER LAB	22	42	2
14BJ5A0334	RT32031	OPERATIONS RESEARCH	20	24	3
14BJ5A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	45	3
14BJ5A0334	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
14BJ5A0334	RT32034	ROBOTICS	18	40	3
14BJ5A0334	RT32035	HEAT TRANSFER	24	36	3
14BJ5A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	31	3
14BJ5A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	22	39	3
14BJ5A0334	RT32038	HEAT TRANSFER LAB	24	48	2
14BJ5A0335	RT32031	OPERATIONS RESEARCH	13	5	0
14BJ5A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	17	0
14BJ5A0335	RT32033	DESIGN OF MACHINE MEMBERS II	6	14	0
14BJ5A0335	RT32034	ROBOTICS	18	27	3
14BJ5A0335	RT32035	HEAT TRANSFER	22	29	3
14BJ5A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	50	3
14BJ5A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
14BJ5A0335	RT32038	HEAT TRANSFER LAB	24	38	2
14BJ5A0336	RT32031	OPERATIONS RESEARCH	12	10	0
14BJ5A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	18	0
14BJ5A0336	RT32033	DESIGN OF MACHINE MEMBERS II	18	4	0
14BJ5A0336	RT32034	ROBOTICS	20	15	0
14BJ5A0336	RT32035	HEAT TRANSFER	19	24	3
14BJ5A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	16	0
14BJ5A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	19	17	0
14BJ5A0336	RT32038	HEAT TRANSFER LAB	20	38	2
14BJ5A0337	RT32031	OPERATIONS RESEARCH	25	34	3
14BJ5A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	30	3
14BJ5A0337	RT32033	DESIGN OF MACHINE MEMBERS II	20	28	3
14BJ5A0337	RT32034	ROBOTICS	22	26	3
14BJ5A0337	RT32035	HEAT TRANSFER	23	8	0
14BJ5A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	48	3
14BJ5A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	25	8	0
14BJ5A0337	RT32038	HEAT TRANSFER LAB	24	48	2
14BJ5A0338	RT32031	OPERATIONS RESEARCH	0	-1	0
14BJ5A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	-1	0
14BJ5A0338	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
14BJ5A0338	RT32034	ROBOTICS	3	-1	0
14BJ5A0338	RT32035	HEAT TRANSFER	3	-1	0
14BJ5A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	-1	0
14BJ5A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	3	-1	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0338	RT32038	HEAT TRANSFER LAB	17	38	2
14BJ5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	44	3
14BJ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	21	9	0
14BJ5A0402	RT32043	DIGITAL COMMUNICATIONS	22	13	0
14BJ5A0402	RT32044	MICROWAVE ENGINEERING	24	29	3
14BJ5A0402	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
14BJ5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
14BJ5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0402	RT32049	SEMINAR	48	0	1
14BJ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	52	3
14BJ5A0403	RT32042	DIGITAL SIGNAL PROCESSING	24	27	3
14BJ5A0403	RT32043	DIGITAL COMMUNICATIONS	24	52	3
14BJ5A0403	RT32044	MICROWAVE ENGINEERING	25	44	3
14BJ5A0403	RT32045A	BIO MEDICAL ENGINEERING	26	42	3
14BJ5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	50	2
14BJ5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0403	RT32049	SEMINAR	49	0	1
14BJ5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	36	3
14BJ5A0404	RT32042	DIGITAL SIGNAL PROCESSING	13	5	0
14BJ5A0404	RT32043	DIGITAL COMMUNICATIONS	20	27	3
14BJ5A0404	RT32044	MICROWAVE ENGINEERING	19	8	0
14BJ5A0404	RT32045A	BIO MEDICAL ENGINEERING	26	34	3
14BJ5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
14BJ5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
14BJ5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ5A0404	RT32049	SEMINAR	42	0	1
14BJ5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	37	3
14BJ5A0406	RT32042	DIGITAL SIGNAL PROCESSING	26	40	3
14BJ5A0406	RT32043	DIGITAL COMMUNICATIONS	23	29	3
14BJ5A0406	RT32044	MICROWAVE ENGINEERING	25	44	3
14BJ5A0406	RT32045A	BIO MEDICAL ENGINEERING	23	42	3
14BJ5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
14BJ5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
14BJ5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0406	RT32049	SEMINAR	49	0	1
14BJ5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	36	3
14BJ5A0407	RT32042	DIGITAL SIGNAL PROCESSING	24	13	0
14BJ5A0407	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ5A0407	RT32044	MICROWAVE ENGINEERING	26	30	3
14BJ5A0407	RT32045A	BIO MEDICAL ENGINEERING	25	52	3
14BJ5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0407	RT32049	SEMINAR	48	0	1
14BJ5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	55	3
14BJ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
14BJ5A0408	RT32043	DIGITAL COMMUNICATIONS	23	49	3
14BJ5A0408	RT32044	MICROWAVE ENGINEERING	22	41	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0408	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
14BJ5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
14BJ5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14BJ5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0408	RT32049	SEMINAR	49	0	1
14BJ5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	27	3
14BJ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	5	0
14BJ5A0409	RT32043	DIGITAL COMMUNICATIONS	20	24	3
14BJ5A0409	RT32044	MICROWAVE ENGINEERING	21	2	0
14BJ5A0409	RT32045A	BIO MEDICAL ENGINEERING	21	26	3
14BJ5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0409	RT32049	SEMINAR	48	0	1
14BJ5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	0	0
14BJ5A0410	RT32042	DIGITAL SIGNAL PROCESSING	12	4	0
14BJ5A0410	RT32043	DIGITAL COMMUNICATIONS	11	3	0
14BJ5A0410	RT32044	MICROWAVE ENGINEERING	11	0	0
14BJ5A0410	RT32045A	BIO MEDICAL ENGINEERING	9	3	0
14BJ5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	38	2
14BJ5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	15	30	2
14BJ5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	46	2
14BJ5A0410	RT32049	SEMINAR	40	0	1
14BJ5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	-1	0
14BJ5A0411	RT32042	DIGITAL SIGNAL PROCESSING	12	-1	0
14BJ5A0411	RT32043	DIGITAL COMMUNICATIONS	0	-1	0
14BJ5A0411	RT32044	MICROWAVE ENGINEERING	19	-1	0
14BJ5A0411	RT32045A	BIO MEDICAL ENGINEERING	21	-1	0
14BJ5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
14BJ5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	15	-1	0
14BJ5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
14BJ5A0411	RT32049	SEMINAR	48	0	1
14BJ5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	50	3
14BJ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
14BJ5A0412	RT32043	DIGITAL COMMUNICATIONS	21	30	3
14BJ5A0412	RT32044	MICROWAVE ENGINEERING	21	34	3
14BJ5A0412	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
14BJ5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
14BJ5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
14BJ5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
14BJ5A0412	RT32049	SEMINAR	48	0	1
14BJ5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	-1	0
14BJ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	22	3	0
14BJ5A0413	RT32043	DIGITAL COMMUNICATIONS	23	2	0
14BJ5A0413	RT32044	MICROWAVE ENGINEERING	19	4	0
14BJ5A0413	RT32045A	BIO MEDICAL ENGINEERING	21	9	0
14BJ5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14BJ5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0413	RT32049	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	50	3
14BJ5A0414	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
14BJ5A0414	RT32043	DIGITAL COMMUNICATIONS	25	46	3
14BJ5A0414	RT32044	MICROWAVE ENGINEERING	26	44	3
14BJ5A0414	RT32045A	BIO MEDICAL ENGINEERING	24	39	3
14BJ5A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ5A0414	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
14BJ5A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0414	RT32049	SEMINAR	49	0	1
14BJ5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	63	3
14BJ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	24	32	3
14BJ5A0416	RT32043	DIGITAL COMMUNICATIONS	26	26	3
14BJ5A0416	RT32044	MICROWAVE ENGINEERING	27	51	3
14BJ5A0416	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
14BJ5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14BJ5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
14BJ5A0416	RT32049	SEMINAR	49	0	1
14BJ5A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	46	3
14BJ5A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
14BJ5A0417	RT32043	DIGITAL COMMUNICATIONS	25	54	3
14BJ5A0417	RT32044	MICROWAVE ENGINEERING	26	40	3
14BJ5A0417	RT32045A	BIO MEDICAL ENGINEERING	26	46	3
14BJ5A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ5A0417	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ5A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0417	RT32049	SEMINAR	50	0	1
14BJ5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	47	3
14BJ5A0418	RT32042	DIGITAL SIGNAL PROCESSING	25	34	3
14BJ5A0418	RT32043	DIGITAL COMMUNICATIONS	23	44	3
14BJ5A0418	RT32044	MICROWAVE ENGINEERING	24	34	3
14BJ5A0418	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
14BJ5A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ5A0418	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ5A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0418	RT32049	SEMINAR	49	0	1
14BJ5A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	13	0
14BJ5A0419	RT32042	DIGITAL SIGNAL PROCESSING	23	28	3
14BJ5A0419	RT32043	DIGITAL COMMUNICATIONS	22	14	0
14BJ5A0419	RT32044	MICROWAVE ENGINEERING	22	34	3
14BJ5A0419	RT32045A	BIO MEDICAL ENGINEERING	23	31	3
14BJ5A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ5A0419	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ5A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14BJ5A0419	RT32049	SEMINAR	48	0	1
14BJ5A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	11	0
14BJ5A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	6	0
14BJ5A0420	RT32043	DIGITAL COMMUNICATIONS	22	8	0
14BJ5A0420	RT32044	MICROWAVE ENGINEERING	18	8	0
14BJ5A0420	RT32045A	BIO MEDICAL ENGINEERING	18	29	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
14BJ5A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ5A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14BJ5A0420	RT32049	SEMINAR	44	0	1
14BJ5A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	41	3
14BJ5A0422	RT32042	DIGITAL SIGNAL PROCESSING	23	27	3
14BJ5A0422	RT32043	DIGITAL COMMUNICATIONS	24	31	3
14BJ5A0422	RT32044	MICROWAVE ENGINEERING	23	39	3
14BJ5A0422	RT32045A	BIO MEDICAL ENGINEERING	24	45	3
14BJ5A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ5A0422	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ5A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
14BJ5A0422	RT32049	SEMINAR	49	0	1
14BJ5A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
14BJ5A0423	RT32042	DIGITAL SIGNAL PROCESSING	24	34	3
14BJ5A0423	RT32043	DIGITAL COMMUNICATIONS	23	42	3
14BJ5A0423	RT32044	MICROWAVE ENGINEERING	20	27	3
14BJ5A0423	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
14BJ5A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ5A0423	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ5A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2
14BJ5A0423	RT32049	SEMINAR	49	0	1
14BJ5A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	39	3
14BJ5A0424	RT32042	DIGITAL SIGNAL PROCESSING	24	34	3
14BJ5A0424	RT32043	DIGITAL COMMUNICATIONS	23	24	3
14BJ5A0424	RT32044	MICROWAVE ENGINEERING	20	49	3
14BJ5A0424	RT32045A	BIO MEDICAL ENGINEERING	19	39	3
14BJ5A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ5A0424	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ5A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14BJ5A0424	RT32049	SEMINAR	48	0	1
14BJ5A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	27	3
14BJ5A0425	RT32042	DIGITAL SIGNAL PROCESSING	23	5	0
14BJ5A0425	RT32043	DIGITAL COMMUNICATIONS	21	11	0
14BJ5A0425	RT32044	MICROWAVE ENGINEERING	23	14	0
14BJ5A0425	RT32045A	BIO MEDICAL ENGINEERING	22	26	3
14BJ5A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ5A0425	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ5A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14BJ5A0425	RT32049	SEMINAR	49	0	1
14BJ5A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	55	3
14BJ5A0427	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
14BJ5A0427	RT32043	DIGITAL COMMUNICATIONS	24	44	3
14BJ5A0427	RT32044	MICROWAVE ENGINEERING	24	36	3
14BJ5A0427	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
14BJ5A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14BJ5A0427	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
14BJ5A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
14BJ5A0427	RT32049	SEMINAR	49	0	1
14BJ5A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	26	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0429	RT32042	DIGITAL SIGNAL PROCESSING	21	14	0
14BJ5A0429	RT32043	DIGITAL COMMUNICATIONS	19	24	3
14BJ5A0429	RT32044	MICROWAVE ENGINEERING	21	2	0
14BJ5A0429	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
14BJ5A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ5A0429	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ5A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
14BJ5A0429	RT32049	SEMINAR	48	0	1
14BJ5A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	45	3
14BJ5A0430	RT32042	DIGITAL SIGNAL PROCESSING	23	46	3
14BJ5A0430	RT32043	DIGITAL COMMUNICATIONS	25	42	3
14BJ5A0430	RT32044	MICROWAVE ENGINEERING	24	48	3
14BJ5A0430	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
14BJ5A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ5A0430	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
14BJ5A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ5A0430	RT32049	SEMINAR	47	0	1
14BJ5A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
14BJ5A0431	RT32042	DIGITAL SIGNAL PROCESSING	23	27	3
14BJ5A0431	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ5A0431	RT32044	MICROWAVE ENGINEERING	25	47	3
14BJ5A0431	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
14BJ5A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
14BJ5A0431	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ5A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14BJ5A0431	RT32049	SEMINAR	47	0	1
14BJ5A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	31	3
14BJ5A0432	RT32042	DIGITAL SIGNAL PROCESSING	23	26	3
14BJ5A0432	RT32043	DIGITAL COMMUNICATIONS	22	24	3
14BJ5A0432	RT32044	MICROWAVE ENGINEERING	21	24	3
14BJ5A0432	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
14BJ5A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
14BJ5A0432	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
14BJ5A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
14BJ5A0432	RT32049	SEMINAR	47	0	1
14BJ5A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	8	0
14BJ5A0433	RT32042	DIGITAL SIGNAL PROCESSING	18	34	3
14BJ5A0433	RT32043	DIGITAL COMMUNICATIONS	19	11	0
14BJ5A0433	RT32044	MICROWAVE ENGINEERING	18	0	0
14BJ5A0433	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
14BJ5A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	45	2
14BJ5A0433	RT32047	DIGITAL COMMUNICATIONS LAB	15	42	2
14BJ5A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14BJ5A0433	RT32049	SEMINAR	44	0	1
14BJ5A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	34	3
14BJ5A0434	RT32042	DIGITAL SIGNAL PROCESSING	24	41	3
14BJ5A0434	RT32043	DIGITAL COMMUNICATIONS	25	35	3
14BJ5A0434	RT32044	MICROWAVE ENGINEERING	23	37	3
14BJ5A0434	RT32045A	BIO MEDICAL ENGINEERING	19	49	3
14BJ5A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0434	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ5A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
14BJ5A0434	RT32049	SEMINAR	48	0	1
14BJ5A0501	RT32051	SOFTWARE ENGINEERING	19	31	3
14BJ5A0501	RT32052	DATA WARE HOUSING AND MINING	19	37	3
14BJ5A0501	RT32053	COMPUTER NETWORKS	22	14	0
14BJ5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	27	3
14BJ5A0501	RT32055	WEB TECHNOLOGIES	15	30	3
14BJ5A0501	RT32056	IPR AND PATENTS	15	28	2
14BJ5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
14BJ5A0501	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
14BJ5A0501	RT32059	WEB TECHNOLOGIES LAB	17	40	2
14BJ5A0502	RT32051	SOFTWARE ENGINEERING	24	45	3
14BJ5A0502	RT32052	DATA WARE HOUSING AND MINING	23	47	3
14BJ5A0502	RT32053	COMPUTER NETWORKS	22	16	0
14BJ5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
14BJ5A0502	RT32055	WEB TECHNOLOGIES	24	26	3
14BJ5A0502	RT32056	IPR AND PATENTS	22	28	2
14BJ5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
14BJ5A0502	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
14BJ5A0502	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14BJ5A0503	RT32051	SOFTWARE ENGINEERING	18	11	0
14BJ5A0503	RT32052	DATA WARE HOUSING AND MINING	23	33	3
14BJ5A0503	RT32053	COMPUTER NETWORKS	20	27	3
14BJ5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14BJ5A0503	RT32055	WEB TECHNOLOGIES	15	17	0
14BJ5A0503	RT32056	IPR AND PATENTS	16	30	2
14BJ5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
14BJ5A0503	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
14BJ5A0503	RT32059	WEB TECHNOLOGIES LAB	23	44	2
14BJ5A0504	RT32051	SOFTWARE ENGINEERING	26	39	3
14BJ5A0504	RT32052	DATA WARE HOUSING AND MINING	21	33	3
14BJ5A0504	RT32053	COMPUTER NETWORKS	25	46	3
14BJ5A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	35	3
14BJ5A0504	RT32055	WEB TECHNOLOGIES	21	35	3
14BJ5A0504	RT32056	IPR AND PATENTS	24	47	2
14BJ5A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
14BJ5A0504	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ5A0504	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14BJ5A0505	RT32051	SOFTWARE ENGINEERING	16	24	3
14BJ5A0505	RT32052	DATA WARE HOUSING AND MINING	19	15	0
14BJ5A0505	RT32053	COMPUTER NETWORKS	20	20	0
14BJ5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	19	0
14BJ5A0505	RT32055	WEB TECHNOLOGIES	15	21	0
14BJ5A0505	RT32056	IPR AND PATENTS	19	24	2
14BJ5A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
14BJ5A0505	RT32058	SOFTWARE ENGINEERING LAB	19	46	2
14BJ5A0505	RT32059	WEB TECHNOLOGIES LAB	21	41	2
14BJ5A0506	RT32051	SOFTWARE ENGINEERING	23	50	3
14BJ5A0506	RT32052	DATA WARE HOUSING AND MINING	23	52	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0506	RT32053	COMPUTER NETWORKS	23	24	3
14BJ5A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
14BJ5A0506	RT32055	WEB TECHNOLOGIES	17	16	0
14BJ5A0506	RT32056	IPR AND PATENTS	22	42	2
14BJ5A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
14BJ5A0506	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
14BJ5A0506	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14BJ5A0507	RT32051	SOFTWARE ENGINEERING	20	39	3
14BJ5A0507	RT32052	DATA WARE HOUSING AND MINING	22	38	3
14BJ5A0507	RT32053	COMPUTER NETWORKS	24	26	3
14BJ5A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
14BJ5A0507	RT32055	WEB TECHNOLOGIES	22	30	3
14BJ5A0507	RT32056	IPR AND PATENTS	20	32	2
14BJ5A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
14BJ5A0507	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
14BJ5A0507	RT32059	WEB TECHNOLOGIES LAB	17	42	2
14BJ5A0508	RT32051	SOFTWARE ENGINEERING	18	24	3
14BJ5A0508	RT32052	DATA WARE HOUSING AND MINING	23	14	0
14BJ5A0508	RT32053	COMPUTER NETWORKS	22	28	3
14BJ5A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	3	0
14BJ5A0508	RT32055	WEB TECHNOLOGIES	19	3	0
14BJ5A0508	RT32056	IPR AND PATENTS	21	34	2
14BJ5A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
14BJ5A0508	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
14BJ5A0508	RT32059	WEB TECHNOLOGIES LAB	17	44	2
14BJ5A0509	RT32051	SOFTWARE ENGINEERING	23	27	3
14BJ5A0509	RT32052	DATA WARE HOUSING AND MINING	24	24	3
14BJ5A0509	RT32053	COMPUTER NETWORKS	23	15	0
14BJ5A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
14BJ5A0509	RT32055	WEB TECHNOLOGIES	15	26	3
14BJ5A0509	RT32056	IPR AND PATENTS	22	33	2
14BJ5A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
14BJ5A0509	RT32058	SOFTWARE ENGINEERING LAB	19	46	2
14BJ5A0509	RT32059	WEB TECHNOLOGIES LAB	20	41	2
14BJ5A0510	RT32051	SOFTWARE ENGINEERING	17	28	3
14BJ5A0510	RT32052	DATA WARE HOUSING AND MINING	17	39	3
14BJ5A0510	RT32053	COMPUTER NETWORKS	19	7	0
14BJ5A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	10	0
14BJ5A0510	RT32055	WEB TECHNOLOGIES	9	7	0
14BJ5A0510	RT32056	IPR AND PATENTS	13	28	2
14BJ5A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
14BJ5A0510	RT32058	SOFTWARE ENGINEERING LAB	18	37	2
14BJ5A0510	RT32059	WEB TECHNOLOGIES LAB	16	40	2

****Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 29-06-2016.

**** Note:****

* -1 in the filed of externals indicates student absent for the respective subject.

* -2 in the filed of externals indicates student Withheld for the respective subject.

* -3 in the filed of externals indicates student Malpractice for the respective subject.

Date:23-06-2016

Controller of Examinations