



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech[R13,R10,R07,R05] | Semester Regular/Supplementary Examinations Nov-2015

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

Htno	Subcode	Subname	Internal	External	credits
08BJ1A0440	V3118	ANTENNAS AND WAVE PROPAGATION	13	-1	0
08BJ1A0440	V3120	LINEAR IC APPLICATIONS	12	-1	0
08BJ1A0458	V3121	DIGITAL IC APPLICATIONS	11	-1	0
08BJ1A0565	V3123	DESIGN AND ANALYSIS OF ALGORITHMS	6	-1	0
08BJ1A0565	V3124	DATA COMMUNICATION SYSTEMS	6	-1	0
08BJ1A0565	V3125	COMPUTER GRAPHICS	6	-1	0
08BJ1A0565	V3126	SOFTWARE TESTING METHODOLOGIES	6	-1	0
08BJ1A0565	V3127	FORMAL LANGUAGES AND AUTOMATA THEORY	12	-1	0
08BJ1A0565	V3128	MICRO PROCESSORS AND INTERFACING	6	-1	0
09BJ1A0314	R31033	DYNAMICS OF MACHINERY	15	0	0
09BJ1A0314	R31034	THERMAL ENGINEERING-II	16	9	0
09BJ1A0316	R31032	OPERATIONS RESEARCH	12	-1	0
09BJ1A0421	R31042	DIGITAL IC APPLICATIONS	13	-1	0
09BJ1A0516	R31052	COMPUTER NETWORKS	10	10	0
09BJ1A0526	R31052	COMPUTER NETWORKS	17	8	0
09BJ5A0201	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	-1	0
109T1A0406	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	-1	0
109T1A0406	R31042	DIGITAL IC APPLICATIONS	10	-1	0
109T1A0406	R31043	LINEAR IC APPLICATIONS	9	-1	0
109T1A0406	R31045	ANTENNAS AND WAVE PROPAGATION	15	-1	0
10BJ1A0205	R31022	ELECTRICAL MEASUREMENT	16	0	0
10BJ1A0205	R31025	ELECTRICAL MACHINES-III	16	20	0
10BJ1A0235	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	15	-1	0
10BJ1A0235	R31024	POWER ELECTRONICS	10	-1	0
10BJ1A0235	R31025	ELECTRICAL MACHINES-III	16	20	0
10BJ1A0237	R31022	ELECTRICAL MEASUREMENT	11	0	0
10BJ1A0248	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	2	-1	0
10BJ1A0248	R31023	POWER SYSTEMS-II	10	0	0
10BJ1A0306	R31031	FINITE ELEMENT METHODS	14	-1	0
10BJ1A0306	R31035	DESIGN OF MACHINE MEMBERS-I	19	-1	0
10BJ1A0311	R31032	OPERATIONS RESEARCH	11	-1	0
10BJ1A0311	R31035	DESIGN OF MACHINE MEMBERS-I	12	-1	0
10BJ1A0420	R31042	DIGITAL IC APPLICATIONS	15	3	0
10BJ1A0420	R31043	LINEAR IC APPLICATIONS	15	7	0
10BJ1A0420	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	13	16	0
10BJ1A0421	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	-1	0
10BJ1A0421	R31042	DIGITAL IC APPLICATIONS	15	0	0
10BJ1A0421	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	-1	0
10BJ1A0422	R31043	LINEAR IC APPLICATIONS	17	-1	0
10BJ1A0430	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	-1	0
10BJ1A0441	R31042	DIGITAL IC APPLICATIONS	13	0	0
10BJ1A0443	R31043	LINEAR IC APPLICATIONS	13	31	4
10BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	2	16	0
10BJ1A0451	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	20	8	0
10BJ1A0451	R31042	DIGITAL IC APPLICATIONS	17	0	0
10BJ1A0451	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	15	-1	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0535	R31054	COMPUTER GRAPHICS	11	30	4
10BJ1A0570	R31052	COMPUTER NETWORKS	11	5	0
10BJ1A0570	R31053	ADVANCED DATA STRUCTURES	12	8	0
10BJ1A0570	R31054	COMPUTER GRAPHICS	17	2	0
10BJ1A0570	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	14	0
11A91A0293	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	-1	0
11A91A0293	R31022	ELECTRICAL MEASUREMENT	14	-1	0
11A91A0293	R31023	POWER SYSTEMS-II	13	-1	0
11A91A0293	R31026	LINEAR & DIGITAL IC APPLICATION	19	-1	0
11BJ1A0305	R31034	THERMAL ENGINEERING-II	16	8	0
11BJ1A0307	R31033	DYNAMICS OF MACHINERY	14	3	0
11BJ1A0307	R31036	METAL CUTTING & MACHINE TOOLS	14	36	4
11BJ1A0312	R31031	FINITE ELEMENT METHODS	13	32	4
11BJ1A0312	R31032	OPERATIONS RESEARCH	11	12	0
11BJ1A0312	R31035	DESIGN OF MACHINE MEMBERS-I	11	17	0
11BJ1A0312	R31036	METAL CUTTING & MACHINE TOOLS	14	18	0
11BJ1A0316	R31031	FINITE ELEMENT METHODS	12	-1	0
11BJ1A0316	R31032	OPERATIONS RESEARCH	9	6	0
11BJ1A0316	R31033	DYNAMICS OF MACHINERY	12	0	0
11BJ1A0316	R31034	THERMAL ENGINEERING-II	14	10	0
11BJ1A0316	R31035	DESIGN OF MACHINE MEMBERS-I	9	1	0
11BJ1A0316	R31036	METAL CUTTING & MACHINE TOOLS	14	12	0
11BJ1A0320	R31034	THERMAL ENGINEERING-II	14	7	0
11BJ1A0324	R31031	FINITE ELEMENT METHODS	17	-1	0
11BJ1A0324	R31032	OPERATIONS RESEARCH	9	-1	0
11BJ1A0324	R31033	DYNAMICS OF MACHINERY	12	0	0
11BJ1A0324	R31034	THERMAL ENGINEERING-II	12	-1	0
11BJ1A0324	R31035	DESIGN OF MACHINE MEMBERS-I	13	-1	0
11BJ1A0324	R31036	METAL CUTTING & MACHINE TOOLS	12	-1	0
11BJ1A0326	R31031	FINITE ELEMENT METHODS	15	19	0
11BJ1A0410	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	19	12	0
11BJ1A0410	R31042	DIGITAL IC APPLICATIONS	16	10	0
11BJ1A0410	R31043	LINEAR IC APPLICATIONS	18	35	4
11BJ1A0410	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	14	0
11BJ1A0417	R31046	DIGITAL COMMUNICATIONS	23	-1	0
11BJ1A0419	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	4	0
11BJ1A0423	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	16	-1	0
11BJ1A0423	R31042	DIGITAL IC APPLICATIONS	3	0	0
11BJ1A0423	R31043	LINEAR IC APPLICATIONS	5	0	0
11BJ1A0423	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	3	-1	0
11BJ1A0423	R31045	ANTENNAS AND WAVE PROPAGATION	4	-1	0
11BJ1A0426	R31042	DIGITAL IC APPLICATIONS	15	0	0
11BJ1A0426	R31043	LINEAR IC APPLICATIONS	15	2	0
11BJ1A0426	R31045	ANTENNAS AND WAVE PROPAGATION	17	6	0
11BJ1A0426	R31046	DIGITAL COMMUNICATIONS	13	4	0
11BJ1A0428	R31043	LINEAR IC APPLICATIONS	24	33	4
11BJ1A0432	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	11	-1	0
11BJ1A0432	R31042	DIGITAL IC APPLICATIONS	12	-1	0
11BJ1A0432	R31043	LINEAR IC APPLICATIONS	5	0	0
11BJ1A0432	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	7	-1	0
11BJ1A0432	R31046	DIGITAL COMMUNICATIONS	6	-1	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0439	R31042	DIGITAL IC APPLICATIONS	10	0	0
11BJ1A0439	R31046	DIGITAL COMMUNICATIONS	14	-1	0
11BJ1A0443	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	-1	0
11BJ1A0443	R31042	DIGITAL IC APPLICATIONS	11	0	0
11BJ1A0443	R31043	LINEAR IC APPLICATIONS	19	0	0
11BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	10	-1	0
11BJ1A0443	R31046	DIGITAL COMMUNICATIONS	11	-1	0
11BJ1A0449	R31046	DIGITAL COMMUNICATIONS	17	31	4
11BJ1A0451	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	-1	0
11BJ1A0451	R31042	DIGITAL IC APPLICATIONS	5	0	0
11BJ1A0451	R31043	LINEAR IC APPLICATIONS	13	-1	0
11BJ1A0451	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	11	-1	0
11BJ1A0451	R31045	ANTENNAS AND WAVE PROPAGATION	10	-1	0
11BJ1A0451	R31046	DIGITAL COMMUNICATIONS	9	-1	0
11BJ1A0453	R31042	DIGITAL IC APPLICATIONS	14	5	0
11BJ1A0466	R31046	DIGITAL COMMUNICATIONS	14	34	4
11BJ1A0467	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	10	-1	0
11BJ1A0467	R31042	DIGITAL IC APPLICATIONS	8	0	0
11BJ1A0467	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	3	-1	0
11BJ1A0528	R31051	COMPILER DESIGN	15	-1	0
11BJ1A0528	R31053	ADVANCED DATA STRUCTURES	16	13	0
12BJ1A0202	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	-1	0
12BJ1A0202	R31022	ELECTRICAL MEASUREMENT	13	-1	0
12BJ1A0202	R31023	POWER SYSTEMS-II	18	-1	0
12BJ1A0202	R31026	LINEAR & DIGITAL IC APPLICATION	18	-1	0
12BJ1A0203	R31026	LINEAR & DIGITAL IC APPLICATION	20	35	4
12BJ1A0205	R31023	POWER SYSTEMS-II	20	20	0
12BJ1A0208	R31022	ELECTRICAL MEASUREMENT	13	0	0
12BJ1A0208	R31023	POWER SYSTEMS-II	16	15	0
12BJ1A0208	R31024	POWER ELECTRONICS	16	1	0
12BJ1A0208	R31025	ELECTRICAL MACHINES-III	14	3	0
12BJ1A0208	R31026	LINEAR & DIGITAL IC APPLICATION	15	33	4
12BJ1A0209	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	19	-1	0
12BJ1A0209	R31022	ELECTRICAL MEASUREMENT	10	0	0
12BJ1A0209	R31023	POWER SYSTEMS-II	8	-1	0
12BJ1A0209	R31024	POWER ELECTRONICS	18	-1	0
12BJ1A0209	R31025	ELECTRICAL MACHINES-III	13	-1	0
12BJ1A0209	R31026	LINEAR & DIGITAL IC APPLICATION	6	-1	0
12BJ1A0210	R31022	ELECTRICAL MEASUREMENT	4	6	0
12BJ1A0210	R31026	LINEAR & DIGITAL IC APPLICATION	17	20	0
12BJ1A0211	R31022	ELECTRICAL MEASUREMENT	16	4	0
12BJ1A0211	R31024	POWER ELECTRONICS	19	11	0
12BJ1A0211	R31026	LINEAR & DIGITAL IC APPLICATION	15	20	0
12BJ1A0212	R31022	ELECTRICAL MEASUREMENT	7	2	0
12BJ1A0212	R31023	POWER SYSTEMS-II	16	13	0
12BJ1A0212	R31024	POWER ELECTRONICS	18	3	0
12BJ1A0212	R31025	ELECTRICAL MACHINES-III	15	0	0
12BJ1A0212	R31026	LINEAR & DIGITAL IC APPLICATION	11	4	0
12BJ1A0214	R31023	POWER SYSTEMS-II	18	30	4
12BJ1A0214	R31026	LINEAR & DIGITAL IC APPLICATION	16	33	4
12BJ1A0216	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	16	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0216	R31022	ELECTRICAL MEASUREMENT	14	4	0
12BJ1A0216	R31026	LINEAR & DIGITAL IC APPLICATION	16	-1	0
12BJ1A0218	R31022	ELECTRICAL MEASUREMENT	7	0	0
12BJ1A0218	R31023	POWER SYSTEMS-II	13	2	0
12BJ1A0218	R31024	POWER ELECTRONICS	18	0	0
12BJ1A0218	R31025	ELECTRICAL MACHINES-III	17	0	0
12BJ1A0218	R31026	LINEAR & DIGITAL IC APPLICATION	18	-1	0
12BJ1A0219	R31024	POWER ELECTRONICS	16	34	4
12BJ1A0219	R31026	LINEAR & DIGITAL IC APPLICATION	13	43	4
12BJ1A0220	R31022	ELECTRICAL MEASUREMENT	12	3	0
12BJ1A0220	R31023	POWER SYSTEMS-II	15	17	0
12BJ1A0220	R31024	POWER ELECTRONICS	13	0	0
12BJ1A0220	R31025	ELECTRICAL MACHINES-III	9	22	0
12BJ1A0221	R31022	ELECTRICAL MEASUREMENT	6	7	0
12BJ1A0221	R31023	POWER SYSTEMS-II	15	32	4
12BJ1A0221	R31024	POWER ELECTRONICS	17	13	0
12BJ1A0221	R31026	LINEAR & DIGITAL IC APPLICATION	6	0	0
12BJ1A0224	R31022	ELECTRICAL MEASUREMENT	15	5	0
12BJ1A0225	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	14	6	0
12BJ1A0225	R31022	ELECTRICAL MEASUREMENT	20	3	0
12BJ1A0225	R31026	LINEAR & DIGITAL IC APPLICATION	17	33	4
12BJ1A0226	R31023	POWER SYSTEMS-II	21	32	4
12BJ1A0226	R31025	ELECTRICAL MACHINES-III	23	14	0
12BJ1A0226	R31026	LINEAR & DIGITAL IC APPLICATION	18	12	0
12BJ1A0227	R31022	ELECTRICAL MEASUREMENT	15	1	0
12BJ1A0227	R31023	POWER SYSTEMS-II	18	18	0
12BJ1A0227	R31026	LINEAR & DIGITAL IC APPLICATION	16	18	0
12BJ1A0228	R31022	ELECTRICAL MEASUREMENT	18	9	0
12BJ1A0228	R31026	LINEAR & DIGITAL IC APPLICATION	15	27	4
12BJ1A0229	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	4	0
12BJ1A0229	R31022	ELECTRICAL MEASUREMENT	14	7	0
12BJ1A0229	R31024	POWER ELECTRONICS	19	11	0
12BJ1A0229	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0232	R31022	ELECTRICAL MEASUREMENT	13	0	0
12BJ1A0232	R31023	POWER SYSTEMS-II	15	11	0
12BJ1A0232	R31024	POWER ELECTRONICS	22	4	0
12BJ1A0232	R31025	ELECTRICAL MACHINES-III	14	3	0
12BJ1A0232	R31026	LINEAR & DIGITAL IC APPLICATION	20	0	0
12BJ1A0233	R31025	ELECTRICAL MACHINES-III	24	27	4
12BJ1A0236	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	13	-1	0
12BJ1A0236	R31023	POWER SYSTEMS-II	16	35	4
12BJ1A0236	R31024	POWER ELECTRONICS	19	2	0
12BJ1A0236	R31025	ELECTRICAL MACHINES-III	15	16	0
12BJ1A0236	R31026	LINEAR & DIGITAL IC APPLICATION	15	16	0
12BJ1A0239	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	25	4	0
12BJ1A0239	R31022	ELECTRICAL MEASUREMENT	18	4	0
12BJ1A0239	R31024	POWER ELECTRONICS	20	6	0
12BJ1A0241	R31022	ELECTRICAL MEASUREMENT	2	1	0
12BJ1A0241	R31023	POWER SYSTEMS-II	13	32	4
12BJ1A0241	R31024	POWER ELECTRONICS	18	6	0
12BJ1A0241	R31025	ELECTRICAL MACHINES-III	17	11	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0241	R31026	LINEAR & DIGITAL IC APPLICATION	10	33	4
12BJ1A0244	R31023	POWER SYSTEMS-II	18	8	0
12BJ1A0244	R31025	ELECTRICAL MACHINES-III	16	2	0
12BJ1A0244	R31026	LINEAR & DIGITAL IC APPLICATION	18	0	0
12BJ1A0245	R31022	ELECTRICAL MEASUREMENT	17	5	0
12BJ1A0245	R31023	POWER SYSTEMS-II	21	33	4
12BJ1A0245	R31026	LINEAR & DIGITAL IC APPLICATION	20	26	4
12BJ1A0246	R31024	POWER ELECTRONICS	21	0	0
12BJ1A0246	R31025	ELECTRICAL MACHINES-III	17	2	0
12BJ1A0246	R31026	LINEAR & DIGITAL IC APPLICATION	18	4	0
12BJ1A0304	R31033	DYNAMICS OF MACHINERY	19	6	0
12BJ1A0306	R31035	DESIGN OF MACHINE MEMBERS-I	17	33	4
12BJ1A0309	R31031	FINITE ELEMENT METHODS	20	0	0
12BJ1A0309	R31032	OPERATIONS RESEARCH	16	4	0
12BJ1A0309	R31033	DYNAMICS OF MACHINERY	18	0	0
12BJ1A0309	R31034	THERMAL ENGINEERING-II	14	26	4
12BJ1A0309	R31035	DESIGN OF MACHINE MEMBERS-I	5	8	0
12BJ1A0309	R31036	METAL CUTTING & MACHINE TOOLS	21	26	4
12BJ1A0311	R31031	FINITE ELEMENT METHODS	20	35	4
12BJ1A0311	R31033	DYNAMICS OF MACHINERY	10	0	0
12BJ1A0311	R31034	THERMAL ENGINEERING-II	19	5	0
12BJ1A0311	R31035	DESIGN OF MACHINE MEMBERS-I	18	31	4
12BJ1A0311	R31036	METAL CUTTING & MACHINE TOOLS	16	31	4
12BJ1A0312	R31031	FINITE ELEMENT METHODS	19	0	0
12BJ1A0312	R31032	OPERATIONS RESEARCH	14	19	0
12BJ1A0312	R31033	DYNAMICS OF MACHINERY	10	0	0
12BJ1A0312	R31034	THERMAL ENGINEERING-II	6	18	0
12BJ1A0313	R31031	FINITE ELEMENT METHODS	18	-1	0
12BJ1A0313	R31032	OPERATIONS RESEARCH	7	1	0
12BJ1A0313	R31033	DYNAMICS OF MACHINERY	13	3	0
12BJ1A0313	R31034	THERMAL ENGINEERING-II	13	-1	0
12BJ1A0313	R31035	DESIGN OF MACHINE MEMBERS-I	11	31	4
12BJ1A0313	R31036	METAL CUTTING & MACHINE TOOLS	21	35	4
12BJ1A0316	R31031	FINITE ELEMENT METHODS	22	5	0
12BJ1A0319	R31031	FINITE ELEMENT METHODS	9	4	0
12BJ1A0319	R31032	OPERATIONS RESEARCH	3	0	0
12BJ1A0319	R31033	DYNAMICS OF MACHINERY	15	0	0
12BJ1A0319	R31034	THERMAL ENGINEERING-II	11	12	0
12BJ1A0319	R31035	DESIGN OF MACHINE MEMBERS-I	11	3	0
12BJ1A0319	R31036	METAL CUTTING & MACHINE TOOLS	23	1	0
12BJ1A0320	R31031	FINITE ELEMENT METHODS	12	7	0
12BJ1A0320	R31032	OPERATIONS RESEARCH	18	0	0
12BJ1A0320	R31033	DYNAMICS OF MACHINERY	14	0	0
12BJ1A0320	R31034	THERMAL ENGINEERING-II	16	11	0
12BJ1A0320	R31035	DESIGN OF MACHINE MEMBERS-I	15	13	0
12BJ1A0320	R31036	METAL CUTTING & MACHINE TOOLS	19	5	0
12BJ1A0321	R31034	THERMAL ENGINEERING-II	20	44	4
12BJ1A0321	R31036	METAL CUTTING & MACHINE TOOLS	23	33	4
12BJ1A0322	R31031	FINITE ELEMENT METHODS	15	0	0
12BJ1A0322	R31032	OPERATIONS RESEARCH	6	6	0
12BJ1A0322	R31033	DYNAMICS OF MACHINERY	8	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0322	R31034	THERMAL ENGINEERING-II	8	8	0
12BJ1A0322	R31035	DESIGN OF MACHINE MEMBERS-I	3	2	0
12BJ1A0322	R31036	METAL CUTTING & MACHINE TOOLS	12	4	0
12BJ1A0325	R31031	FINITE ELEMENT METHODS	22	31	4
12BJ1A0325	R31032	OPERATIONS RESEARCH	22	33	4
12BJ1A0325	R31034	THERMAL ENGINEERING-II	19	45	4
12BJ1A0327	R31031	FINITE ELEMENT METHODS	17	39	4
12BJ1A0327	R31036	METAL CUTTING & MACHINE TOOLS	22	26	4
12BJ1A0328	R31031	FINITE ELEMENT METHODS	20	36	4
12BJ1A0328	R31033	DYNAMICS OF MACHINERY	15	2	0
12BJ1A0329	R31034	THERMAL ENGINEERING-II	8	20	0
12BJ1A0329	R31036	METAL CUTTING & MACHINE TOOLS	13	32	4
12BJ1A0331	R31034	THERMAL ENGINEERING-II	20	31	4
12BJ1A0331	R31036	METAL CUTTING & MACHINE TOOLS	24	26	4
12BJ1A0332	R31031	FINITE ELEMENT METHODS	21	14	0
12BJ1A0333	R31031	FINITE ELEMENT METHODS	14	5	0
12BJ1A0333	R31032	OPERATIONS RESEARCH	15	6	0
12BJ1A0333	R31033	DYNAMICS OF MACHINERY	17	0	0
12BJ1A0333	R31034	THERMAL ENGINEERING-II	19	26	4
12BJ1A0333	R31035	DESIGN OF MACHINE MEMBERS-I	13	30	4
12BJ1A0333	R31036	METAL CUTTING & MACHINE TOOLS	17	28	4
12BJ1A0334	R31035	DESIGN OF MACHINE MEMBERS-I	17	31	4
12BJ1A0334	R31036	METAL CUTTING & MACHINE TOOLS	25	31	4
12BJ1A0337	R31031	FINITE ELEMENT METHODS	20	8	0
12BJ1A0337	R31036	METAL CUTTING & MACHINE TOOLS	22	33	4
12BJ1A0339	R31031	FINITE ELEMENT METHODS	10	-1	0
12BJ1A0339	R31032	OPERATIONS RESEARCH	16	2	0
12BJ1A0339	R31033	DYNAMICS OF MACHINERY	15	2	0
12BJ1A0339	R31034	THERMAL ENGINEERING-II	19	-1	0
12BJ1A0339	R31035	DESIGN OF MACHINE MEMBERS-I	12	13	0
12BJ1A0339	R31036	METAL CUTTING & MACHINE TOOLS	15	5	0
12BJ1A0340	R31031	FINITE ELEMENT METHODS	8	-1	0
12BJ1A0340	R31032	OPERATIONS RESEARCH	2	0	0
12BJ1A0340	R31033	DYNAMICS OF MACHINERY	9	-1	0
12BJ1A0340	R31034	THERMAL ENGINEERING-II	13	-1	0
12BJ1A0340	R31035	DESIGN OF MACHINE MEMBERS-I	9	3	0
12BJ1A0340	R31036	METAL CUTTING & MACHINE TOOLS	17	6	0
12BJ1A0341	R31035	DESIGN OF MACHINE MEMBERS-I	11	31	4
12BJ1A0342	R31032	OPERATIONS RESEARCH	19	13	0
12BJ1A0342	R31034	THERMAL ENGINEERING-II	23	45	4
12BJ1A0343	R31034	THERMAL ENGINEERING-II	4	20	0
12BJ1A0345	R31031	FINITE ELEMENT METHODS	20	31	4
12BJ1A0345	R31034	THERMAL ENGINEERING-II	13	37	4
12BJ1A0347	R31032	OPERATIONS RESEARCH	17	2	0
12BJ1A0347	R31033	DYNAMICS OF MACHINERY	21	0	0
12BJ1A0347	R31034	THERMAL ENGINEERING-II	14	37	4
12BJ1A0347	R31036	METAL CUTTING & MACHINE TOOLS	17	4	0
12BJ1A0348	R31031	FINITE ELEMENT METHODS	14	31	4
12BJ1A0349	R31032	OPERATIONS RESEARCH	16	12	0
12BJ1A0349	R31033	DYNAMICS OF MACHINERY	15	0	0
12BJ1A0349	R31035	DESIGN OF MACHINE MEMBERS-I	13	31	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0349	R31036	METAL CUTTING & MACHINE TOOLS	23	2	0
12BJ1A0350	R31033	DYNAMICS OF MACHINERY	19	12	0
12BJ1A0352	R31034	THERMAL ENGINEERING-II	8	42	4
12BJ1A0353	R31031	FINITE ELEMENT METHODS	21	3	0
12BJ1A0353	R31032	OPERATIONS RESEARCH	4	12	0
12BJ1A0353	R31033	DYNAMICS OF MACHINERY	8	0	0
12BJ1A0353	R31034	THERMAL ENGINEERING-II	16	8	0
12BJ1A0353	R31035	DESIGN OF MACHINE MEMBERS-I	17	38	4
12BJ1A0354	R31031	FINITE ELEMENT METHODS	22	19	0
12BJ1A0354	R31032	OPERATIONS RESEARCH	14	18	0
12BJ1A0354	R31033	DYNAMICS OF MACHINERY	7	3	0
12BJ1A0354	R31036	METAL CUTTING & MACHINE TOOLS	20	27	4
12BJ1A0355	R31032	OPERATIONS RESEARCH	14	39	4
12BJ1A0355	R31035	DESIGN OF MACHINE MEMBERS-I	17	34	4
12BJ1A0358	R31032	OPERATIONS RESEARCH	10	16	0
12BJ1A0358	R31033	DYNAMICS OF MACHINERY	11	1	0
12BJ1A0358	R31034	THERMAL ENGINEERING-II	14	18	0
12BJ1A0359	R31032	OPERATIONS RESEARCH	13	35	4
12BJ1A0361	R31032	OPERATIONS RESEARCH	9	34	4
12BJ1A0362	R31031	FINITE ELEMENT METHODS	14	11	0
12BJ1A0362	R31032	OPERATIONS RESEARCH	2	4	0
12BJ1A0362	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0362	R31034	THERMAL ENGINEERING-II	5	-1	0
12BJ1A0362	R31035	DESIGN OF MACHINE MEMBERS-I	1	6	0
12BJ1A0362	R31036	METAL CUTTING & MACHINE TOOLS	12	4	0
12BJ1A0363	R31031	FINITE ELEMENT METHODS	11	0	0
12BJ1A0363	R31032	OPERATIONS RESEARCH	0	0	0
12BJ1A0363	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0363	R31034	THERMAL ENGINEERING-II	1	-1	0
12BJ1A0363	R31035	DESIGN OF MACHINE MEMBERS-I	4	0	0
12BJ1A0363	R31036	METAL CUTTING & MACHINE TOOLS	16	0	0
12BJ1A0365	R31031	FINITE ELEMENT METHODS	21	-1	0
12BJ1A0365	R31032	OPERATIONS RESEARCH	3	4	0
12BJ1A0365	R31033	DYNAMICS OF MACHINERY	10	0	0
12BJ1A0365	R31034	THERMAL ENGINEERING-II	6	15	0
12BJ1A0365	R31035	DESIGN OF MACHINE MEMBERS-I	17	14	0
12BJ1A0365	R31036	METAL CUTTING & MACHINE TOOLS	15	-1	0
12BJ1A0366	R31032	OPERATIONS RESEARCH	11	47	4
12BJ1A0366	R31034	THERMAL ENGINEERING-II	16	38	4
12BJ1A0367	R31031	FINITE ELEMENT METHODS	20	16	0
12BJ1A0367	R31032	OPERATIONS RESEARCH	5	11	0
12BJ1A0367	R31033	DYNAMICS OF MACHINERY	15	4	0
12BJ1A0367	R31034	THERMAL ENGINEERING-II	17	42	4
12BJ1A0367	R31035	DESIGN OF MACHINE MEMBERS-I	18	26	4
12BJ1A0367	R31036	METAL CUTTING & MACHINE TOOLS	21	26	4
12BJ1A0368	R31036	METAL CUTTING & MACHINE TOOLS	20	27	4
12BJ1A0369	R31031	FINITE ELEMENT METHODS	4	9	0
12BJ1A0369	R31032	OPERATIONS RESEARCH	3	14	0
12BJ1A0369	R31033	DYNAMICS OF MACHINERY	12	8	0
12BJ1A0369	R31034	THERMAL ENGINEERING-II	9	45	4
12BJ1A0369	R31035	DESIGN OF MACHINE MEMBERS-I	0	26	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0371	R31034	THERMAL ENGINEERING-II	13	40	4
12BJ1A0372	R31035	DESIGN OF MACHINE MEMBERS-I	16	33	4
12BJ1A0373	R31031	FINITE ELEMENT METHODS	18	9	0
12BJ1A0373	R31032	OPERATIONS RESEARCH	6	7	0
12BJ1A0373	R31033	DYNAMICS OF MACHINERY	16	0	0
12BJ1A0373	R31034	THERMAL ENGINEERING-II	13	37	4
12BJ1A0373	R31035	DESIGN OF MACHINE MEMBERS-I	15	13	0
12BJ1A0373	R31036	METAL CUTTING & MACHINE TOOLS	17	15	0
12BJ1A0374	R31032	OPERATIONS RESEARCH	8	45	4
12BJ1A0374	R31033	DYNAMICS OF MACHINERY	11	0	0
12BJ1A0374	R31034	THERMAL ENGINEERING-II	11	34	4
12BJ1A0374	R31036	METAL CUTTING & MACHINE TOOLS	15	19	0
12BJ1A0376	R31034	THERMAL ENGINEERING-II	19	43	4
12BJ1A0378	R31033	DYNAMICS OF MACHINERY	16	1	0
12BJ1A0379	R31032	OPERATIONS RESEARCH	8	19	0
12BJ1A0379	R31033	DYNAMICS OF MACHINERY	10	0	0
12BJ1A0379	R31034	THERMAL ENGINEERING-II	13	39	4
12BJ1A0379	R31036	METAL CUTTING & MACHINE TOOLS	19	9	0
12BJ1A0380	R31031	FINITE ELEMENT METHODS	13	7	0
12BJ1A0380	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0380	R31033	DYNAMICS OF MACHINERY	15	0	0
12BJ1A0380	R31034	THERMAL ENGINEERING-II	7	2	0
12BJ1A0380	R31035	DESIGN OF MACHINE MEMBERS-I	15	12	0
12BJ1A0380	R31036	METAL CUTTING & MACHINE TOOLS	16	12	0
12BJ1A0381	R31033	DYNAMICS OF MACHINERY	16	2	0
12BJ1A0382	R31031	FINITE ELEMENT METHODS	13	8	0
12BJ1A0382	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0382	R31034	THERMAL ENGINEERING-II	11	10	0
12BJ1A0382	R31035	DESIGN OF MACHINE MEMBERS-I	10	13	0
12BJ1A0382	R31036	METAL CUTTING & MACHINE TOOLS	17	2	0
12BJ1A0383	R31031	FINITE ELEMENT METHODS	5	-1	0
12BJ1A0383	R31032	OPERATIONS RESEARCH	8	0	0
12BJ1A0383	R31033	DYNAMICS OF MACHINERY	11	0	0
12BJ1A0383	R31034	THERMAL ENGINEERING-II	6	6	0
12BJ1A0383	R31035	DESIGN OF MACHINE MEMBERS-I	7	26	0
12BJ1A0383	R31036	METAL CUTTING & MACHINE TOOLS	17	9	0
12BJ1A0384	R31031	FINITE ELEMENT METHODS	3	-1	0
12BJ1A0384	R31032	OPERATIONS RESEARCH	5	-1	0
12BJ1A0384	R31033	DYNAMICS OF MACHINERY	12	-1	0
12BJ1A0384	R31034	THERMAL ENGINEERING-II	3	-1	0
12BJ1A0384	R31035	DESIGN OF MACHINE MEMBERS-I	0	-1	0
12BJ1A0384	R31036	METAL CUTTING & MACHINE TOOLS	0	-1	0
12BJ1A0386	R31032	OPERATIONS RESEARCH	10	0	0
12BJ1A0386	R31033	DYNAMICS OF MACHINERY	21	0	0
12BJ1A0386	R31034	THERMAL ENGINEERING-II	15	26	4
12BJ1A0386	R31035	DESIGN OF MACHINE MEMBERS-I	21	7	0
12BJ1A0387	R31032	OPERATIONS RESEARCH	11	9	0
12BJ1A0387	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0387	R31035	DESIGN OF MACHINE MEMBERS-I	17	10	0
12BJ1A0387	R31036	METAL CUTTING & MACHINE TOOLS	15	9	0
12BJ1A0388	R31031	FINITE ELEMENT METHODS	22	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0388	R31032	OPERATIONS RESEARCH	6	26	0
12BJ1A0388	R31033	DYNAMICS OF MACHINERY	15	8	0
12BJ1A0388	R31034	THERMAL ENGINEERING-II	6	19	0
12BJ1A0388	R31036	METAL CUTTING & MACHINE TOOLS	14	9	0
12BJ1A0389	R31031	FINITE ELEMENT METHODS	21	12	0
12BJ1A0389	R31032	OPERATIONS RESEARCH	7	17	0
12BJ1A0389	R31033	DYNAMICS OF MACHINERY	15	3	0
12BJ1A0389	R31034	THERMAL ENGINEERING-II	10	30	4
12BJ1A0389	R31035	DESIGN OF MACHINE MEMBERS-I	18	30	4
12BJ1A0390	R31033	DYNAMICS OF MACHINERY	23	2	0
12BJ1A0390	R31034	THERMAL ENGINEERING-II	14	34	4
12BJ1A0390	R31035	DESIGN OF MACHINE MEMBERS-I	18	32	4
12BJ1A0390	R31036	METAL CUTTING & MACHINE TOOLS	20	12	0
12BJ1A0395	R31033	DYNAMICS OF MACHINERY	14	2	0
12BJ1A0395	R31034	THERMAL ENGINEERING-II	9	20	0
12BJ1A0395	R31036	METAL CUTTING & MACHINE TOOLS	15	12	0
12BJ1A0401	R31043	LINEAR IC APPLICATIONS	18	-1	0
12BJ1A0405	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	23	-1	0
12BJ1A0405	R31042	DIGITAL IC APPLICATIONS	19	10	0
12BJ1A0405	R31043	LINEAR IC APPLICATIONS	23	16	0
12BJ1A0405	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	24	16	0
12BJ1A0405	R31045	ANTENNAS AND WAVE PROPAGATION	24	12	0
12BJ1A0405	R31046	DIGITAL COMMUNICATIONS	18	12	0
12BJ1A0410	R31043	LINEAR IC APPLICATIONS	24	6	0
12BJ1A0410	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	24	15	0
12BJ1A0411	R31043	LINEAR IC APPLICATIONS	24	0	0
12BJ1A0411	R31045	ANTENNAS AND WAVE PROPAGATION	21	5	0
12BJ1A0412	R31042	DIGITAL IC APPLICATIONS	21	3	0
12BJ1A0412	R31043	LINEAR IC APPLICATIONS	23	33	4
12BJ1A0420	R31043	LINEAR IC APPLICATIONS	23	12	0
12BJ1A0420	R31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
12BJ1A0423	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	22	17	0
12BJ1A0425	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	13	0
12BJ1A0425	R31042	DIGITAL IC APPLICATIONS	16	2	0
12BJ1A0425	R31045	ANTENNAS AND WAVE PROPAGATION	17	11	0
12BJ1A0427	R31043	LINEAR IC APPLICATIONS	6	8	0
12BJ1A0427	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	10	35	4
12BJ1A0427	R31045	ANTENNAS AND WAVE PROPAGATION	8	11	0
12BJ1A0428	R31042	DIGITAL IC APPLICATIONS	14	29	4
12BJ1A0428	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	30	4
12BJ1A0428	R31045	ANTENNAS AND WAVE PROPAGATION	22	16	0
12BJ1A0428	R31046	DIGITAL COMMUNICATIONS	18	26	4
12BJ1A0429	R31042	DIGITAL IC APPLICATIONS	14	33	4
12BJ1A0429	R31045	ANTENNAS AND WAVE PROPAGATION	22	17	0
12BJ1A0429	R31046	DIGITAL COMMUNICATIONS	16	34	4
12BJ1A0431	R31042	DIGITAL IC APPLICATIONS	14	-1	0
12BJ1A0431	R31043	LINEAR IC APPLICATIONS	17	2	0
12BJ1A0431	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	18	-1	0
12BJ1A0431	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A0431	R31046	DIGITAL COMMUNICATIONS	17	3	0
12BJ1A0432	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	4	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0432	R31042	DIGITAL IC APPLICATIONS	16	0	0
12BJ1A0432	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A0432	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	19	32	4
12BJ1A0432	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A0432	R31046	DIGITAL COMMUNICATIONS	16	12	0
12BJ1A0433	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	7	0
12BJ1A0433	R31042	DIGITAL IC APPLICATIONS	19	4	0
12BJ1A0433	R31043	LINEAR IC APPLICATIONS	23	3	0
12BJ1A0433	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	7	19	0
12BJ1A0433	R31045	ANTENNAS AND WAVE PROPAGATION	22	3	0
12BJ1A0434	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	16	10	0
12BJ1A0434	R31042	DIGITAL IC APPLICATIONS	20	7	0
12BJ1A0434	R31043	LINEAR IC APPLICATIONS	25	12	0
12BJ1A0435	R31045	ANTENNAS AND WAVE PROPAGATION	24	32	4
12BJ1A0437	R31042	DIGITAL IC APPLICATIONS	21	18	0
12BJ1A0437	R31043	LINEAR IC APPLICATIONS	23	30	4
12BJ1A0437	R31045	ANTENNAS AND WAVE PROPAGATION	24	26	4
12BJ1A0438	R31042	DIGITAL IC APPLICATIONS	22	35	4
12BJ1A0439	R31046	DIGITAL COMMUNICATIONS	21	32	4
12BJ1A0440	R31042	DIGITAL IC APPLICATIONS	24	8	0
12BJ1A0440	R31045	ANTENNAS AND WAVE PROPAGATION	24	6	0
12BJ1A0440	R31046	DIGITAL COMMUNICATIONS	24	13	0
12BJ1A0441	R31045	ANTENNAS AND WAVE PROPAGATION	24	35	4
12BJ1A0442	R31042	DIGITAL IC APPLICATIONS	20	31	4
12BJ1A0443	R31042	DIGITAL IC APPLICATIONS	20	1	0
12BJ1A0443	R31043	LINEAR IC APPLICATIONS	21	2	0
12BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	18	0
12BJ1A0443	R31046	DIGITAL COMMUNICATIONS	20	0	0
12BJ1A0444	R31042	DIGITAL IC APPLICATIONS	20	2	0
12BJ1A0444	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A0444	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	22	4	0
12BJ1A0444	R31045	ANTENNAS AND WAVE PROPAGATION	21	3	0
12BJ1A0444	R31046	DIGITAL COMMUNICATIONS	22	8	0
12BJ1A0447	R31043	LINEAR IC APPLICATIONS	19	15	0
12BJ1A0447	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	23	31	4
12BJ1A0447	R31046	DIGITAL COMMUNICATIONS	15	11	0
12BJ1A0448	R31042	DIGITAL IC APPLICATIONS	19	8	0
12BJ1A0448	R31045	ANTENNAS AND WAVE PROPAGATION	22	37	4
12BJ1A0448	R31046	DIGITAL COMMUNICATIONS	21	31	4
12BJ1A0450	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	8	0
12BJ1A0450	R31042	DIGITAL IC APPLICATIONS	5	0	0
12BJ1A0450	R31043	LINEAR IC APPLICATIONS	15	13	0
12BJ1A0450	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	10	35	4
12BJ1A0450	R31045	ANTENNAS AND WAVE PROPAGATION	9	8	0
12BJ1A0450	R31046	DIGITAL COMMUNICATIONS	10	31	4
12BJ1A0451	R31042	DIGITAL IC APPLICATIONS	15	5	0
12BJ1A0451	R31046	DIGITAL COMMUNICATIONS	21	6	0
12BJ1A0452	R31046	DIGITAL COMMUNICATIONS	16	16	0
12BJ1A0453	R31042	DIGITAL IC APPLICATIONS	20	9	0
12BJ1A0453	R31046	DIGITAL COMMUNICATIONS	20	17	0
12BJ1A0454	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	32	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0454	R31042	DIGITAL IC APPLICATIONS	18	9	0
12BJ1A0454	R31043	LINEAR IC APPLICATIONS	19	0	0
12BJ1A0454	R31046	DIGITAL COMMUNICATIONS	21	2	0
12BJ1A0456	R31043	LINEAR IC APPLICATIONS	23	31	4
12BJ1A0456	R31046	DIGITAL COMMUNICATIONS	14	16	0
12BJ1A0457	R31045	ANTENNAS AND WAVE PROPAGATION	24	30	4
12BJ1A0457	R31046	DIGITAL COMMUNICATIONS	16	10	0
12BJ1A0458	R31046	DIGITAL COMMUNICATIONS	19	8	0
12BJ1A0459	R31046	DIGITAL COMMUNICATIONS	19	16	0
12BJ1A0460	R31042	DIGITAL IC APPLICATIONS	20	11	0
12BJ1A0460	R31043	LINEAR IC APPLICATIONS	21	8	0
12BJ1A0460	R31046	DIGITAL COMMUNICATIONS	23	17	0
12BJ1A0461	R31045	ANTENNAS AND WAVE PROPAGATION	24	15	0
12BJ1A0463	R31043	LINEAR IC APPLICATIONS	24	16	0
12BJ1A0463	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	24	31	4
12BJ1A0463	R31046	DIGITAL COMMUNICATIONS	21	10	0
12BJ1A0476	R31045	ANTENNAS AND WAVE PROPAGATION	25	32	4
12BJ1A0480	R31042	DIGITAL IC APPLICATIONS	14	9	0
12BJ1A0480	R31043	LINEAR IC APPLICATIONS	19	12	0
12BJ1A0480	R31045	ANTENNAS AND WAVE PROPAGATION	23	45	4
12BJ1A0480	R31046	DIGITAL COMMUNICATIONS	20	33	4
12BJ1A0481	R31042	DIGITAL IC APPLICATIONS	22	5	0
12BJ1A0481	R31043	LINEAR IC APPLICATIONS	21	12	0
12BJ1A0481	R31045	ANTENNAS AND WAVE PROPAGATION	24	45	4
12BJ1A0482	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	5	0
12BJ1A0482	R31042	DIGITAL IC APPLICATIONS	17	0	0
12BJ1A0482	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A0482	R31046	DIGITAL COMMUNICATIONS	19	3	0
12BJ1A0484	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	11	6	0
12BJ1A0484	R31042	DIGITAL IC APPLICATIONS	22	11	0
12BJ1A0484	R31043	LINEAR IC APPLICATIONS	21	4	0
12BJ1A0484	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	8	0
12BJ1A0484	R31045	ANTENNAS AND WAVE PROPAGATION	20	0	0
12BJ1A0486	R31042	DIGITAL IC APPLICATIONS	23	10	0
12BJ1A0486	R31043	LINEAR IC APPLICATIONS	22	7	0
12BJ1A0486	R31046	DIGITAL COMMUNICATIONS	18	9	0
12BJ1A0489	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	-1	0
12BJ1A0489	R31042	DIGITAL IC APPLICATIONS	16	0	0
12BJ1A0489	R31043	LINEAR IC APPLICATIONS	15	0	0
12BJ1A0489	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	1	0
12BJ1A0489	R31045	ANTENNAS AND WAVE PROPAGATION	17	0	0
12BJ1A0489	R31046	DIGITAL COMMUNICATIONS	19	-1	0
12BJ1A0490	R31042	DIGITAL IC APPLICATIONS	17	4	0
12BJ1A0490	R31043	LINEAR IC APPLICATIONS	16	2	0
12BJ1A0490	R31046	DIGITAL COMMUNICATIONS	18	0	0
12BJ1A0492	R31043	LINEAR IC APPLICATIONS	21	31	4
12BJ1A0492	R31045	ANTENNAS AND WAVE PROPAGATION	22	8	0
12BJ1A0492	R31046	DIGITAL COMMUNICATIONS	16	14	0
12BJ1A0493	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	8	0
12BJ1A0493	R31042	DIGITAL IC APPLICATIONS	18	3	0
12BJ1A0493	R31043	LINEAR IC APPLICATIONS	17	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0493	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	15	7	0
12BJ1A0493	R31045	ANTENNAS AND WAVE PROPAGATION	22	5	0
12BJ1A0494	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	9	0
12BJ1A0494	R31042	DIGITAL IC APPLICATIONS	20	26	4
12BJ1A0494	R31043	LINEAR IC APPLICATIONS	20	28	4
12BJ1A0494	R31045	ANTENNAS AND WAVE PROPAGATION	23	9	0
12BJ1A0494	R31046	DIGITAL COMMUNICATIONS	17	14	0
12BJ1A0497	R31043	LINEAR IC APPLICATIONS	22	34	4
12BJ1A0498	R31045	ANTENNAS AND WAVE PROPAGATION	19	17	0
12BJ1A04A2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	6	11	0
12BJ1A04A2	R31042	DIGITAL IC APPLICATIONS	22	9	0
12BJ1A04A2	R31043	LINEAR IC APPLICATIONS	21	6	0
12BJ1A04A2	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	20	-1	0
12BJ1A04A2	R31045	ANTENNAS AND WAVE PROPAGATION	22	8	0
12BJ1A04A2	R31046	DIGITAL COMMUNICATIONS	19	13	0
12BJ1A04A3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	4	0
12BJ1A04A3	R31042	DIGITAL IC APPLICATIONS	19	0	0
12BJ1A04A3	R31043	LINEAR IC APPLICATIONS	21	4	0
12BJ1A04A3	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	18	0
12BJ1A04A3	R31046	DIGITAL COMMUNICATIONS	21	6	0
12BJ1A04A4	R31042	DIGITAL IC APPLICATIONS	20	6	0
12BJ1A04A4	R31043	LINEAR IC APPLICATIONS	22	-1	0
12BJ1A04A4	R31045	ANTENNAS AND WAVE PROPAGATION	24	9	0
12BJ1A04A4	R31046	DIGITAL COMMUNICATIONS	23	2	0
12BJ1A04A5	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	2	0
12BJ1A04A5	R31042	DIGITAL IC APPLICATIONS	23	0	0
12BJ1A04A5	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A04A5	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	19	5	0
12BJ1A04A5	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A04A5	R31046	DIGITAL COMMUNICATIONS	18	6	0
12BJ1A04A7	R31042	DIGITAL IC APPLICATIONS	20	35	4
12BJ1A04A7	R31043	LINEAR IC APPLICATIONS	19	32	4
12BJ1A04A7	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	20	26	4
12BJ1A04A7	R31045	ANTENNAS AND WAVE PROPAGATION	21	6	0
12BJ1A04A9	R31042	DIGITAL IC APPLICATIONS	23	36	4
12BJ1A04A9	R31043	LINEAR IC APPLICATIONS	23	34	4
12BJ1A04A9	R31045	ANTENNAS AND WAVE PROPAGATION	25	15	0
12BJ1A04B1	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	-1	0
12BJ1A04B1	R31042	DIGITAL IC APPLICATIONS	19	-1	0
12BJ1A04B1	R31043	LINEAR IC APPLICATIONS	21	2	0
12BJ1A04B1	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	18	-1	0
12BJ1A04B1	R31045	ANTENNAS AND WAVE PROPAGATION	23	8	0
12BJ1A04B1	R31046	DIGITAL COMMUNICATIONS	20	6	0
12BJ1A04B2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	-1	0
12BJ1A04B2	R31042	DIGITAL IC APPLICATIONS	22	0	0
12BJ1A04B2	R31043	LINEAR IC APPLICATIONS	19	0	0
12BJ1A04B2	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	2	-1	0
12BJ1A04B2	R31045	ANTENNAS AND WAVE PROPAGATION	8	5	0
12BJ1A04B2	R31046	DIGITAL COMMUNICATIONS	19	0	0
12BJ1A04B3	R31042	DIGITAL IC APPLICATIONS	18	5	0
12BJ1A04B3	R31043	LINEAR IC APPLICATIONS	17	15	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04B3	R31045	ANTENNAS AND WAVE PROPAGATION	22	13	0
12BJ1A04B3	R31046	DIGITAL COMMUNICATIONS	19	14	0
12BJ1A04B8	R31042	DIGITAL IC APPLICATIONS	20	10	0
12BJ1A04B8	R31043	LINEAR IC APPLICATIONS	21	32	4
12BJ1A04C0	PT31041	DATA STRUCTURES	16	-1	0
12BJ1A04C0	PT31042	MANAGEMENT SCIENCE	17	-1	0
12BJ1A04C0	RT31016	IPR & PATENTS	14	14	0
12BJ1A04C0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	0	0
12BJ1A04C0	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	-1	0
12BJ1A04C0	RT31045	ANTENNAS AND WAVE PROPAGATION	14	2	0
12BJ1A04C0	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	-1	0
12BJ1A04C0	RT31048	LICA LAB	14	-1	0
12BJ1A04C0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	-1	0
12BJ1A04C2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	31	4
12BJ1A04C5	R31042	DIGITAL IC APPLICATIONS	24	31	4
12BJ1A04C6	R31045	ANTENNAS AND WAVE PROPAGATION	24	40	4
12BJ1A04C8	R31045	ANTENNAS AND WAVE PROPAGATION	24	18	0
12BJ1A04D1	R31043	LINEAR IC APPLICATIONS	20	3	0
12BJ1A04D2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	5	0
12BJ1A04D2	R31042	DIGITAL IC APPLICATIONS	8	2	0
12BJ1A04D2	R31043	LINEAR IC APPLICATIONS	17	0	0
12BJ1A04D2	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	18	16	0
12BJ1A04D2	R31045	ANTENNAS AND WAVE PROPAGATION	22	3	0
12BJ1A04D2	R31046	DIGITAL COMMUNICATIONS	19	11	0
12BJ1A04D3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	8	0	0
12BJ1A04D3	R31042	DIGITAL IC APPLICATIONS	5	-1	0
12BJ1A04D3	R31043	LINEAR IC APPLICATIONS	15	0	0
12BJ1A04D3	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	4	0	0
12BJ1A04D3	R31045	ANTENNAS AND WAVE PROPAGATION	3	1	0
12BJ1A04D3	R31046	DIGITAL COMMUNICATIONS	7	0	0
12BJ1A04D4	R31045	ANTENNAS AND WAVE PROPAGATION	21	19	0
12BJ1A04D5	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	13	0
12BJ1A04D5	R31042	DIGITAL IC APPLICATIONS	22	15	0
12BJ1A04D5	R31043	LINEAR IC APPLICATIONS	23	6	0
12BJ1A04D5	R31046	DIGITAL COMMUNICATIONS	20	4	0
12BJ1A04D6	R31043	LINEAR IC APPLICATIONS	18	0	0
12BJ1A04D7	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	30	4
12BJ1A04D7	R31042	DIGITAL IC APPLICATIONS	20	12	0
12BJ1A04D7	R31043	LINEAR IC APPLICATIONS	21	10	0
12BJ1A04D7	R31045	ANTENNAS AND WAVE PROPAGATION	23	31	4
12BJ1A04D7	R31046	DIGITAL COMMUNICATIONS	16	26	4
12BJ1A04D8	R31045	ANTENNAS AND WAVE PROPAGATION	24	33	4
12BJ1A04D9	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	31	4
12BJ1A04E3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	9	0
12BJ1A04E3	R31042	DIGITAL IC APPLICATIONS	17	14	0
12BJ1A04E3	R31043	LINEAR IC APPLICATIONS	23	8	0
12BJ1A04E3	R31045	ANTENNAS AND WAVE PROPAGATION	19	18	0
12BJ1A04E3	R31046	DIGITAL COMMUNICATIONS	20	0	0
12BJ1A04E5	R31045	ANTENNAS AND WAVE PROPAGATION	23	47	4
12BJ1A04E6	R31042	DIGITAL IC APPLICATIONS	22	9	0
12BJ1A04E6	R31043	LINEAR IC APPLICATIONS	24	6	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0520	R31051	COMPILER DESIGN	11	31	4
12BJ1A0520	R31053	ADVANCED DATA STRUCTURES	14	16	0
12BJ1A0520	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	39	4
12BJ1A0530	R31052	COMPUTER NETWORKS	5	6	0
12BJ1A0530	R31053	ADVANCED DATA STRUCTURES	12	15	0
12BJ1A0530	R31056	OPERATIONG SYSTEMS	19	15	0
12BJ1A0531	R31056	OPERATIONG SYSTEMS	11	12	0
12BJ1A0532	R31051	COMPILER DESIGN	14	31	4
12BJ1A0535	R31052	COMPUTER NETWORKS	13	10	0
12BJ1A0535	R31056	OPERATIONG SYSTEMS	17	10	0
12BJ1A0538	R31051	COMPILER DESIGN	17	35	4
12BJ1A0540	R31051	COMPILER DESIGN	7	-1	0
12BJ1A0540	R31053	ADVANCED DATA STRUCTURES	6	18	0
12BJ1A0540	R31054	COMPUTER GRAPHICS	17	-1	0
12BJ1A0540	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	9	-1	0
12BJ1A0540	R31056	OPERATIONG SYSTEMS	13	12	0
12BJ1A0543	R31054	COMPUTER GRAPHICS	18	31	4
12BJ1A0543	R31056	OPERATIONG SYSTEMS	18	13	0
12BJ1A0546	R31053	ADVANCED DATA STRUCTURES	20	15	0
12BJ1A0546	R31056	OPERATIONG SYSTEMS	21	9	0
12BJ1A0549	R31052	COMPUTER NETWORKS	16	12	0
12BJ1A0549	R31056	OPERATIONG SYSTEMS	21	35	4
12BJ1A0552	R31051	COMPILER DESIGN	15	13	0
12BJ1A0552	R31053	ADVANCED DATA STRUCTURES	24	15	0
12BJ1A0554	R31052	COMPUTER NETWORKS	19	12	0
12BJ1A0554	R31053	ADVANCED DATA STRUCTURES	16	21	0
12BJ1A0555	R31051	COMPILER DESIGN	18	35	4
12BJ1A0555	R31052	COMPUTER NETWORKS	14	2	0
12BJ1A0555	R31053	ADVANCED DATA STRUCTURES	15	35	4
12BJ1A0558	R31051	COMPILER DESIGN	17	5	0
12BJ1A0558	R31053	ADVANCED DATA STRUCTURES	14	26	4
12BJ1A0558	R31054	COMPUTER GRAPHICS	17	29	4
12BJ1A0558	R31056	OPERATIONG SYSTEMS	14	6	0
12BJ1A0560	R31056	OPERATIONG SYSTEMS	12	12	0
12BJ1A0579	R31051	COMPILER DESIGN	15	31	4
12BJ1A0591	R31051	COMPILER DESIGN	15	26	4
12BJ1A0591	R31052	COMPUTER NETWORKS	12	8	0
12BJ1A0591	R31053	ADVANCED DATA STRUCTURES	15	26	4
12BJ1A0591	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	11	0
12BJ1A0591	R31056	OPERATIONG SYSTEMS	14	8	0
12BJ1A0594	R31051	COMPILER DESIGN	18	6	0
12BJ1A0594	R31052	COMPUTER NETWORKS	12	13	0
12BJ1A0594	R31053	ADVANCED DATA STRUCTURES	11	32	4
12BJ1A0594	R31054	COMPUTER GRAPHICS	11	31	4
12BJ1A0594	R31056	OPERATIONG SYSTEMS	16	9	0
12BJ1A0596	R31051	COMPILER DESIGN	17	42	4
12BJ1A0596	R31054	COMPUTER GRAPHICS	14	31	4
12BJ1A0596	R31056	OPERATIONG SYSTEMS	15	11	0
12BJ1A0597	R31056	OPERATIONG SYSTEMS	22	41	4
12BJ1A0598	R31051	COMPILER DESIGN	15	5	0
12BJ1A0598	R31052	COMPUTER NETWORKS	18	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0598	R31053	ADVANCED DATA STRUCTURES	14	16	0
12BJ1A0598	R31054	COMPUTER GRAPHICS	12	4	0
12BJ1A0598	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	21	0
12BJ1A05A0	R31054	COMPUTER GRAPHICS	19	36	4
12BJ1A05A1	R31052	COMPUTER NETWORKS	17	14	0
12BJ1A05A4	R31053	ADVANCED DATA STRUCTURES	21	39	4
12BJ1A05A5	R31051	COMPILER DESIGN	15	31	4
12BJ1A05A8	R31051	COMPILER DESIGN	17	32	4
12BJ1A05A8	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	39	4
12BJ1A05A9	R31051	COMPILER DESIGN	18	13	0
12BJ1A05A9	R31054	COMPUTER GRAPHICS	14	30	4
12BJ1A05A9	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	23	18	0
12BJ1A05B0	R31053	ADVANCED DATA STRUCTURES	15	-1	0
12BJ1A05B0	R31054	COMPUTER GRAPHICS	12	-1	0
12BJ5A0205	R31022	ELECTRICAL MEASUREMENT	20	17	0
12BJ5A0216	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	19	-1	0
12BJ5A0216	R31022	ELECTRICAL MEASUREMENT	17	2	0
12BJ5A0216	R31026	LINEAR & DIGITAL IC APPLICATION	18	8	0
12BJ5A0303	R31031	FINITE ELEMENT METHODS	9	-1	0
12BJ5A0303	R31033	DYNAMICS OF MACHINERY	13	1	0
13BJ1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	21	46	3
13BJ1A0101	RT31012	STRUCTURAL ANALYSIS-II	20	40	3
13BJ1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	10	0
13BJ1A0101	RT31014	ENGINEERING GEOLOGY	20	32	3
13BJ1A0101	RT31015	TRANSPORTATION ENGINEERING-I	23	30	3
13BJ1A0101	RT31016	IPR & PATENTS	26	34	2
13BJ1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
13BJ1A0101	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13BJ1A0102	RT31011	GEOTECHNICAL ENGINEERING-I	25	35	3
13BJ1A0102	RT31012	STRUCTURAL ANALYSIS-II	25	34	3
13BJ1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	15	0
13BJ1A0102	RT31014	ENGINEERING GEOLOGY	22	37	3
13BJ1A0102	RT31015	TRANSPORTATION ENGINEERING-I	23	54	3
13BJ1A0102	RT31016	IPR & PATENTS	26	32	2
13BJ1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	25	48	2
13BJ1A0102	RT31018	ENGINEERING GEOLOGY LAB	25	46	2
13BJ1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	21	30	3
13BJ1A0103	RT31012	STRUCTURAL ANALYSIS-II	21	62	3
13BJ1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	30	3
13BJ1A0103	RT31014	ENGINEERING GEOLOGY	23	38	3
13BJ1A0103	RT31015	TRANSPORTATION ENGINEERING-I	23	31	3
13BJ1A0103	RT31016	IPR & PATENTS	25	29	2
13BJ1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	24	46	2
13BJ1A0103	RT31018	ENGINEERING GEOLOGY LAB	24	46	2
13BJ1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	21	12	0
13BJ1A0104	RT31012	STRUCTURAL ANALYSIS-II	20	32	3
13BJ1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	3	0
13BJ1A0104	RT31014	ENGINEERING GEOLOGY	22	37	3
13BJ1A0104	RT31015	TRANSPORTATION ENGINEERING-I	20	34	3
13BJ1A0104	RT31016	IPR & PATENTS	20	34	2
13BJ1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0104	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	22	11	0
13BJ1A0105	RT31012	STRUCTURAL ANALYSIS-II	23	29	3
13BJ1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	6	0
13BJ1A0105	RT31014	ENGINEERING GEOLOGY	21	32	3
13BJ1A0105	RT31015	TRANSPORTATION ENGINEERING-I	22	29	3
13BJ1A0105	RT31016	IPR & PATENTS	21	43	2
13BJ1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13BJ1A0105	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
13BJ1A0106	RT31011	GEOTECHNICAL ENGINEERING-I	18	24	3
13BJ1A0106	RT31012	STRUCTURAL ANALYSIS-II	22	35	3
13BJ1A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	30	3
13BJ1A0106	RT31014	ENGINEERING GEOLOGY	22	34	3
13BJ1A0106	RT31015	TRANSPORTATION ENGINEERING-I	21	44	3
13BJ1A0106	RT31016	IPR & PATENTS	22	34	2
13BJ1A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0106	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
13BJ1A0107	RT31011	GEOTECHNICAL ENGINEERING-I	21	32	3
13BJ1A0107	RT31012	STRUCTURAL ANALYSIS-II	22	43	3
13BJ1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	3	0
13BJ1A0107	RT31014	ENGINEERING GEOLOGY	23	45	3
13BJ1A0107	RT31015	TRANSPORTATION ENGINEERING-I	21	31	3
13BJ1A0107	RT31016	IPR & PATENTS	26	35	2
13BJ1A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0107	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13BJ1A0108	RT31011	GEOTECHNICAL ENGINEERING-I	22	14	0
13BJ1A0108	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
13BJ1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	24	3
13BJ1A0108	RT31014	ENGINEERING GEOLOGY	21	39	3
13BJ1A0108	RT31015	TRANSPORTATION ENGINEERING-I	21	27	3
13BJ1A0108	RT31016	IPR & PATENTS	24	37	2
13BJ1A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13BJ1A0108	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0109	RT31011	GEOTECHNICAL ENGINEERING-I	20	34	3
13BJ1A0109	RT31012	STRUCTURAL ANALYSIS-II	25	24	3
13BJ1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	0	0
13BJ1A0109	RT31014	ENGINEERING GEOLOGY	19	45	3
13BJ1A0109	RT31015	TRANSPORTATION ENGINEERING-I	21	8	0
13BJ1A0109	RT31016	IPR & PATENTS	20	42	2
13BJ1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13BJ1A0109	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
13BJ1A0110	RT31011	GEOTECHNICAL ENGINEERING-I	20	2	0
13BJ1A0110	RT31012	STRUCTURAL ANALYSIS-II	19	3	0
13BJ1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	0	0
13BJ1A0110	RT31014	ENGINEERING GEOLOGY	19	7	0
13BJ1A0110	RT31015	TRANSPORTATION ENGINEERING-I	21	3	0
13BJ1A0110	RT31016	IPR & PATENTS	16	10	0
13BJ1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0110	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
13BJ1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	17	31	3
13BJ1A0111	RT31012	STRUCTURAL ANALYSIS-II	19	9	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	4	0
13BJ1A0111	RT31014	ENGINEERING GEOLOGY	22	36	3
13BJ1A0111	RT31015	TRANSPORTATION ENGINEERING-I	23	10	0
13BJ1A0111	RT31016	IPR & PATENTS	24	31	2
13BJ1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
13BJ1A0111	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
13BJ1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	19	5	0
13BJ1A0112	RT31012	STRUCTURAL ANALYSIS-II	21	4	0
13BJ1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	6	0
13BJ1A0112	RT31014	ENGINEERING GEOLOGY	18	40	3
13BJ1A0112	RT31015	TRANSPORTATION ENGINEERING-I	20	10	0
13BJ1A0112	RT31016	IPR & PATENTS	18	32	2
13BJ1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13BJ1A0112	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
13BJ1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	21	42	3
13BJ1A0113	RT31012	STRUCTURAL ANALYSIS-II	21	39	3
13BJ1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	6	0
13BJ1A0113	RT31014	ENGINEERING GEOLOGY	19	46	3
13BJ1A0113	RT31015	TRANSPORTATION ENGINEERING-I	23	34	3
13BJ1A0113	RT31016	IPR & PATENTS	19	47	2
13BJ1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13BJ1A0113	RT31018	ENGINEERING GEOLOGY LAB	21	42	2
13BJ1A0114	RT31011	GEOTECHNICAL ENGINEERING-I	21	6	0
13BJ1A0114	RT31012	STRUCTURAL ANALYSIS-II	21	31	3
13BJ1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	3	0
13BJ1A0114	RT31014	ENGINEERING GEOLOGY	18	24	3
13BJ1A0114	RT31015	TRANSPORTATION ENGINEERING-I	18	42	3
13BJ1A0114	RT31016	IPR & PATENTS	18	31	2
13BJ1A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13BJ1A0114	RT31018	ENGINEERING GEOLOGY LAB	22	43	2
13BJ1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	18	29	3
13BJ1A0115	RT31012	STRUCTURAL ANALYSIS-II	22	3	0
13BJ1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	2	0
13BJ1A0115	RT31014	ENGINEERING GEOLOGY	22	34	3
13BJ1A0115	RT31015	TRANSPORTATION ENGINEERING-I	22	8	0
13BJ1A0115	RT31016	IPR & PATENTS	25	29	2
13BJ1A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
13BJ1A0115	RT31018	ENGINEERING GEOLOGY LAB	23	44	2
13BJ1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	25	26	3
13BJ1A0116	RT31012	STRUCTURAL ANALYSIS-II	25	38	3
13BJ1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	37	3
13BJ1A0116	RT31014	ENGINEERING GEOLOGY	24	51	3
13BJ1A0116	RT31015	TRANSPORTATION ENGINEERING-I	22	33	3
13BJ1A0116	RT31016	IPR & PATENTS	26	48	2
13BJ1A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	25	48	2
13BJ1A0116	RT31018	ENGINEERING GEOLOGY LAB	25	48	2
13BJ1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	20	24	3
13BJ1A0117	RT31012	STRUCTURAL ANALYSIS-II	20	15	0
13BJ1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	5	0
13BJ1A0117	RT31014	ENGINEERING GEOLOGY	19	28	3
13BJ1A0117	RT31015	TRANSPORTATION ENGINEERING-I	23	28	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0117	RT31016	IPR & PATENTS	21	36	2
13BJ1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
13BJ1A0117	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0118	RT31011	GEOTECHNICAL ENGINEERING-I	20	3	0
13BJ1A0118	RT31012	STRUCTURAL ANALYSIS-II	21	32	3
13BJ1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	24	3
13BJ1A0118	RT31014	ENGINEERING GEOLOGY	21	24	3
13BJ1A0118	RT31015	TRANSPORTATION ENGINEERING-I	23	38	3
13BJ1A0118	RT31016	IPR & PATENTS	18	37	2
13BJ1A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13BJ1A0118	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
13BJ1A0122	RT31011	GEOTECHNICAL ENGINEERING-I	23	26	3
13BJ1A0122	RT31012	STRUCTURAL ANALYSIS-II	19	34	3
13BJ1A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	7	0
13BJ1A0122	RT31014	ENGINEERING GEOLOGY	17	35	3
13BJ1A0122	RT31015	TRANSPORTATION ENGINEERING-I	19	31	3
13BJ1A0122	RT31016	IPR & PATENTS	19	27	2
13BJ1A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
13BJ1A0122	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
13BJ1A0123	RT31011	GEOTECHNICAL ENGINEERING-I	22	47	3
13BJ1A0123	RT31012	STRUCTURAL ANALYSIS-II	23	25	3
13BJ1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	28	3
13BJ1A0123	RT31014	ENGINEERING GEOLOGY	22	39	3
13BJ1A0123	RT31015	TRANSPORTATION ENGINEERING-I	22	28	3
13BJ1A0123	RT31016	IPR & PATENTS	25	40	2
13BJ1A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0123	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	24	39	3
13BJ1A0124	RT31012	STRUCTURAL ANALYSIS-II	23	35	3
13BJ1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	6	0
13BJ1A0124	RT31014	ENGINEERING GEOLOGY	24	46	3
13BJ1A0124	RT31015	TRANSPORTATION ENGINEERING-I	26	41	3
13BJ1A0124	RT31016	IPR & PATENTS	27	34	2
13BJ1A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
13BJ1A0124	RT31018	ENGINEERING GEOLOGY LAB	25	45	2
13BJ1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	20	1	0
13BJ1A0125	RT31012	STRUCTURAL ANALYSIS-II	18	27	3
13BJ1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	0	0
13BJ1A0125	RT31014	ENGINEERING GEOLOGY	20	24	3
13BJ1A0125	RT31015	TRANSPORTATION ENGINEERING-I	21	41	3
13BJ1A0125	RT31016	IPR & PATENTS	19	29	2
13BJ1A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
13BJ1A0125	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0126	RT31011	GEOTECHNICAL ENGINEERING-I	23	40	3
13BJ1A0126	RT31012	STRUCTURAL ANALYSIS-II	24	34	3
13BJ1A0126	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	36	3
13BJ1A0126	RT31014	ENGINEERING GEOLOGY	23	36	3
13BJ1A0126	RT31015	TRANSPORTATION ENGINEERING-I	24	35	3
13BJ1A0126	RT31016	IPR & PATENTS	30	36	2
13BJ1A0126	RT31017	GEOTECHNICAL ENGINEERING LAB	25	46	2
13BJ1A0126	RT31018	ENGINEERING GEOLOGY LAB	25	47	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0127	RT31011	GEOTECHNICAL ENGINEERING-I	20	13	0
13BJ1A0127	RT31012	STRUCTURAL ANALYSIS-II	19	8	0
13BJ1A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	4	0
13BJ1A0127	RT31014	ENGINEERING GEOLOGY	17	27	3
13BJ1A0127	RT31015	TRANSPORTATION ENGINEERING-I	22	26	3
13BJ1A0127	RT31016	IPR & PATENTS	20	24	2
13BJ1A0127	RT31017	GEOTECHNICAL ENGINEERING LAB	24	45	2
13BJ1A0127	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
13BJ1A0131	RT31011	GEOTECHNICAL ENGINEERING-I	24	57	3
13BJ1A0131	RT31012	STRUCTURAL ANALYSIS-II	25	43	3
13BJ1A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	13	0
13BJ1A0131	RT31014	ENGINEERING GEOLOGY	23	55	3
13BJ1A0131	RT31015	TRANSPORTATION ENGINEERING-I	23	40	3
13BJ1A0131	RT31016	IPR & PATENTS	27	41	2
13BJ1A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	23	49	2
13BJ1A0131	RT31018	ENGINEERING GEOLOGY LAB	25	48	2
13BJ1A0132	RT31011	GEOTECHNICAL ENGINEERING-I	23	35	3
13BJ1A0132	RT31012	STRUCTURAL ANALYSIS-II	24	33	3
13BJ1A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	27	3
13BJ1A0132	RT31014	ENGINEERING GEOLOGY	24	17	0
13BJ1A0132	RT31015	TRANSPORTATION ENGINEERING-I	24	44	3
13BJ1A0132	RT31016	IPR & PATENTS	25	24	2
13BJ1A0132	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13BJ1A0132	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
13BJ1A0134	RT31011	GEOTECHNICAL ENGINEERING-I	18	20	0
13BJ1A0134	RT31012	STRUCTURAL ANALYSIS-II	20	24	3
13BJ1A0134	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	10	0
13BJ1A0134	RT31014	ENGINEERING GEOLOGY	18	24	3
13BJ1A0134	RT31015	TRANSPORTATION ENGINEERING-I	24	6	0
13BJ1A0134	RT31016	IPR & PATENTS	26	24	2
13BJ1A0134	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
13BJ1A0134	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
13BJ1A0136	RT31011	GEOTECHNICAL ENGINEERING-I	20	26	3
13BJ1A0136	RT31012	STRUCTURAL ANALYSIS-II	20	1	0
13BJ1A0136	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	-1	0
13BJ1A0136	RT31014	ENGINEERING GEOLOGY	23	8	0
13BJ1A0136	RT31015	TRANSPORTATION ENGINEERING-I	23	17	0
13BJ1A0136	RT31016	IPR & PATENTS	25	33	2
13BJ1A0136	RT31017	GEOTECHNICAL ENGINEERING LAB	23	44	2
13BJ1A0136	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13BJ1A0137	RT31011	GEOTECHNICAL ENGINEERING-I	20	39	3
13BJ1A0137	RT31012	STRUCTURAL ANALYSIS-II	21	34	3
13BJ1A0137	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	4	0
13BJ1A0137	RT31014	ENGINEERING GEOLOGY	20	40	3
13BJ1A0137	RT31015	TRANSPORTATION ENGINEERING-I	22	33	3
13BJ1A0137	RT31016	IPR & PATENTS	27	46	2
13BJ1A0137	RT31017	GEOTECHNICAL ENGINEERING LAB	23	44	2
13BJ1A0137	RT31018	ENGINEERING GEOLOGY LAB	24	44	2
13BJ1A0138	RT31011	GEOTECHNICAL ENGINEERING-I	18	1	0
13BJ1A0138	RT31012	STRUCTURAL ANALYSIS-II	19	8	0
13BJ1A0138	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	3	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0138	RT31014	ENGINEERING GEOLOGY	21	14	0
13BJ1A0138	RT31015	TRANSPORTATION ENGINEERING-I	21	43	3
13BJ1A0138	RT31016	IPR & PATENTS	20	37	2
13BJ1A0138	RT31017	GEOTECHNICAL ENGINEERING LAB	23	43	2
13BJ1A0138	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
13BJ1A0139	RT31011	GEOTECHNICAL ENGINEERING-I	20	32	3
13BJ1A0139	RT31012	STRUCTURAL ANALYSIS-II	22	9	0
13BJ1A0139	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	7	0
13BJ1A0139	RT31014	ENGINEERING GEOLOGY	22	36	3
13BJ1A0139	RT31015	TRANSPORTATION ENGINEERING-I	20	2	0
13BJ1A0139	RT31016	IPR & PATENTS	21	31	2
13BJ1A0139	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0139	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
13BJ1A0140	RT31011	GEOTECHNICAL ENGINEERING-I	22	11	0
13BJ1A0140	RT31012	STRUCTURAL ANALYSIS-II	20	5	0
13BJ1A0140	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	5	0
13BJ1A0140	RT31014	ENGINEERING GEOLOGY	20	29	3
13BJ1A0140	RT31015	TRANSPORTATION ENGINEERING-I	23	24	3
13BJ1A0140	RT31016	IPR & PATENTS	22	38	2
13BJ1A0140	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
13BJ1A0140	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
13BJ1A0141	RT31011	GEOTECHNICAL ENGINEERING-I	19	10	0
13BJ1A0141	RT31012	STRUCTURAL ANALYSIS-II	23	28	3
13BJ1A0141	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	3	0
13BJ1A0141	RT31014	ENGINEERING GEOLOGY	21	34	3
13BJ1A0141	RT31015	TRANSPORTATION ENGINEERING-I	20	28	3
13BJ1A0141	RT31016	IPR & PATENTS	20	38	2
13BJ1A0141	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
13BJ1A0141	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
13BJ1A0142	RT31011	GEOTECHNICAL ENGINEERING-I	22	37	3
13BJ1A0142	RT31012	STRUCTURAL ANALYSIS-II	25	39	3
13BJ1A0142	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	36	3
13BJ1A0142	RT31014	ENGINEERING GEOLOGY	22	44	3
13BJ1A0142	RT31015	TRANSPORTATION ENGINEERING-I	23	51	3
13BJ1A0142	RT31016	IPR & PATENTS	27	37	2
13BJ1A0142	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
13BJ1A0142	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0143	RT31011	GEOTECHNICAL ENGINEERING-I	20	-1	0
13BJ1A0143	RT31012	STRUCTURAL ANALYSIS-II	20	0	0
13BJ1A0143	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	15	0	0
13BJ1A0143	RT31014	ENGINEERING GEOLOGY	19	7	0
13BJ1A0143	RT31015	TRANSPORTATION ENGINEERING-I	19	5	0
13BJ1A0143	RT31016	IPR & PATENTS	19	27	2
13BJ1A0143	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13BJ1A0143	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
13BJ1A0144	RT31011	GEOTECHNICAL ENGINEERING-I	22	45	3
13BJ1A0144	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
13BJ1A0144	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	10	0
13BJ1A0144	RT31014	ENGINEERING GEOLOGY	20	41	3
13BJ1A0144	RT31015	TRANSPORTATION ENGINEERING-I	21	24	3
13BJ1A0144	RT31016	IPR & PATENTS	29	60	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0144	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
13BJ1A0144	RT31018	ENGINEERING GEOLOGY LAB	25	48	2
13BJ1A0146	RT31011	GEOTECHNICAL ENGINEERING-I	18	42	3
13BJ1A0146	RT31012	STRUCTURAL ANALYSIS-II	22	35	3
13BJ1A0146	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	3	0
13BJ1A0146	RT31014	ENGINEERING GEOLOGY	18	50	3
13BJ1A0146	RT31015	TRANSPORTATION ENGINEERING-I	20	58	3
13BJ1A0146	RT31016	IPR & PATENTS	27	47	2
13BJ1A0146	RT31017	GEOTECHNICAL ENGINEERING LAB	24	46	2
13BJ1A0146	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13BJ1A0147	RT31011	GEOTECHNICAL ENGINEERING-I	22	68	3
13BJ1A0147	RT31012	STRUCTURAL ANALYSIS-II	24	40	3
13BJ1A0147	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	51	3
13BJ1A0147	RT31014	ENGINEERING GEOLOGY	25	43	3
13BJ1A0147	RT31015	TRANSPORTATION ENGINEERING-I	23	45	3
13BJ1A0147	RT31016	IPR & PATENTS	29	31	2
13BJ1A0147	RT31017	GEOTECHNICAL ENGINEERING LAB	25	45	2
13BJ1A0147	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
13BJ1A0148	RT31011	GEOTECHNICAL ENGINEERING-I	18	24	3
13BJ1A0148	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
13BJ1A0148	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	9	0
13BJ1A0148	RT31014	ENGINEERING GEOLOGY	19	33	3
13BJ1A0148	RT31015	TRANSPORTATION ENGINEERING-I	17	4	0
13BJ1A0148	RT31016	IPR & PATENTS	20	24	2
13BJ1A0148	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13BJ1A0148	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
13BJ1A0149	RT31011	GEOTECHNICAL ENGINEERING-I	20	4	0
13BJ1A0149	RT31012	STRUCTURAL ANALYSIS-II	19	0	0
13BJ1A0149	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	7	0
13BJ1A0149	RT31014	ENGINEERING GEOLOGY	22	30	3
13BJ1A0149	RT31015	TRANSPORTATION ENGINEERING-I	18	24	3
13BJ1A0149	RT31016	IPR & PATENTS	19	32	2
13BJ1A0149	RT31017	GEOTECHNICAL ENGINEERING LAB	23	44	2
13BJ1A0149	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
13BJ1A0150	RT31011	GEOTECHNICAL ENGINEERING-I	20	-1	0
13BJ1A0150	RT31012	STRUCTURAL ANALYSIS-II	22	0	0
13BJ1A0150	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	-1	0
13BJ1A0150	RT31014	ENGINEERING GEOLOGY	22	38	3
13BJ1A0150	RT31015	TRANSPORTATION ENGINEERING-I	23	-1	0
13BJ1A0150	RT31016	IPR & PATENTS	17	39	2
13BJ1A0150	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
13BJ1A0150	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13BJ1A0151	RT31011	GEOTECHNICAL ENGINEERING-I	23	14	0
13BJ1A0151	RT31012	STRUCTURAL ANALYSIS-II	24	26	3
13BJ1A0151	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	24	3
13BJ1A0151	RT31014	ENGINEERING GEOLOGY	22	24	3
13BJ1A0151	RT31015	TRANSPORTATION ENGINEERING-I	23	46	3
13BJ1A0151	RT31016	IPR & PATENTS	28	39	2
13BJ1A0151	RT31017	GEOTECHNICAL ENGINEERING LAB	24	42	2
13BJ1A0151	RT31018	ENGINEERING GEOLOGY LAB	25	45	2
13BJ1A0152	RT31011	GEOTECHNICAL ENGINEERING-I	20	11	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0152	RT31012	STRUCTURAL ANALYSIS-II	23	13	0
13BJ1A0152	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	5	0
13BJ1A0152	RT31014	ENGINEERING GEOLOGY	20	27	3
13BJ1A0152	RT31015	TRANSPORTATION ENGINEERING-I	17	10	0
13BJ1A0152	RT31016	IPR & PATENTS	27	32	2
13BJ1A0152	RT31017	GEOTECHNICAL ENGINEERING LAB	24	45	2
13BJ1A0152	RT31018	ENGINEERING GEOLOGY LAB	24	45	2
13BJ1A0153	RT31011	GEOTECHNICAL ENGINEERING-I	18	6	0
13BJ1A0153	RT31012	STRUCTURAL ANALYSIS-II	20	26	3
13BJ1A0153	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	8	0
13BJ1A0153	RT31014	ENGINEERING GEOLOGY	19	36	3
13BJ1A0153	RT31015	TRANSPORTATION ENGINEERING-I	19	33	3
13BJ1A0153	RT31016	IPR & PATENTS	23	35	2
13BJ1A0153	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
13BJ1A0153	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13BJ1A0201	RT31016	IPR & PATENTS	19	47	2
13BJ1A0201	RT31021	ELECTRICAL MEASUREMENTS	26	15	0
13BJ1A0201	RT31022	MEFA	24	37	3
13BJ1A0201	RT31023	POWER SYSTEMS-II	26	56	3
13BJ1A0201	RT31024	ELECTRICAL MACHINES-III	22	40	3
13BJ1A0201	RT31025	POWER ELECTRONICS	23	53	3
13BJ1A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	24	3
13BJ1A0201	RT31027	ELECTRICAL MACHINES-II LAB	25	49	2
13BJ1A0201	RT31028	CONTROL SYSTEMS LAB	25	48	2
13BJ1A0202	RT31016	IPR & PATENTS	20	39	2
13BJ1A0202	RT31021	ELECTRICAL MEASUREMENTS	26	28	3
13BJ1A0202	RT31022	MEFA	24	14	0
13BJ1A0202	RT31023	POWER SYSTEMS-II	27	32	3
13BJ1A0202	RT31024	ELECTRICAL MACHINES-III	24	31	3
13BJ1A0202	RT31025	POWER ELECTRONICS	25	28	3
13BJ1A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	24	3
13BJ1A0202	RT31027	ELECTRICAL MACHINES-II LAB	25	49	2
13BJ1A0202	RT31028	CONTROL SYSTEMS LAB	25	48	2
13BJ1A0204	RT31016	IPR & PATENTS	25	40	2
13BJ1A0204	RT31021	ELECTRICAL MEASUREMENTS	25	49	3
13BJ1A0204	RT31022	MEFA	25	50	3
13BJ1A0204	RT31023	POWER SYSTEMS-II	26	47	3
13BJ1A0204	RT31024	ELECTRICAL MACHINES-III	24	36	3
13BJ1A0204	RT31025	POWER ELECTRONICS	25	70	3
13BJ1A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	36	3
13BJ1A0204	RT31027	ELECTRICAL MACHINES-II LAB	25	50	2
13BJ1A0204	RT31028	CONTROL SYSTEMS LAB	25	49	2
13BJ1A0206	RT31016	IPR & PATENTS	16	24	2
13BJ1A0206	RT31021	ELECTRICAL MEASUREMENTS	19	12	0
13BJ1A0206	RT31022	MEFA	21	13	0
13BJ1A0206	RT31023	POWER SYSTEMS-II	21	5	0
13BJ1A0206	RT31024	ELECTRICAL MACHINES-III	18	0	0
13BJ1A0206	RT31025	POWER ELECTRONICS	22	24	3
13BJ1A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	27	3
13BJ1A0206	RT31027	ELECTRICAL MACHINES-II LAB	18	37	2
13BJ1A0206	RT31028	CONTROL SYSTEMS LAB	23	40	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0207	RT31016	IPR & PATENTS	21	41	2
13BJ1A0207	RT31021	ELECTRICAL MEASUREMENTS	20	24	3
13BJ1A0207	RT31022	MEFA	24	24	3
13BJ1A0207	RT31023	POWER SYSTEMS-II	24	51	3
13BJ1A0207	RT31024	ELECTRICAL MACHINES-III	23	38	3
13BJ1A0207	RT31025	POWER ELECTRONICS	23	52	3
13BJ1A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	26	3
13BJ1A0207	RT31027	ELECTRICAL MACHINES-II LAB	22	42	2
13BJ1A0207	RT31028	CONTROL SYSTEMS LAB	24	45	2
13BJ1A0209	RT31016	IPR & PATENTS	21	39	2
13BJ1A0209	RT31021	ELECTRICAL MEASUREMENTS	23	7	0
13BJ1A0209	RT31022	MEFA	21	24	3
13BJ1A0209	RT31023	POWER SYSTEMS-II	24	35	3
13BJ1A0209	RT31024	ELECTRICAL MACHINES-III	21	42	3
13BJ1A0209	RT31025	POWER ELECTRONICS	21	39	3
13BJ1A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	9	0
13BJ1A0209	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
13BJ1A0209	RT31028	CONTROL SYSTEMS LAB	24	42	2
13BJ1A0210	RT31016	IPR & PATENTS	19	24	2
13BJ1A0210	RT31021	ELECTRICAL MEASUREMENTS	20	14	0
13BJ1A0210	RT31022	MEFA	19	15	0
13BJ1A0210	RT31023	POWER SYSTEMS-II	17	3	0
13BJ1A0210	RT31024	ELECTRICAL MACHINES-III	18	24	3
13BJ1A0210	RT31025	POWER ELECTRONICS	17	24	3
13BJ1A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	0	0
13BJ1A0210	RT31027	ELECTRICAL MACHINES-II LAB	17	32	2
13BJ1A0210	RT31028	CONTROL SYSTEMS LAB	15	31	2
13BJ1A0211	RT31016	IPR & PATENTS	18	43	2
13BJ1A0211	RT31021	ELECTRICAL MEASUREMENTS	23	26	3
13BJ1A0211	RT31022	MEFA	21	26	3
13BJ1A0211	RT31023	POWER SYSTEMS-II	21	41	3
13BJ1A0211	RT31024	ELECTRICAL MACHINES-III	22	8	0
13BJ1A0211	RT31025	POWER ELECTRONICS	24	24	3
13BJ1A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	27	3
13BJ1A0211	RT31027	ELECTRICAL MACHINES-II LAB	23	42	2
13BJ1A0211	RT31028	CONTROL SYSTEMS LAB	24	42	2
13BJ1A0212	RT31016	IPR & PATENTS	17	33	2
13BJ1A0212	RT31021	ELECTRICAL MEASUREMENTS	25	8	0
13BJ1A0212	RT31022	MEFA	18	24	3
13BJ1A0212	RT31023	POWER SYSTEMS-II	18	24	3
13BJ1A0212	RT31024	ELECTRICAL MACHINES-III	20	13	0
13BJ1A0212	RT31025	POWER ELECTRONICS	22	15	0
13BJ1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	7	0
13BJ1A0212	RT31027	ELECTRICAL MACHINES-II LAB	22	42	2
13BJ1A0212	RT31028	CONTROL SYSTEMS LAB	24	40	2
13BJ1A0214	RT31016	IPR & PATENTS	23	46	2
13BJ1A0214	RT31021	ELECTRICAL MEASUREMENTS	25	24	3
13BJ1A0214	RT31022	MEFA	22	28	3
13BJ1A0214	RT31023	POWER SYSTEMS-II	19	39	3
13BJ1A0214	RT31024	ELECTRICAL MACHINES-III	26	37	3
13BJ1A0214	RT31025	POWER ELECTRONICS	25	33	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	16	0
13BJ1A0214	RT31027	ELECTRICAL MACHINES-II LAB	23	44	2
13BJ1A0214	RT31028	CONTROL SYSTEMS LAB	24	45	2
13BJ1A0215	RT31016	IPR & PATENTS	16	29	2
13BJ1A0215	RT31021	ELECTRICAL MEASUREMENTS	23	24	3
13BJ1A0215	RT31022	MEFA	21	14	0
13BJ1A0215	RT31023	POWER SYSTEMS-II	22	0	0
13BJ1A0215	RT31024	ELECTRICAL MACHINES-III	19	3	0
13BJ1A0215	RT31025	POWER ELECTRONICS	23	39	3
13BJ1A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	4	0
13BJ1A0215	RT31027	ELECTRICAL MACHINES-II LAB	23	38	2
13BJ1A0215	RT31028	CONTROL SYSTEMS LAB	22	40	2
13BJ1A0218	RT31016	IPR & PATENTS	18	24	2
13BJ1A0218	RT31021	ELECTRICAL MEASUREMENTS	23	13	0
13BJ1A0218	RT31022	MEFA	23	14	0
13BJ1A0218	RT31023	POWER SYSTEMS-II	18	26	3
13BJ1A0218	RT31024	ELECTRICAL MACHINES-III	23	0	0
13BJ1A0218	RT31025	POWER ELECTRONICS	19	0	0
13BJ1A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	24	3
13BJ1A0218	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2
13BJ1A0218	RT31028	CONTROL SYSTEMS LAB	23	44	2
13BJ1A0219	RT31016	IPR & PATENTS	0	30	0
13BJ1A0219	RT31021	ELECTRICAL MEASUREMENTS	18	0	0
13BJ1A0219	RT31022	MEFA	18	15	0
13BJ1A0219	RT31023	POWER SYSTEMS-II	18	9	0
13BJ1A0219	RT31024	ELECTRICAL MACHINES-III	18	0	0
13BJ1A0219	RT31025	POWER ELECTRONICS	18	3	0
13BJ1A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	0	1	0
13BJ1A0219	RT31027	ELECTRICAL MACHINES-II LAB	17	34	2
13BJ1A0219	RT31028	CONTROL SYSTEMS LAB	15	34	2
13BJ1A0220	RT31016	IPR & PATENTS	21	38	2
13BJ1A0220	RT31021	ELECTRICAL MEASUREMENTS	25	27	3
13BJ1A0220	RT31022	MEFA	21	11	0
13BJ1A0220	RT31023	POWER SYSTEMS-II	20	31	3
13BJ1A0220	RT31024	ELECTRICAL MACHINES-III	22	41	3
13BJ1A0220	RT31025	POWER ELECTRONICS	23	25	3
13BJ1A0220	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	13	0
13BJ1A0220	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
13BJ1A0220	RT31028	CONTROL SYSTEMS LAB	20	30	2
13BJ1A0221	RT31016	IPR & PATENTS	19	31	2
13BJ1A0221	RT31021	ELECTRICAL MEASUREMENTS	20	8	0
13BJ1A0221	RT31022	MEFA	22	12	0
13BJ1A0221	RT31023	POWER SYSTEMS-II	22	1	0
13BJ1A0221	RT31024	ELECTRICAL MACHINES-III	21	9	0
13BJ1A0221	RT31025	POWER ELECTRONICS	18	6	0
13BJ1A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	5	0
13BJ1A0221	RT31027	ELECTRICAL MACHINES-II LAB	20	36	2
13BJ1A0221	RT31028	CONTROL SYSTEMS LAB	18	31	2
13BJ1A0223	RT31016	IPR & PATENTS	22	49	2
13BJ1A0223	RT31021	ELECTRICAL MEASUREMENTS	24	1	0
13BJ1A0223	RT31022	MEFA	22	16	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0223	RT31023	POWER SYSTEMS-II	18	31	3
13BJ1A0223	RT31024	ELECTRICAL MACHINES-III	23	0	0
13BJ1A0223	RT31025	POWER ELECTRONICS	21	24	3
13BJ1A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	31	3
13BJ1A0223	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
13BJ1A0223	RT31028	CONTROL SYSTEMS LAB	24	42	2
13BJ1A0224	RT31016	IPR & PATENTS	3	37	2
13BJ1A0224	RT31021	ELECTRICAL MEASUREMENTS	20	-1	0
13BJ1A0224	RT31022	MEFA	18	24	3
13BJ1A0224	RT31023	POWER SYSTEMS-II	16	16	0
13BJ1A0224	RT31024	ELECTRICAL MACHINES-III	20	17	0
13BJ1A0224	RT31025	POWER ELECTRONICS	17	7	0
13BJ1A0224	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	12	0
13BJ1A0224	RT31027	ELECTRICAL MACHINES-II LAB	18	34	2
13BJ1A0224	RT31028	CONTROL SYSTEMS LAB	20	42	2
13BJ1A0225	RT31016	IPR & PATENTS	22	42	2
13BJ1A0225	RT31021	ELECTRICAL MEASUREMENTS	25	29	3
13BJ1A0225	RT31022	MEFA	22	24	3
13BJ1A0225	RT31023	POWER SYSTEMS-II	24	53	3
13BJ1A0225	RT31024	ELECTRICAL MACHINES-III	23	42	3
13BJ1A0225	RT31025	POWER ELECTRONICS	26	36	3
13BJ1A0225	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	13	0
13BJ1A0225	RT31027	ELECTRICAL MACHINES-II LAB	25	49	2
13BJ1A0225	RT31028	CONTROL SYSTEMS LAB	25	48	2
13BJ1A0226	RT31016	IPR & PATENTS	22	34	2
13BJ1A0226	RT31021	ELECTRICAL MEASUREMENTS	22	12	0
13BJ1A0226	RT31022	MEFA	21	30	3
13BJ1A0226	RT31023	POWER SYSTEMS-II	22	6	0
13BJ1A0226	RT31024	ELECTRICAL MACHINES-III	22	7	0
13BJ1A0226	RT31025	POWER ELECTRONICS	22	9	0
13BJ1A0226	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	9	0
13BJ1A0226	RT31027	ELECTRICAL MACHINES-II LAB	22	40	2
13BJ1A0226	RT31028	CONTROL SYSTEMS LAB	22	44	2
13BJ1A0227	RT31016	IPR & PATENTS	18	45	2
13BJ1A0227	RT31021	ELECTRICAL MEASUREMENTS	26	24	3
13BJ1A0227	RT31022	MEFA	20	28	3
13BJ1A0227	RT31023	POWER SYSTEMS-II	22	52	3
13BJ1A0227	RT31024	ELECTRICAL MACHINES-III	22	2	0
13BJ1A0227	RT31025	POWER ELECTRONICS	22	16	0
13BJ1A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	32	3
13BJ1A0227	RT31027	ELECTRICAL MACHINES-II LAB	23	49	2
13BJ1A0227	RT31028	CONTROL SYSTEMS LAB	23	49	2
13BJ1A0228	RT31016	IPR & PATENTS	0	-1	0
13BJ1A0228	RT31021	ELECTRICAL MEASUREMENTS	0	-1	0
13BJ1A0228	RT31022	MEFA	0	-1	0
13BJ1A0228	RT31023	POWER SYSTEMS-II	0	-1	0
13BJ1A0228	RT31024	ELECTRICAL MACHINES-III	0	-1	0
13BJ1A0228	RT31025	POWER ELECTRONICS	0	-1	0
13BJ1A0228	RT31026	LINEAR & DIGITAL IC APPLICATIONS	0	-1	0
13BJ1A0228	RT31027	ELECTRICAL MACHINES-II LAB	15	-1	0
13BJ1A0228	RT31028	CONTROL SYSTEMS LAB	15	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0229	RT31016	IPR & PATENTS	18	39	2
13BJ1A0229	RT31021	ELECTRICAL MEASUREMENTS	23	26	3
13BJ1A0229	RT31022	MEFA	20	28	3
13BJ1A0229	RT31023	POWER SYSTEMS-II	23	30	3
13BJ1A0229	RT31024	ELECTRICAL MACHINES-III	18	37	3
13BJ1A0229	RT31025	POWER ELECTRONICS	20	30	3
13BJ1A0229	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	5	0
13BJ1A0229	RT31027	ELECTRICAL MACHINES-II LAB	16	32	2
13BJ1A0229	RT31028	CONTROL SYSTEMS LAB	22	32	2
13BJ1A0231	RT31016	IPR & PATENTS	19	30	2
13BJ1A0231	RT31021	ELECTRICAL MEASUREMENTS	20	34	3
13BJ1A0231	RT31022	MEFA	18	28	3
13BJ1A0231	RT31023	POWER SYSTEMS-II	21	24	3
13BJ1A0231	RT31024	ELECTRICAL MACHINES-III	23	28	3
13BJ1A0231	RT31025	POWER ELECTRONICS	18	24	3
13BJ1A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	32	3
13BJ1A0231	RT31027	ELECTRICAL MACHINES-II LAB	20	37	2
13BJ1A0231	RT31028	CONTROL SYSTEMS LAB	15	40	2
13BJ1A0232	RT31016	IPR & PATENTS	21	46	2
13BJ1A0232	RT31021	ELECTRICAL MEASUREMENTS	24	42	3
13BJ1A0232	RT31022	MEFA	23	30	3
13BJ1A0232	RT31023	POWER SYSTEMS-II	27	70	3
13BJ1A0232	RT31024	ELECTRICAL MACHINES-III	25	24	3
13BJ1A0232	RT31025	POWER ELECTRONICS	24	40	3
13BJ1A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	42	3
13BJ1A0232	RT31027	ELECTRICAL MACHINES-II LAB	25	50	2
13BJ1A0232	RT31028	CONTROL SYSTEMS LAB	25	49	2
13BJ1A0233	RT31016	IPR & PATENTS	21	42	2
13BJ1A0233	RT31021	ELECTRICAL MEASUREMENTS	24	13	0
13BJ1A0233	RT31022	MEFA	24	24	3
13BJ1A0233	RT31023	POWER SYSTEMS-II	22	24	3
13BJ1A0233	RT31024	ELECTRICAL MACHINES-III	22	38	3
13BJ1A0233	RT31025	POWER ELECTRONICS	22	37	3
13BJ1A0233	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	35	3
13BJ1A0233	RT31027	ELECTRICAL MACHINES-II LAB	25	44	2
13BJ1A0233	RT31028	CONTROL SYSTEMS LAB	25	46	2
13BJ1A0234	RT31016	IPR & PATENTS	16	28	2
13BJ1A0234	RT31021	ELECTRICAL MEASUREMENTS	24	0	0
13BJ1A0234	RT31022	MEFA	20	8	0
13BJ1A0234	RT31023	POWER SYSTEMS-II	18	0	0
13BJ1A0234	RT31024	ELECTRICAL MACHINES-III	21	4	0
13BJ1A0234	RT31025	POWER ELECTRONICS	19	2	0
13BJ1A0234	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	0	0
13BJ1A0234	RT31027	ELECTRICAL MACHINES-II LAB	20	39	2
13BJ1A0234	RT31028	CONTROL SYSTEMS LAB	16	30	2
13BJ1A0235	RT31016	IPR & PATENTS	17	27	2
13BJ1A0235	RT31021	ELECTRICAL MEASUREMENTS	22	31	3
13BJ1A0235	RT31022	MEFA	19	13	0
13BJ1A0235	RT31023	POWER SYSTEMS-II	18	0	0
13BJ1A0235	RT31024	ELECTRICAL MACHINES-III	22	10	0
13BJ1A0235	RT31025	POWER ELECTRONICS	19	16	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0235	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	7	0
13BJ1A0235	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
13BJ1A0235	RT31028	CONTROL SYSTEMS LAB	18	32	2
13BJ1A0236	RT31016	IPR & PATENTS	20	45	2
13BJ1A0236	RT31021	ELECTRICAL MEASUREMENTS	22	28	3
13BJ1A0236	RT31022	MEFA	21	16	0
13BJ1A0236	RT31023	POWER SYSTEMS-II	18	9	0
13BJ1A0236	RT31024	ELECTRICAL MACHINES-III	25	0	0
13BJ1A0236	RT31025	POWER ELECTRONICS	16	24	3
13BJ1A0236	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	42	3
13BJ1A0236	RT31027	ELECTRICAL MACHINES-II LAB	23	47	2
13BJ1A0236	RT31028	CONTROL SYSTEMS LAB	24	44	2
13BJ1A0237	RT31016	IPR & PATENTS	20	48	2
13BJ1A0237	RT31021	ELECTRICAL MEASUREMENTS	23	28	3
13BJ1A0237	RT31022	MEFA	22	24	3
13BJ1A0237	RT31023	POWER SYSTEMS-II	26	44	3
13BJ1A0237	RT31024	ELECTRICAL MACHINES-III	25	38	3
13BJ1A0237	RT31025	POWER ELECTRONICS	25	39	3
13BJ1A0237	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	50	3
13BJ1A0237	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
13BJ1A0237	RT31028	CONTROL SYSTEMS LAB	23	45	2
13BJ1A0240	RT31016	IPR & PATENTS	19	29	2
13BJ1A0240	RT31021	ELECTRICAL MEASUREMENTS	22	11	0
13BJ1A0240	RT31022	MEFA	21	43	3
13BJ1A0240	RT31023	POWER SYSTEMS-II	26	32	3
13BJ1A0240	RT31024	ELECTRICAL MACHINES-III	23	30	3
13BJ1A0240	RT31025	POWER ELECTRONICS	20	25	3
13BJ1A0240	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	36	3
13BJ1A0240	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2
13BJ1A0240	RT31028	CONTROL SYSTEMS LAB	16	32	2
13BJ1A0241	RT31016	IPR & PATENTS	18	19	0
13BJ1A0241	RT31021	ELECTRICAL MEASUREMENTS	23	14	0
13BJ1A0241	RT31022	MEFA	22	15	0
13BJ1A0241	RT31023	POWER SYSTEMS-II	16	0	0
13BJ1A0241	RT31024	ELECTRICAL MACHINES-III	22	7	0
13BJ1A0241	RT31025	POWER ELECTRONICS	17	4	0
13BJ1A0241	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	0	0
13BJ1A0241	RT31027	ELECTRICAL MACHINES-II LAB	22	36	2
13BJ1A0241	RT31028	CONTROL SYSTEMS LAB	15	34	2
13BJ1A0242	RT31016	IPR & PATENTS	21	44	2
13BJ1A0242	RT31021	ELECTRICAL MEASUREMENTS	25	17	0
13BJ1A0242	RT31022	MEFA	23	24	3
13BJ1A0242	RT31023	POWER SYSTEMS-II	24	48	3
13BJ1A0242	RT31024	ELECTRICAL MACHINES-III	22	0	0
13BJ1A0242	RT31025	POWER ELECTRONICS	21	13	0
13BJ1A0242	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	31	3
13BJ1A0242	RT31027	ELECTRICAL MACHINES-II LAB	22	42	2
13BJ1A0242	RT31028	CONTROL SYSTEMS LAB	21	40	2
13BJ1A0301	RT31016	IPR & PATENTS	13	43	2
13BJ1A0301	RT31031	DYNAMICS OF MACHINERY	17	2	0
13BJ1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	14	10	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	41	3
13BJ1A0301	RT31035	THERMAL ENGINEERING-II	18	4	0
13BJ1A0301	RT31036	METROLOGY	14	27	3
13BJ1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	18	34	2
13BJ1A0301	RT31038	MACHINE TOOLS LAB	16	34	2
13BJ1A0302	RT31016	IPR & PATENTS	13	30	2
13BJ1A0302	RT31031	DYNAMICS OF MACHINERY	18	12	0
13BJ1A0302	RT31032	METAL CUTTING & MACHINE TOOLS	14	9	0
13BJ1A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	8	32	3
13BJ1A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	4	0
13BJ1A0302	RT31035	THERMAL ENGINEERING-II	16	24	3
13BJ1A0302	RT31036	METROLOGY	15	18	0
13BJ1A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	20	37	2
13BJ1A0302	RT31038	MACHINE TOOLS LAB	17	37	2
13BJ1A0304	RT31016	IPR & PATENTS	13	29	2
13BJ1A0304	RT31031	DYNAMICS OF MACHINERY	6	17	0
13BJ1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	12	-1	0
13BJ1A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	14	8	0
13BJ1A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	13	0
13BJ1A0304	RT31035	THERMAL ENGINEERING-II	14	12	0
13BJ1A0304	RT31036	METROLOGY	15	11	0
13BJ1A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	19	-1	0
13BJ1A0304	RT31038	MACHINE TOOLS LAB	18	-1	0
13BJ1A0305	RT31016	IPR & PATENTS	23	41	2
13BJ1A0305	RT31031	DYNAMICS OF MACHINERY	18	8	0
13BJ1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	19	27	3
13BJ1A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	14	14	0
13BJ1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	25	3
13BJ1A0305	RT31035	THERMAL ENGINEERING-II	19	24	3
13BJ1A0305	RT31036	METROLOGY	22	12	0
13BJ1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0305	RT31038	MACHINE TOOLS LAB	24	45	2
13BJ1A0306	RT31016	IPR & PATENTS	20	39	2
13BJ1A0306	RT31031	DYNAMICS OF MACHINERY	18	3	0
13BJ1A0306	RT31032	METAL CUTTING & MACHINE TOOLS	22	33	3
13BJ1A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	15	50	3
13BJ1A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	25	3
13BJ1A0306	RT31035	THERMAL ENGINEERING-II	16	10	0
13BJ1A0306	RT31036	METROLOGY	21	44	3
13BJ1A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	25	41	2
13BJ1A0306	RT31038	MACHINE TOOLS LAB	24	40	2
13BJ1A0307	RT31016	IPR & PATENTS	22	35	2
13BJ1A0307	RT31031	DYNAMICS OF MACHINERY	21	25	3
13BJ1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	20	27	3
13BJ1A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	20	29	3
13BJ1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	45	3
13BJ1A0307	RT31035	THERMAL ENGINEERING-II	20	32	3
13BJ1A0307	RT31036	METROLOGY	24	38	3
13BJ1A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13BJ1A0307	RT31038	MACHINE TOOLS LAB	25	47	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0308	RT31016	IPR & PATENTS	21	32	2
13BJ1A0308	RT31031	DYNAMICS OF MACHINERY	18	33	3
13BJ1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	23	43	3
13BJ1A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	16	12	0
13BJ1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	32	3
13BJ1A0308	RT31035	THERMAL ENGINEERING-II	20	33	3
13BJ1A0308	RT31036	METROLOGY	22	35	3
13BJ1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13BJ1A0308	RT31038	MACHINE TOOLS LAB	25	48	2
13BJ1A0309	RT31016	IPR & PATENTS	5	40	2
13BJ1A0309	RT31031	DYNAMICS OF MACHINERY	8	2	0
13BJ1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	9	-1	0
13BJ1A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	8	1	0
13BJ1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	16	0
13BJ1A0309	RT31035	THERMAL ENGINEERING-II	5	6	0
13BJ1A0309	RT31036	METROLOGY	5	0	0
13BJ1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	18	-1	0
13BJ1A0309	RT31038	MACHINE TOOLS LAB	21	-1	0
13BJ1A0310	RT31016	IPR & PATENTS	14	30	2
13BJ1A0310	RT31031	DYNAMICS OF MACHINERY	19	2	0
13BJ1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	16	6	0
13BJ1A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	14	-1	0
13BJ1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	17	0
13BJ1A0310	RT31035	THERMAL ENGINEERING-II	16	6	0
13BJ1A0310	RT31036	METROLOGY	16	14	0
13BJ1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	25	38	2
13BJ1A0310	RT31038	MACHINE TOOLS LAB	23	38	2
13BJ1A0312	RT31016	IPR & PATENTS	20	30	2
13BJ1A0312	RT31031	DYNAMICS OF MACHINERY	18	24	3
13BJ1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	16	39	3
13BJ1A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	14	27	3
13BJ1A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	52	3
13BJ1A0312	RT31035	THERMAL ENGINEERING-II	20	24	3
13BJ1A0312	RT31036	METROLOGY	22	27	3
13BJ1A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13BJ1A0312	RT31038	MACHINE TOOLS LAB	25	47	2
13BJ1A0313	RT31016	IPR & PATENTS	18	25	2
13BJ1A0313	RT31031	DYNAMICS OF MACHINERY	18	24	3
13BJ1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	19	30	3
13BJ1A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	16	16	0
13BJ1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	24	3
13BJ1A0313	RT31035	THERMAL ENGINEERING-II	15	7	0
13BJ1A0313	RT31036	METROLOGY	18	17	0
13BJ1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A0313	RT31038	MACHINE TOOLS LAB	23	44	2
13BJ1A0314	RT31016	IPR & PATENTS	18	31	2
13BJ1A0314	RT31031	DYNAMICS OF MACHINERY	17	9	0
13BJ1A0314	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13BJ1A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	16	8	0
13BJ1A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	27	3
13BJ1A0314	RT31035	THERMAL ENGINEERING-II	14	9	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0314	RT31036	METROLOGY	15	5	0
13BJ1A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
13BJ1A0314	RT31038	MACHINE TOOLS LAB	24	46	2
13BJ1A0316	RT31016	IPR & PATENTS	21	28	2
13BJ1A0316	RT31031	DYNAMICS OF MACHINERY	19	24	3
13BJ1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	21	9	0
13BJ1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	16	36	3
13BJ1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	39	3
13BJ1A0316	RT31035	THERMAL ENGINEERING-II	17	10	0
13BJ1A0316	RT31036	METROLOGY	23	17	0
13BJ1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	25	41	2
13BJ1A0316	RT31038	MACHINE TOOLS LAB	25	41	2
13BJ1A0317	RT31016	IPR & PATENTS	17	36	2
13BJ1A0317	RT31031	DYNAMICS OF MACHINERY	17	24	3
13BJ1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	17	34	3
13BJ1A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	14	3	0
13BJ1A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	33	3
13BJ1A0317	RT31035	THERMAL ENGINEERING-II	20	9	0
13BJ1A0317	RT31036	METROLOGY	17	24	3
13BJ1A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A0317	RT31038	MACHINE TOOLS LAB	23	44	2
13BJ1A0318	RT31016	IPR & PATENTS	15	31	2
13BJ1A0318	RT31031	DYNAMICS OF MACHINERY	14	16	0
13BJ1A0318	RT31032	METAL CUTTING & MACHINE TOOLS	14	29	3
13BJ1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	5	2	0
13BJ1A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	17	0
13BJ1A0318	RT31035	THERMAL ENGINEERING-II	14	26	3
13BJ1A0318	RT31036	METROLOGY	14	7	0
13BJ1A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	19	-1	0
13BJ1A0318	RT31038	MACHINE TOOLS LAB	21	30	2
13BJ1A0319	RT31016	IPR & PATENTS	21	50	2
13BJ1A0319	RT31031	DYNAMICS OF MACHINERY	15	13	0
13BJ1A0319	RT31032	METAL CUTTING & MACHINE TOOLS	18	59	3
13BJ1A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	15	9	0
13BJ1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	27	3
13BJ1A0319	RT31035	THERMAL ENGINEERING-II	21	25	3
13BJ1A0319	RT31036	METROLOGY	20	12	0
13BJ1A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A0319	RT31038	MACHINE TOOLS LAB	25	44	2
13BJ1A0320	RT31016	IPR & PATENTS	16	29	2
13BJ1A0320	RT31031	DYNAMICS OF MACHINERY	15	0	0
13BJ1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	2	0
13BJ1A0320	RT31035	THERMAL ENGINEERING-II	14	3	0
13BJ1A0320	RT31036	METROLOGY	15	8	0
13BJ1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	23	39	2
13BJ1A0320	RT31038	MACHINE TOOLS LAB	16	39	2
13BJ1A0321	RT31016	IPR & PATENTS	21	37	2
13BJ1A0321	RT31031	DYNAMICS OF MACHINERY	23	25	3
13BJ1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	23	29	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	15	32	3
13BJ1A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	36	3
13BJ1A0321	RT31035	THERMAL ENGINEERING-II	23	36	3
13BJ1A0321	RT31036	METROLOGY	21	37	3
13BJ1A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	25	40	2
13BJ1A0321	RT31038	MACHINE TOOLS LAB	22	40	2
13BJ1A0322	RT31016	IPR & PATENTS	24	56	2
13BJ1A0322	RT31031	DYNAMICS OF MACHINERY	26	40	3
13BJ1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	23	50	3
13BJ1A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	24	34	3
13BJ1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	49	3
13BJ1A0322	RT31035	THERMAL ENGINEERING-II	24	44	3
13BJ1A0322	RT31036	METROLOGY	24	47	3
13BJ1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0322	RT31038	MACHINE TOOLS LAB	23	45	2
13BJ1A0323	RT31016	IPR & PATENTS	15	44	2
13BJ1A0323	RT31031	DYNAMICS OF MACHINERY	18	7	0
13BJ1A0323	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13BJ1A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	14	12	0
13BJ1A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	25	3
13BJ1A0323	RT31035	THERMAL ENGINEERING-II	20	5	0
13BJ1A0323	RT31036	METROLOGY	21	6	0
13BJ1A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13BJ1A0323	RT31038	MACHINE TOOLS LAB	22	47	2
13BJ1A0325	RT31016	IPR & PATENTS	18	34	2
13BJ1A0325	RT31031	DYNAMICS OF MACHINERY	16	4	0
13BJ1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	16	34	3
13BJ1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	16	28	3
13BJ1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	36	3
13BJ1A0325	RT31035	THERMAL ENGINEERING-II	19	24	3
13BJ1A0325	RT31036	METROLOGY	18	24	3
13BJ1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
13BJ1A0325	RT31038	MACHINE TOOLS LAB	18	42	2
13BJ1A0326	RT31016	IPR & PATENTS	15	36	2
13BJ1A0326	RT31031	DYNAMICS OF MACHINERY	16	24	3
13BJ1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	15	7	0
13BJ1A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	15	15	0
13BJ1A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	27	3
13BJ1A0326	RT31035	THERMAL ENGINEERING-II	14	14	0
13BJ1A0326	RT31036	METROLOGY	15	25	3
13BJ1A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	18	44	2
13BJ1A0326	RT31038	MACHINE TOOLS LAB	18	44	2
13BJ1A0327	RT31016	IPR & PATENTS	15	56	2
13BJ1A0327	RT31031	DYNAMICS OF MACHINERY	14	43	3
13BJ1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	17	59	3
13BJ1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	16	27	3
13BJ1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	38	3
13BJ1A0327	RT31035	THERMAL ENGINEERING-II	19	35	3
13BJ1A0327	RT31036	METROLOGY	18	51	3
13BJ1A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0327	RT31038	MACHINE TOOLS LAB	25	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0328	RT31016	IPR & PATENTS	22	53	2
13BJ1A0328	RT31031	DYNAMICS OF MACHINERY	24	32	3
13BJ1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	22	57	3
13BJ1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	22	45	3
13BJ1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	44	3
13BJ1A0328	RT31035	THERMAL ENGINEERING-II	24	24	3
13BJ1A0328	RT31036	METROLOGY	22	30	3
13BJ1A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13BJ1A0328	RT31038	MACHINE TOOLS LAB	25	48	2
13BJ1A0332	RT31016	IPR & PATENTS	14	42	2
13BJ1A0332	RT31031	DYNAMICS OF MACHINERY	14	26	3
13BJ1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	21	48	3
13BJ1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	14	36	3
13BJ1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	44	3
13BJ1A0332	RT31035	THERMAL ENGINEERING-II	18	28	3
13BJ1A0332	RT31036	METROLOGY	20	35	3
13BJ1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	25	39	2
13BJ1A0332	RT31038	MACHINE TOOLS LAB	24	39	2
13BJ1A0333	RT31016	IPR & PATENTS	13	25	0
13BJ1A0333	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	14	5	0
13BJ1A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	14	1	0
13BJ1A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	3	0
13BJ1A0333	RT31035	THERMAL ENGINEERING-II	16	7	0
13BJ1A0333	RT31036	METROLOGY	14	12	0
13BJ1A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	21	48	2
13BJ1A0333	RT31038	MACHINE TOOLS LAB	19	48	2
13BJ1A0337	RT31016	IPR & PATENTS	15	32	2
13BJ1A0337	RT31031	DYNAMICS OF MACHINERY	17	15	0
13BJ1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	21	35	3
13BJ1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	24	3
13BJ1A0337	RT31035	THERMAL ENGINEERING-II	15	25	3
13BJ1A0337	RT31036	METROLOGY	17	30	3
13BJ1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A0337	RT31038	MACHINE TOOLS LAB	22	44	2
13BJ1A0338	RT31016	IPR & PATENTS	21	50	2
13BJ1A0338	RT31031	DYNAMICS OF MACHINERY	20	30	3
13BJ1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	22	46	3
13BJ1A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	14	34	3
13BJ1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	27	3
13BJ1A0338	RT31035	THERMAL ENGINEERING-II	18	8	0
13BJ1A0338	RT31036	METROLOGY	23	35	3
13BJ1A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	25	42	2
13BJ1A0338	RT31038	MACHINE TOOLS LAB	23	42	2
13BJ1A0339	RT31016	IPR & PATENTS	18	41	2
13BJ1A0339	RT31031	DYNAMICS OF MACHINERY	18	24	3
13BJ1A0339	RT31032	METAL CUTTING & MACHINE TOOLS	16	50	3
13BJ1A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	14	56	3
13BJ1A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	47	3
13BJ1A0339	RT31035	THERMAL ENGINEERING-II	17	10	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0339	RT31036	METROLOGY	19	39	3
13BJ1A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
13BJ1A0339	RT31038	MACHINE TOOLS LAB	22	46	2
13BJ1A0340	RT31016	IPR & PATENTS	18	35	2
13BJ1A0340	RT31031	DYNAMICS OF MACHINERY	15	9	0
13BJ1A0340	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
13BJ1A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	24	3
13BJ1A0340	RT31035	THERMAL ENGINEERING-II	16	24	3
13BJ1A0340	RT31036	METROLOGY	19	24	3
13BJ1A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
13BJ1A0340	RT31038	MACHINE TOOLS LAB	21	46	2
13BJ1A0342	RT31016	IPR & PATENTS	16	25	2
13BJ1A0342	RT31031	DYNAMICS OF MACHINERY	18	30	3
13BJ1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	15	40	3
13BJ1A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	14	17	0
13BJ1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	15	0
13BJ1A0342	RT31035	THERMAL ENGINEERING-II	19	24	3
13BJ1A0342	RT31036	METROLOGY	16	33	3
13BJ1A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13BJ1A0342	RT31038	MACHINE TOOLS LAB	22	47	2
13BJ1A0344	RT31016	IPR & PATENTS	5	-1	0
13BJ1A0344	RT31031	DYNAMICS OF MACHINERY	5	-1	0
13BJ1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	10	-1	0
13BJ1A0344	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
13BJ1A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	-1	0
13BJ1A0344	RT31035	THERMAL ENGINEERING-II	5	-1	0
13BJ1A0344	RT31036	METROLOGY	5	-1	0
13BJ1A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	18	-1	0
13BJ1A0344	RT31038	MACHINE TOOLS LAB	20	-1	0
13BJ1A0347	RT31016	IPR & PATENTS	18	37	2
13BJ1A0347	RT31031	DYNAMICS OF MACHINERY	20	41	3
13BJ1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	21	59	3
13BJ1A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	16	60	3
13BJ1A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	33	3
13BJ1A0347	RT31035	THERMAL ENGINEERING-II	21	41	3
13BJ1A0347	RT31036	METROLOGY	21	36	3
13BJ1A0347	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13BJ1A0347	RT31038	MACHINE TOOLS LAB	24	48	2
13BJ1A0348	RT31016	IPR & PATENTS	16	40	2
13BJ1A0348	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A0348	RT31032	METAL CUTTING & MACHINE TOOLS	14	9	0
13BJ1A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	13	30	3
13BJ1A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	30	3
13BJ1A0348	RT31035	THERMAL ENGINEERING-II	17	24	3
13BJ1A0348	RT31036	METROLOGY	15	25	3
13BJ1A0348	RT31037	METROLOGY & INSTRUMENTATION LAB	17	29	2
13BJ1A0348	RT31038	MACHINE TOOLS LAB	21	30	2
13BJ1A0349	RT31016	IPR & PATENTS	16	36	2
13BJ1A0349	RT31031	DYNAMICS OF MACHINERY	15	7	0
13BJ1A0349	RT31032	METAL CUTTING & MACHINE TOOLS	16	33	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0349	RT31033	DESIGN OF MACHINE MEMBERS-I	14	12	0
13BJ1A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	12	0
13BJ1A0349	RT31035	THERMAL ENGINEERING-II	14	26	3
13BJ1A0349	RT31036	METROLOGY	21	24	3
13BJ1A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	18	45	2
13BJ1A0349	RT31038	MACHINE TOOLS LAB	17	45	2
13BJ1A0350	RT31016	IPR & PATENTS	16	38	2
13BJ1A0350	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A0350	RT31032	METAL CUTTING & MACHINE TOOLS	19	24	3
13BJ1A0350	RT31033	DESIGN OF MACHINE MEMBERS-I	14	12	0
13BJ1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	15	0
13BJ1A0350	RT31035	THERMAL ENGINEERING-II	14	4	0
13BJ1A0350	RT31036	METROLOGY	14	2	0
13BJ1A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A0350	RT31038	MACHINE TOOLS LAB	23	44	2
13BJ1A0351	RT31016	IPR & PATENTS	18	39	2
13BJ1A0351	RT31031	DYNAMICS OF MACHINERY	19	25	3
13BJ1A0351	RT31032	METAL CUTTING & MACHINE TOOLS	16	50	3
13BJ1A0351	RT31033	DESIGN OF MACHINE MEMBERS-I	15	51	3
13BJ1A0351	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	26	3
13BJ1A0351	RT31035	THERMAL ENGINEERING-II	22	35	3
13BJ1A0351	RT31036	METROLOGY	20	33	3
13BJ1A0351	RT31037	METROLOGY & INSTRUMENTATION LAB	25	50	2
13BJ1A0351	RT31038	MACHINE TOOLS LAB	21	50	2
13BJ1A0352	RT31016	IPR & PATENTS	18	35	2
13BJ1A0352	RT31031	DYNAMICS OF MACHINERY	15	46	3
13BJ1A0352	RT31032	METAL CUTTING & MACHINE TOOLS	18	40	3
13BJ1A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	14	41	3
13BJ1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	36	3
13BJ1A0352	RT31035	THERMAL ENGINEERING-II	20	26	3
13BJ1A0352	RT31036	METROLOGY	20	33	3
13BJ1A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0352	RT31038	MACHINE TOOLS LAB	24	45	2
13BJ1A0353	RT31016	IPR & PATENTS	18	37	2
13BJ1A0353	RT31031	DYNAMICS OF MACHINERY	15	13	0
13BJ1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	16	35	3
13BJ1A0353	RT31033	DESIGN OF MACHINE MEMBERS-I	14	16	0
13BJ1A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
13BJ1A0353	RT31035	THERMAL ENGINEERING-II	16	25	3
13BJ1A0353	RT31036	METROLOGY	20	30	3
13BJ1A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13BJ1A0353	RT31038	MACHINE TOOLS LAB	16	42	2
13BJ1A0354	RT31016	IPR & PATENTS	17	-1	0
13BJ1A0354	RT31031	DYNAMICS OF MACHINERY	15	-1	0
13BJ1A0354	RT31032	METAL CUTTING & MACHINE TOOLS	18	13	0
13BJ1A0354	RT31033	DESIGN OF MACHINE MEMBERS-I	14	0	0
13BJ1A0354	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	12	0
13BJ1A0354	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A0354	RT31036	METROLOGY	14	-1	0
13BJ1A0354	RT31037	METROLOGY & INSTRUMENTATION LAB	25	-1	0
13BJ1A0354	RT31038	MACHINE TOOLS LAB	23	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0355	RT31016	IPR & PATENTS	14	33	2
13BJ1A0355	RT31031	DYNAMICS OF MACHINERY	15	8	0
13BJ1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	15	44	3
13BJ1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	38	3
13BJ1A0355	RT31035	THERMAL ENGINEERING-II	14	5	0
13BJ1A0355	RT31036	METROLOGY	14	26	3
13BJ1A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
13BJ1A0355	RT31038	MACHINE TOOLS LAB	21	45	2
13BJ1A0356	RT31016	IPR & PATENTS	12	28	2
13BJ1A0356	RT31031	DYNAMICS OF MACHINERY	16	6	0
13BJ1A0356	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13BJ1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	14	10	0
13BJ1A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	31	3
13BJ1A0356	RT31035	THERMAL ENGINEERING-II	14	12	0
13BJ1A0356	RT31036	METROLOGY	14	14	0
13BJ1A0356	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
13BJ1A0356	RT31038	MACHINE TOOLS LAB	18	45	2
13BJ1A0357	RT31016	IPR & PATENTS	21	26	2
13BJ1A0357	RT31031	DYNAMICS OF MACHINERY	18	14	0
13BJ1A0357	RT31032	METAL CUTTING & MACHINE TOOLS	17	36	3
13BJ1A0357	RT31033	DESIGN OF MACHINE MEMBERS-I	14	15	0
13BJ1A0357	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	24	3
13BJ1A0357	RT31035	THERMAL ENGINEERING-II	20	35	3
13BJ1A0357	RT31036	METROLOGY	20	35	3
13BJ1A0357	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0357	RT31038	MACHINE TOOLS LAB	23	45	2
13BJ1A0359	RT31016	IPR & PATENTS	22	49	2
13BJ1A0359	RT31031	DYNAMICS OF MACHINERY	18	12	0
13BJ1A0359	RT31032	METAL CUTTING & MACHINE TOOLS	19	45	3
13BJ1A0359	RT31033	DESIGN OF MACHINE MEMBERS-I	15	12	0
13BJ1A0359	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	39	3
13BJ1A0359	RT31035	THERMAL ENGINEERING-II	22	24	3
13BJ1A0359	RT31036	METROLOGY	21	13	0
13BJ1A0359	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
13BJ1A0359	RT31038	MACHINE TOOLS LAB	23	46	2
13BJ1A0360	RT31016	IPR & PATENTS	21	38	2
13BJ1A0360	RT31031	DYNAMICS OF MACHINERY	19	34	3
13BJ1A0360	RT31032	METAL CUTTING & MACHINE TOOLS	21	43	3
13BJ1A0360	RT31033	DESIGN OF MACHINE MEMBERS-I	15	58	3
13BJ1A0360	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	39	3
13BJ1A0360	RT31035	THERMAL ENGINEERING-II	22	49	3
13BJ1A0360	RT31036	METROLOGY	23	32	3
13BJ1A0360	RT31037	METROLOGY & INSTRUMENTATION LAB	25	49	2
13BJ1A0360	RT31038	MACHINE TOOLS LAB	25	49	2
13BJ1A0361	RT31016	IPR & PATENTS	19	36	2
13BJ1A0361	RT31031	DYNAMICS OF MACHINERY	17	41	3
13BJ1A0361	RT31032	METAL CUTTING & MACHINE TOOLS	16	36	3
13BJ1A0361	RT31033	DESIGN OF MACHINE MEMBERS-I	14	35	3
13BJ1A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	36	3
13BJ1A0361	RT31035	THERMAL ENGINEERING-II	20	39	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0361	RT31036	METROLOGY	18	34	3
13BJ1A0361	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A0361	RT31038	MACHINE TOOLS LAB	25	49	2
13BJ1A0362	RT31016	IPR & PATENTS	19	28	2
13BJ1A0362	RT31031	DYNAMICS OF MACHINERY	14	3	0
13BJ1A0362	RT31032	METAL CUTTING & MACHINE TOOLS	16	35	3
13BJ1A0362	RT31033	DESIGN OF MACHINE MEMBERS-I	14	16	0
13BJ1A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	29	3
13BJ1A0362	RT31035	THERMAL ENGINEERING-II	14	8	0
13BJ1A0362	RT31036	METROLOGY	14	5	0
13BJ1A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	18	37	2
13BJ1A0362	RT31038	MACHINE TOOLS LAB	19	37	2
13BJ1A0363	RT31016	IPR & PATENTS	17	36	2
13BJ1A0363	RT31031	DYNAMICS OF MACHINERY	14	4	0
13BJ1A0363	RT31032	METAL CUTTING & MACHINE TOOLS	15	25	3
13BJ1A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	14	6	0
13BJ1A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	18	0
13BJ1A0363	RT31035	THERMAL ENGINEERING-II	18	0	0
13BJ1A0363	RT31036	METROLOGY	18	1	0
13BJ1A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	25	39	2
13BJ1A0363	RT31038	MACHINE TOOLS LAB	18	39	2
13BJ1A0364	RT31016	IPR & PATENTS	8	32	2
13BJ1A0364	RT31031	DYNAMICS OF MACHINERY	14	4	0
13BJ1A0364	RT31032	METAL CUTTING & MACHINE TOOLS	14	35	3
13BJ1A0364	RT31033	DESIGN OF MACHINE MEMBERS-I	14	27	3
13BJ1A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	47	3
13BJ1A0364	RT31035	THERMAL ENGINEERING-II	14	6	0
13BJ1A0364	RT31036	METROLOGY	9	0	0
13BJ1A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	21	35	2
13BJ1A0364	RT31038	MACHINE TOOLS LAB	19	35	2
13BJ1A0366	RT31016	IPR & PATENTS	16	38	2
13BJ1A0366	RT31031	DYNAMICS OF MACHINERY	15	11	0
13BJ1A0366	RT31032	METAL CUTTING & MACHINE TOOLS	15	8	0
13BJ1A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	15	3	0
13BJ1A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	2	0
13BJ1A0366	RT31035	THERMAL ENGINEERING-II	14	10	0
13BJ1A0366	RT31036	METROLOGY	18	27	3
13BJ1A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	17	32	2
13BJ1A0366	RT31038	MACHINE TOOLS LAB	18	32	2
13BJ1A0367	RT31016	IPR & PATENTS	16	6	0
13BJ1A0367	RT31031	DYNAMICS OF MACHINERY	14	3	0
13BJ1A0367	RT31032	METAL CUTTING & MACHINE TOOLS	5	0	0
13BJ1A0367	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A0367	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	3	0
13BJ1A0367	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A0367	RT31036	METROLOGY	15	0	0
13BJ1A0367	RT31037	METROLOGY & INSTRUMENTATION LAB	17	35	2
13BJ1A0367	RT31038	MACHINE TOOLS LAB	19	35	2
13BJ1A0369	RT31016	IPR & PATENTS	19	45	2
13BJ1A0369	RT31031	DYNAMICS OF MACHINERY	15	11	0
13BJ1A0369	RT31032	METAL CUTTING & MACHINE TOOLS	18	45	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0369	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0369	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	29	3
13BJ1A0369	RT31035	THERMAL ENGINEERING-II	19	5	0
13BJ1A0369	RT31036	METROLOGY	19	30	3
13BJ1A0369	RT31037	METROLOGY & INSTRUMENTATION LAB	24	45	2
13BJ1A0369	RT31038	MACHINE TOOLS LAB	22	45	2
13BJ1A0370	RT31016	IPR & PATENTS	5	-1	0
13BJ1A0370	RT31031	DYNAMICS OF MACHINERY	5	-1	0
13BJ1A0370	RT31032	METAL CUTTING & MACHINE TOOLS	13	-1	0
13BJ1A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
13BJ1A0370	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	-1	0
13BJ1A0370	RT31035	THERMAL ENGINEERING-II	14	-1	0
13BJ1A0370	RT31036	METROLOGY	8	-1	0
13BJ1A0370	RT31037	METROLOGY & INSTRUMENTATION LAB	16	-1	0
13BJ1A0370	RT31038	MACHINE TOOLS LAB	21	-1	0
13BJ1A0371	RT31016	IPR & PATENTS	17	36	2
13BJ1A0371	RT31031	DYNAMICS OF MACHINERY	17	36	3
13BJ1A0371	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13BJ1A0371	RT31033	DESIGN OF MACHINE MEMBERS-I	15	29	3
13BJ1A0371	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	40	3
13BJ1A0371	RT31035	THERMAL ENGINEERING-II	17	35	3
13BJ1A0371	RT31036	METROLOGY	22	31	3
13BJ1A0371	RT31037	METROLOGY & INSTRUMENTATION LAB	25	41	2
13BJ1A0371	RT31038	MACHINE TOOLS LAB	24	41	2
13BJ1A0372	RT31016	IPR & PATENTS	19	40	2
13BJ1A0372	RT31031	DYNAMICS OF MACHINERY	18	16	0
13BJ1A0372	RT31032	METAL CUTTING & MACHINE TOOLS	17	25	3
13BJ1A0372	RT31033	DESIGN OF MACHINE MEMBERS-I	14	18	0
13BJ1A0372	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	-1	0
13BJ1A0372	RT31035	THERMAL ENGINEERING-II	14	-1	0
13BJ1A0372	RT31036	METROLOGY	20	3	0
13BJ1A0372	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
13BJ1A0372	RT31038	MACHINE TOOLS LAB	18	48	2
13BJ1A0373	RT31016	IPR & PATENTS	5	46	2
13BJ1A0373	RT31031	DYNAMICS OF MACHINERY	14	16	0
13BJ1A0373	RT31032	METAL CUTTING & MACHINE TOOLS	14	42	3
13BJ1A0373	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0373	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	26	3
13BJ1A0373	RT31035	THERMAL ENGINEERING-II	14	1	0
13BJ1A0373	RT31036	METROLOGY	5	14	0
13BJ1A0373	RT31037	METROLOGY & INSTRUMENTATION LAB	18	34	2
13BJ1A0373	RT31038	MACHINE TOOLS LAB	16	34	2
13BJ1A0374	RT31016	IPR & PATENTS	5	-1	0
13BJ1A0374	RT31031	DYNAMICS OF MACHINERY	5	11	0
13BJ1A0374	RT31032	METAL CUTTING & MACHINE TOOLS	18	26	3
13BJ1A0374	RT31033	DESIGN OF MACHINE MEMBERS-I	15	38	3
13BJ1A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	38	3
13BJ1A0374	RT31035	THERMAL ENGINEERING-II	8	10	0
13BJ1A0374	RT31036	METROLOGY	7	-1	0
13BJ1A0374	RT31037	METROLOGY & INSTRUMENTATION LAB	17	-1	0
13BJ1A0374	RT31038	MACHINE TOOLS LAB	17	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0376	RT31016	IPR & PATENTS	21	30	2
13BJ1A0376	RT31031	DYNAMICS OF MACHINERY	15	13	0
13BJ1A0376	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A0376	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0376	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	37	3
13BJ1A0376	RT31035	THERMAL ENGINEERING-II	16	9	0
13BJ1A0376	RT31036	METROLOGY	14	26	3
13BJ1A0376	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
13BJ1A0376	RT31038	MACHINE TOOLS LAB	18	43	2
13BJ1A0377	RT31016	IPR & PATENTS	20	48	2
13BJ1A0377	RT31031	DYNAMICS OF MACHINERY	15	29	3
13BJ1A0377	RT31032	METAL CUTTING & MACHINE TOOLS	16	32	3
13BJ1A0377	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0377	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	42	3
13BJ1A0377	RT31035	THERMAL ENGINEERING-II	17	36	3
13BJ1A0377	RT31036	METROLOGY	21	42	3
13BJ1A0377	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
13BJ1A0377	RT31038	MACHINE TOOLS LAB	23	43	2
13BJ1A0378	RT31016	IPR & PATENTS	21	48	2
13BJ1A0378	RT31031	DYNAMICS OF MACHINERY	19	8	0
13BJ1A0378	RT31032	METAL CUTTING & MACHINE TOOLS	24	63	3
13BJ1A0378	RT31033	DESIGN OF MACHINE MEMBERS-I	16	25	3
13BJ1A0378	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	29	3
13BJ1A0378	RT31035	THERMAL ENGINEERING-II	17	1	0
13BJ1A0378	RT31036	METROLOGY	24	11	0
13BJ1A0378	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
13BJ1A0378	RT31038	MACHINE TOOLS LAB	23	44	2
13BJ1A0379	RT31016	IPR & PATENTS	12	-1	0
13BJ1A0379	RT31031	DYNAMICS OF MACHINERY	15	2	0
13BJ1A0379	RT31032	METAL CUTTING & MACHINE TOOLS	14	-1	0
13BJ1A0379	RT31033	DESIGN OF MACHINE MEMBERS-I	14	30	3
13BJ1A0379	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	3	0
13BJ1A0379	RT31035	THERMAL ENGINEERING-II	15	3	0
13BJ1A0379	RT31036	METROLOGY	8	-1	0
13BJ1A0379	RT31037	METROLOGY & INSTRUMENTATION LAB	17	30	2
13BJ1A0379	RT31038	MACHINE TOOLS LAB	16	31	2
13BJ1A0380	RT31016	IPR & PATENTS	19	35	2
13BJ1A0380	RT31031	DYNAMICS OF MACHINERY	18	11	0
13BJ1A0380	RT31032	METAL CUTTING & MACHINE TOOLS	18	35	3
13BJ1A0380	RT31033	DESIGN OF MACHINE MEMBERS-I	19	33	3
13BJ1A0380	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	40	3
13BJ1A0380	RT31035	THERMAL ENGINEERING-II	20	10	0
13BJ1A0380	RT31036	METROLOGY	23	39	3
13BJ1A0380	RT31037	METROLOGY & INSTRUMENTATION LAB	23	33	2
13BJ1A0380	RT31038	MACHINE TOOLS LAB	20	33	2
13BJ1A0381	RT31016	IPR & PATENTS	20	36	2
13BJ1A0381	RT31031	DYNAMICS OF MACHINERY	18	27	3
13BJ1A0381	RT31032	METAL CUTTING & MACHINE TOOLS	16	31	3
13BJ1A0381	RT31033	DESIGN OF MACHINE MEMBERS-I	14	30	3
13BJ1A0381	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	27	3
13BJ1A0381	RT31035	THERMAL ENGINEERING-II	21	24	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0381	RT31036	METROLOGY	18	41	3
13BJ1A0381	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
13BJ1A0381	RT31038	MACHINE TOOLS LAB	25	42	2
13BJ1A0382	RT31016	IPR & PATENTS	20	41	2
13BJ1A0382	RT31031	DYNAMICS OF MACHINERY	18	34	3
13BJ1A0382	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A0382	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A0382	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	36	3
13BJ1A0382	RT31035	THERMAL ENGINEERING-II	23	8	0
13BJ1A0382	RT31036	METROLOGY	21	7	0
13BJ1A0382	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
13BJ1A0382	RT31038	MACHINE TOOLS LAB	22	41	2
13BJ1A0383	RT31016	IPR & PATENTS	17	31	2
13BJ1A0383	RT31031	DYNAMICS OF MACHINERY	17	24	3
13BJ1A0383	RT31032	METAL CUTTING & MACHINE TOOLS	14	37	3
13BJ1A0383	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A0383	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	39	3
13BJ1A0383	RT31035	THERMAL ENGINEERING-II	18	13	0
13BJ1A0383	RT31036	METROLOGY	20	36	3
13BJ1A0383	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
13BJ1A0383	RT31038	MACHINE TOOLS LAB	21	42	2
13BJ1A0384	RT31016	IPR & PATENTS	20	35	2
13BJ1A0384	RT31031	DYNAMICS OF MACHINERY	17	11	0
13BJ1A0384	RT31032	METAL CUTTING & MACHINE TOOLS	18	36	3
13BJ1A0384	RT31033	DESIGN OF MACHINE MEMBERS-I	14	14	0
13BJ1A0384	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	37	3
13BJ1A0384	RT31035	THERMAL ENGINEERING-II	22	24	3
13BJ1A0384	RT31036	METROLOGY	16	31	3
13BJ1A0384	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
13BJ1A0384	RT31038	MACHINE TOOLS LAB	17	41	2
13BJ1A0385	RT31016	IPR & PATENTS	19	34	2
13BJ1A0385	RT31031	DYNAMICS OF MACHINERY	17	46	3
13BJ1A0385	RT31032	METAL CUTTING & MACHINE TOOLS	16	38	3
13BJ1A0385	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A0385	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	39	3
13BJ1A0385	RT31035	THERMAL ENGINEERING-II	16	36	3
13BJ1A0385	RT31036	METROLOGY	21	37	3
13BJ1A0385	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13BJ1A0385	RT31038	MACHINE TOOLS LAB	23	45	2
13BJ1A0386	RT31016	IPR & PATENTS	15	46	2
13BJ1A0386	RT31031	DYNAMICS OF MACHINERY	16	8	0
13BJ1A0386	RT31032	METAL CUTTING & MACHINE TOOLS	14	50	3
13BJ1A0386	RT31033	DESIGN OF MACHINE MEMBERS-I	14	7	0
13BJ1A0386	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	27	3
13BJ1A0386	RT31035	THERMAL ENGINEERING-II	15	2	0
13BJ1A0386	RT31036	METROLOGY	16	9	0
13BJ1A0386	RT31037	METROLOGY & INSTRUMENTATION LAB	25	37	2
13BJ1A0386	RT31038	MACHINE TOOLS LAB	22	37	2
13BJ1A0387	RT31016	IPR & PATENTS	18	14	0
13BJ1A0387	RT31031	DYNAMICS OF MACHINERY	18	24	3
13BJ1A0387	RT31032	METAL CUTTING & MACHINE TOOLS	19	38	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0387	RT31033	DESIGN OF MACHINE MEMBERS-I	14	39	3
13BJ1A0387	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	37	3
13BJ1A0387	RT31035	THERMAL ENGINEERING-II	15	12	0
13BJ1A0387	RT31036	METROLOGY	15	29	3
13BJ1A0387	RT31037	METROLOGY & INSTRUMENTATION LAB	19	42	2
13BJ1A0387	RT31038	MACHINE TOOLS LAB	24	42	2
13BJ1A0388	RT31016	IPR & PATENTS	5	-1	0
13BJ1A0388	RT31031	DYNAMICS OF MACHINERY	8	-1	0
13BJ1A0388	RT31032	METAL CUTTING & MACHINE TOOLS	14	-1	0
13BJ1A0388	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
13BJ1A0388	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	-1	0
13BJ1A0388	RT31035	THERMAL ENGINEERING-II	5	-1	0
13BJ1A0388	RT31036	METROLOGY	9	-1	0
13BJ1A0388	RT31037	METROLOGY & INSTRUMENTATION LAB	15	-1	0
13BJ1A0388	RT31038	MACHINE TOOLS LAB	18	-1	0
13BJ1A0391	RT31016	IPR & PATENTS	14	26	2
13BJ1A0391	RT31031	DYNAMICS OF MACHINERY	16	30	3
13BJ1A0391	RT31032	METAL CUTTING & MACHINE TOOLS	19	28	3
13BJ1A0391	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A0391	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	24	3
13BJ1A0391	RT31035	THERMAL ENGINEERING-II	17	24	3
13BJ1A0391	RT31036	METROLOGY	15	33	3
13BJ1A0391	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13BJ1A0391	RT31038	MACHINE TOOLS LAB	19	45	2
13BJ1A0392	RT31016	IPR & PATENTS	16	46	2
13BJ1A0392	RT31031	DYNAMICS OF MACHINERY	15	4	0
13BJ1A0392	RT31032	METAL CUTTING & MACHINE TOOLS	14	39	3
13BJ1A0392	RT31033	DESIGN OF MACHINE MEMBERS-I	15	4	0
13BJ1A0392	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	16	0
13BJ1A0392	RT31035	THERMAL ENGINEERING-II	14	2	0
13BJ1A0392	RT31036	METROLOGY	14	4	0
13BJ1A0392	RT31037	METROLOGY & INSTRUMENTATION LAB	20	46	2
13BJ1A0392	RT31038	MACHINE TOOLS LAB	16	46	2
13BJ1A0393	RT31016	IPR & PATENTS	15	34	2
13BJ1A0393	RT31031	DYNAMICS OF MACHINERY	19	24	3
13BJ1A0393	RT31032	METAL CUTTING & MACHINE TOOLS	15	25	3
13BJ1A0393	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A0393	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
13BJ1A0393	RT31035	THERMAL ENGINEERING-II	14	6	0
13BJ1A0393	RT31036	METROLOGY	17	36	3
13BJ1A0393	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
13BJ1A0393	RT31038	MACHINE TOOLS LAB	19	42	2
13BJ1A0394	RT31016	IPR & PATENTS	15	39	2
13BJ1A0394	RT31031	DYNAMICS OF MACHINERY	7	44	3
13BJ1A0394	RT31032	METAL CUTTING & MACHINE TOOLS	5	12	0
13BJ1A0394	RT31033	DESIGN OF MACHINE MEMBERS-I	5	35	3
13BJ1A0394	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	9	0
13BJ1A0394	RT31035	THERMAL ENGINEERING-II	5	13	0
13BJ1A0394	RT31036	METROLOGY	5	11	0
13BJ1A0394	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
13BJ1A0394	RT31038	MACHINE TOOLS LAB	16	43	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0396	RT31016	IPR & PATENTS	19	48	2
13BJ1A0396	RT31031	DYNAMICS OF MACHINERY	14	9	0
13BJ1A0396	RT31032	METAL CUTTING & MACHINE TOOLS	14	27	3
13BJ1A0396	RT31033	DESIGN OF MACHINE MEMBERS-I	14	17	0
13BJ1A0396	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	28	3
13BJ1A0396	RT31035	THERMAL ENGINEERING-II	19	36	3
13BJ1A0396	RT31036	METROLOGY	21	31	3
13BJ1A0396	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
13BJ1A0396	RT31038	MACHINE TOOLS LAB	24	40	2
13BJ1A0397	RT31016	IPR & PATENTS	13	42	2
13BJ1A0397	RT31031	DYNAMICS OF MACHINERY	14	1	0
13BJ1A0397	RT31032	METAL CUTTING & MACHINE TOOLS	14	8	0
13BJ1A0397	RT31033	DESIGN OF MACHINE MEMBERS-I	14	0	0
13BJ1A0397	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	11	0
13BJ1A0397	RT31035	THERMAL ENGINEERING-II	15	2	0
13BJ1A0397	RT31036	METROLOGY	14	6	0
13BJ1A0397	RT31037	METROLOGY & INSTRUMENTATION LAB	17	30	2
13BJ1A0397	RT31038	MACHINE TOOLS LAB	18	34	2
13BJ1A0398	RT31016	IPR & PATENTS	19	34	2
13BJ1A0398	RT31031	DYNAMICS OF MACHINERY	18	7	0
13BJ1A0398	RT31032	METAL CUTTING & MACHINE TOOLS	15	39	3
13BJ1A0398	RT31033	DESIGN OF MACHINE MEMBERS-I	14	32	3
13BJ1A0398	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	30	3
13BJ1A0398	RT31035	THERMAL ENGINEERING-II	19	8	0
13BJ1A0398	RT31036	METROLOGY	19	28	3
13BJ1A0398	RT31037	METROLOGY & INSTRUMENTATION LAB	23	33	2
13BJ1A0398	RT31038	MACHINE TOOLS LAB	23	33	2
13BJ1A0399	RT31016	IPR & PATENTS	21	28	2
13BJ1A0399	RT31031	DYNAMICS OF MACHINERY	17	40	3
13BJ1A0399	RT31032	METAL CUTTING & MACHINE TOOLS	17	26	3
13BJ1A0399	RT31033	DESIGN OF MACHINE MEMBERS-I	14	15	0
13BJ1A0399	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	28	3
13BJ1A0399	RT31035	THERMAL ENGINEERING-II	19	24	3
13BJ1A0399	RT31036	METROLOGY	17	0	0
13BJ1A0399	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
13BJ1A0399	RT31038	MACHINE TOOLS LAB	21	49	2
13BJ1A03A1	RT31016	IPR & PATENTS	14	28	2
13BJ1A03A1	RT31031	DYNAMICS OF MACHINERY	14	31	3
13BJ1A03A1	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A03A1	RT31033	DESIGN OF MACHINE MEMBERS-I	14	12	0
13BJ1A03A1	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	26	3
13BJ1A03A1	RT31035	THERMAL ENGINEERING-II	17	10	0
13BJ1A03A1	RT31036	METROLOGY	14	26	3
13BJ1A03A1	RT31037	METROLOGY & INSTRUMENTATION LAB	21	40	2
13BJ1A03A1	RT31038	MACHINE TOOLS LAB	24	40	2
13BJ1A03A3	RT31016	IPR & PATENTS	20	47	2
13BJ1A03A3	RT31031	DYNAMICS OF MACHINERY	16	24	3
13BJ1A03A3	RT31032	METAL CUTTING & MACHINE TOOLS	20	42	3
13BJ1A03A3	RT31033	DESIGN OF MACHINE MEMBERS-I	14	7	0
13BJ1A03A3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	26	3
13BJ1A03A3	RT31035	THERMAL ENGINEERING-II	15	10	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03A3	RT31036	METROLOGY	19	12	0
13BJ1A03A3	RT31037	METROLOGY & INSTRUMENTATION LAB	23	35	2
13BJ1A03A3	RT31038	MACHINE TOOLS LAB	21	35	2
13BJ1A03A4	RT31016	IPR & PATENTS	14	40	2
13BJ1A03A4	RT31031	DYNAMICS OF MACHINERY	15	37	3
13BJ1A03A4	RT31032	METAL CUTTING & MACHINE TOOLS	17	35	3
13BJ1A03A4	RT31033	DESIGN OF MACHINE MEMBERS-I	14	41	3
13BJ1A03A4	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	33	3
13BJ1A03A4	RT31035	THERMAL ENGINEERING-II	16	10	0
13BJ1A03A4	RT31036	METROLOGY	18	28	3
13BJ1A03A4	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
13BJ1A03A4	RT31038	MACHINE TOOLS LAB	23	41	2
13BJ1A03A5	RT31016	IPR & PATENTS	17	32	2
13BJ1A03A5	RT31031	DYNAMICS OF MACHINERY	15	25	3
13BJ1A03A5	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
13BJ1A03A5	RT31033	DESIGN OF MACHINE MEMBERS-I	14	28	3
13BJ1A03A5	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	44	3
13BJ1A03A5	RT31035	THERMAL ENGINEERING-II	18	24	3
13BJ1A03A5	RT31036	METROLOGY	19	31	3
13BJ1A03A5	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
13BJ1A03A5	RT31038	MACHINE TOOLS LAB	21	46	2
13BJ1A03A6	RT31016	IPR & PATENTS	18	35	2
13BJ1A03A6	RT31031	DYNAMICS OF MACHINERY	14	30	3
13BJ1A03A6	RT31032	METAL CUTTING & MACHINE TOOLS	16	35	3
13BJ1A03A6	RT31033	DESIGN OF MACHINE MEMBERS-I	14	14	0
13BJ1A03A6	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	25	3
13BJ1A03A6	RT31035	THERMAL ENGINEERING-II	14	26	3
13BJ1A03A6	RT31036	METROLOGY	18	32	3
13BJ1A03A6	RT31037	METROLOGY & INSTRUMENTATION LAB	25	38	2
13BJ1A03A6	RT31038	MACHINE TOOLS LAB	22	38	2
13BJ1A03A7	RT31016	IPR & PATENTS	17	42	2
13BJ1A03A7	RT31031	DYNAMICS OF MACHINERY	14	3	0
13BJ1A03A7	RT31032	METAL CUTTING & MACHINE TOOLS	16	12	0
13BJ1A03A7	RT31033	DESIGN OF MACHINE MEMBERS-I	18	4	0
13BJ1A03A7	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	25	3
13BJ1A03A7	RT31035	THERMAL ENGINEERING-II	15	0	0
13BJ1A03A7	RT31036	METROLOGY	15	10	0
13BJ1A03A7	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
13BJ1A03A7	RT31038	MACHINE TOOLS LAB	19	44	2
13BJ1A03A8	RT31016	IPR & PATENTS	17	28	2
13BJ1A03A8	RT31031	DYNAMICS OF MACHINERY	14	8	0
13BJ1A03A8	RT31032	METAL CUTTING & MACHINE TOOLS	14	40	3
13BJ1A03A8	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A03A8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	24	3
13BJ1A03A8	RT31035	THERMAL ENGINEERING-II	16	11	0
13BJ1A03A8	RT31036	METROLOGY	18	16	0
13BJ1A03A8	RT31037	METROLOGY & INSTRUMENTATION LAB	25	37	2
13BJ1A03A8	RT31038	MACHINE TOOLS LAB	25	37	2
13BJ1A03A9	RT31016	IPR & PATENTS	15	-1	0
13BJ1A03A9	RT31031	DYNAMICS OF MACHINERY	14	12	0
13BJ1A03A9	RT31032	METAL CUTTING & MACHINE TOOLS	14	7	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03A9	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A03A9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	-1	0
13BJ1A03A9	RT31035	THERMAL ENGINEERING-II	14	8	0
13BJ1A03A9	RT31036	METROLOGY	14	0	0
13BJ1A03A9	RT31037	METROLOGY & INSTRUMENTATION LAB	17	40	2
13BJ1A03A9	RT31038	MACHINE TOOLS LAB	21	40	2
13BJ1A03B0	RT31016	IPR & PATENTS	19	34	2
13BJ1A03B0	RT31031	DYNAMICS OF MACHINERY	19	49	3
13BJ1A03B0	RT31032	METAL CUTTING & MACHINE TOOLS	20	38	3
13BJ1A03B0	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A03B0	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	43	3
13BJ1A03B0	RT31035	THERMAL ENGINEERING-II	23	37	3
13BJ1A03B0	RT31036	METROLOGY	25	31	3
13BJ1A03B0	RT31037	METROLOGY & INSTRUMENTATION LAB	25	42	2
13BJ1A03B0	RT31038	MACHINE TOOLS LAB	24	42	2
13BJ1A03B1	RT31016	IPR & PATENTS	16	49	2
13BJ1A03B1	RT31031	DYNAMICS OF MACHINERY	17	5	0
13BJ1A03B1	RT31032	METAL CUTTING & MACHINE TOOLS	10	15	0
13BJ1A03B1	RT31033	DESIGN OF MACHINE MEMBERS-I	14	4	0
13BJ1A03B1	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	29	3
13BJ1A03B1	RT31035	THERMAL ENGINEERING-II	17	5	0
13BJ1A03B1	RT31036	METROLOGY	15	7	0
13BJ1A03B1	RT31037	METROLOGY & INSTRUMENTATION LAB	20	34	2
13BJ1A03B1	RT31038	MACHINE TOOLS LAB	17	34	2
13BJ1A03B2	RT31016	IPR & PATENTS	18	31	2
13BJ1A03B2	RT31031	DYNAMICS OF MACHINERY	16	2	0
13BJ1A03B2	RT31032	METAL CUTTING & MACHINE TOOLS	14	27	3
13BJ1A03B2	RT31033	DESIGN OF MACHINE MEMBERS-I	14	31	3
13BJ1A03B2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	25	3
13BJ1A03B2	RT31035	THERMAL ENGINEERING-II	19	5	0
13BJ1A03B2	RT31036	METROLOGY	15	25	3
13BJ1A03B2	RT31037	METROLOGY & INSTRUMENTATION LAB	22	37	2
13BJ1A03B2	RT31038	MACHINE TOOLS LAB	18	37	2
13BJ1A03B3	RT31016	IPR & PATENTS	14	28	2
13BJ1A03B3	RT31031	DYNAMICS OF MACHINERY	17	0	0
13BJ1A03B3	RT31032	METAL CUTTING & MACHINE TOOLS	14	4	0
13BJ1A03B3	RT31033	DESIGN OF MACHINE MEMBERS-I	14	32	3
13BJ1A03B3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	2	0
13BJ1A03B3	RT31035	THERMAL ENGINEERING-II	17	33	3
13BJ1A03B3	RT31036	METROLOGY	14	3	0
13BJ1A03B3	RT31037	METROLOGY & INSTRUMENTATION LAB	22	-1	0
13BJ1A03B3	RT31038	MACHINE TOOLS LAB	21	40	2
13BJ1A03B4	RT31016	IPR & PATENTS	24	49	2
13BJ1A03B4	RT31031	DYNAMICS OF MACHINERY	20	40	3
13BJ1A03B4	RT31032	METAL CUTTING & MACHINE TOOLS	25	33	3
13BJ1A03B4	RT31033	DESIGN OF MACHINE MEMBERS-I	22	33	3
13BJ1A03B4	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	45	3
13BJ1A03B4	RT31035	THERMAL ENGINEERING-II	25	36	3
13BJ1A03B4	RT31036	METROLOGY	25	51	3
13BJ1A03B4	RT31037	METROLOGY & INSTRUMENTATION LAB	22	50	2
13BJ1A03B4	RT31038	MACHINE TOOLS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03B6	RT31016	IPR & PATENTS	14	45	2
13BJ1A03B6	RT31031	DYNAMICS OF MACHINERY	16	5	0
13BJ1A03B6	RT31032	METAL CUTTING & MACHINE TOOLS	14	8	0
13BJ1A03B6	RT31033	DESIGN OF MACHINE MEMBERS-I	14	8	0
13BJ1A03B6	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	15	0
13BJ1A03B6	RT31035	THERMAL ENGINEERING-II	14	4	0
13BJ1A03B6	RT31036	METROLOGY	16	13	0
13BJ1A03B6	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
13BJ1A03B6	RT31038	MACHINE TOOLS LAB	17	43	2
13BJ1A03B7	RT31016	IPR & PATENTS	16	24	2
13BJ1A03B7	RT31031	DYNAMICS OF MACHINERY	14	11	0
13BJ1A03B7	RT31032	METAL CUTTING & MACHINE TOOLS	20	31	3
13BJ1A03B7	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A03B7	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	30	3
13BJ1A03B7	RT31035	THERMAL ENGINEERING-II	14	13	0
13BJ1A03B7	RT31036	METROLOGY	15	25	3
13BJ1A03B7	RT31037	METROLOGY & INSTRUMENTATION LAB	21	37	2
13BJ1A03B7	RT31038	MACHINE TOOLS LAB	21	37	2
13BJ1A03B9	RT31016	IPR & PATENTS	12	35	2
13BJ1A03B9	RT31031	DYNAMICS OF MACHINERY	14	11	0
13BJ1A03B9	RT31032	METAL CUTTING & MACHINE TOOLS	14	5	0
13BJ1A03B9	RT31033	DESIGN OF MACHINE MEMBERS-I	13	6	0
13BJ1A03B9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	14	0
13BJ1A03B9	RT31035	THERMAL ENGINEERING-II	16	10	0
13BJ1A03B9	RT31036	METROLOGY	15	0	0
13BJ1A03B9	RT31037	METROLOGY & INSTRUMENTATION LAB	19	33	2
13BJ1A03B9	RT31038	MACHINE TOOLS LAB	19	30	2
13BJ1A03C0	RT31016	IPR & PATENTS	14	26	2
13BJ1A03C0	RT31031	DYNAMICS OF MACHINERY	19	26	3
13BJ1A03C0	RT31032	METAL CUTTING & MACHINE TOOLS	14	10	0
13BJ1A03C0	RT31033	DESIGN OF MACHINE MEMBERS-I	15	10	0
13BJ1A03C0	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	20	0
13BJ1A03C0	RT31035	THERMAL ENGINEERING-II	17	24	3
13BJ1A03C0	RT31036	METROLOGY	14	19	0
13BJ1A03C0	RT31037	METROLOGY & INSTRUMENTATION LAB	22	38	2
13BJ1A03C0	RT31038	MACHINE TOOLS LAB	18	38	2
13BJ1A03C1	RT31016	IPR & PATENTS	14	34	2
13BJ1A03C1	RT31031	DYNAMICS OF MACHINERY	16	28	3
13BJ1A03C1	RT31032	METAL CUTTING & MACHINE TOOLS	14	49	3
13BJ1A03C1	RT31033	DESIGN OF MACHINE MEMBERS-I	13	27	3
13BJ1A03C1	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	30	3
13BJ1A03C1	RT31035	THERMAL ENGINEERING-II	19	5	0
13BJ1A03C1	RT31036	METROLOGY	16	31	3
13BJ1A03C1	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
13BJ1A03C1	RT31038	MACHINE TOOLS LAB	21	46	2
13BJ1A03C2	RT31016	IPR & PATENTS	18	39	2
13BJ1A03C2	RT31031	DYNAMICS OF MACHINERY	20	24	3
13BJ1A03C2	RT31032	METAL CUTTING & MACHINE TOOLS	19	35	3
13BJ1A03C2	RT31033	DESIGN OF MACHINE MEMBERS-I	15	45	3
13BJ1A03C2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
13BJ1A03C2	RT31035	THERMAL ENGINEERING-II	21	14	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03C2	RT31036	METROLOGY	19	32	3
13BJ1A03C2	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
13BJ1A03C2	RT31038	MACHINE TOOLS LAB	21	43	2
13BJ1A03C3	RT31016	IPR & PATENTS	19	37	2
13BJ1A03C3	RT31031	DYNAMICS OF MACHINERY	17	11	0
13BJ1A03C3	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13BJ1A03C3	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13BJ1A03C3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	43	3
13BJ1A03C3	RT31035	THERMAL ENGINEERING-II	17	24	3
13BJ1A03C3	RT31036	METROLOGY	19	14	0
13BJ1A03C3	RT31037	METROLOGY & INSTRUMENTATION LAB	19	42	2
13BJ1A03C3	RT31038	MACHINE TOOLS LAB	23	42	2
13BJ1A03C5	RT31016	IPR & PATENTS	16	30	2
13BJ1A03C5	RT31031	DYNAMICS OF MACHINERY	16	13	0
13BJ1A03C5	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A03C5	RT31033	DESIGN OF MACHINE MEMBERS-I	14	12	0
13BJ1A03C5	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	30	3
13BJ1A03C5	RT31035	THERMAL ENGINEERING-II	15	25	3
13BJ1A03C5	RT31036	METROLOGY	17	26	3
13BJ1A03C5	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
13BJ1A03C5	RT31038	MACHINE TOOLS LAB	21	43	2
13BJ1A03C6	RT31016	IPR & PATENTS	13	43	2
13BJ1A03C6	RT31031	DYNAMICS OF MACHINERY	15	1	0
13BJ1A03C6	RT31032	METAL CUTTING & MACHINE TOOLS	14	9	0
13BJ1A03C6	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A03C6	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	14	0
13BJ1A03C6	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A03C6	RT31036	METROLOGY	14	12	0
13BJ1A03C6	RT31037	METROLOGY & INSTRUMENTATION LAB	24	40	2
13BJ1A03C6	RT31038	MACHINE TOOLS LAB	16	40	2
13BJ1A03C7	RT31016	IPR & PATENTS	14	37	2
13BJ1A03C7	RT31031	DYNAMICS OF MACHINERY	16	8	0
13BJ1A03C7	RT31032	METAL CUTTING & MACHINE TOOLS	14	37	3
13BJ1A03C7	RT31033	DESIGN OF MACHINE MEMBERS-I	15	31	3
13BJ1A03C7	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	24	3
13BJ1A03C7	RT31035	THERMAL ENGINEERING-II	15	4	0
13BJ1A03C7	RT31036	METROLOGY	19	18	0
13BJ1A03C7	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
13BJ1A03C7	RT31038	MACHINE TOOLS LAB	21	43	2
13BJ1A03C8	RT31016	IPR & PATENTS	20	34	2
13BJ1A03C8	RT31031	DYNAMICS OF MACHINERY	18	10	0
13BJ1A03C8	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
13BJ1A03C8	RT31033	DESIGN OF MACHINE MEMBERS-I	15	26	3
13BJ1A03C8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	28	3
13BJ1A03C8	RT31035	THERMAL ENGINEERING-II	18	25	3
13BJ1A03C8	RT31036	METROLOGY	19	3	0
13BJ1A03C8	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
13BJ1A03C8	RT31038	MACHINE TOOLS LAB	18	41	2
13BJ1A03C9	RT31016	IPR & PATENTS	15	38	2
13BJ1A03C9	RT31031	DYNAMICS OF MACHINERY	16	36	3
13BJ1A03C9	RT31032	METAL CUTTING & MACHINE TOOLS	14	29	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03C9	RT31033	DESIGN OF MACHINE MEMBERS-I	15	35	3
13BJ1A03C9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	44	3
13BJ1A03C9	RT31035	THERMAL ENGINEERING-II	16	33	3
13BJ1A03C9	RT31036	METROLOGY	20	37	3
13BJ1A03C9	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
13BJ1A03C9	RT31038	MACHINE TOOLS LAB	23	45	2
13BJ1A03D4	RT31016	IPR & PATENTS	14	38	2
13BJ1A03D4	RT31031	DYNAMICS OF MACHINERY	15	3	0
13BJ1A03D4	RT31032	METAL CUTTING & MACHINE TOOLS	14	9	0
13BJ1A03D4	RT31033	DESIGN OF MACHINE MEMBERS-I	14	13	0
13BJ1A03D4	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	16	0
13BJ1A03D4	RT31035	THERMAL ENGINEERING-II	15	0	0
13BJ1A03D4	RT31036	METROLOGY	14	2	0
13BJ1A03D4	RT31037	METROLOGY & INSTRUMENTATION LAB	23	38	2
13BJ1A03D4	RT31038	MACHINE TOOLS LAB	21	38	2
13BJ1A03D5	RT31016	IPR & PATENTS	12	36	2
13BJ1A03D5	RT31031	DYNAMICS OF MACHINERY	15	25	3
13BJ1A03D5	RT31032	METAL CUTTING & MACHINE TOOLS	14	42	3
13BJ1A03D5	RT31033	DESIGN OF MACHINE MEMBERS-I	14	31	3
13BJ1A03D5	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	30	3
13BJ1A03D5	RT31035	THERMAL ENGINEERING-II	14	34	3
13BJ1A03D5	RT31036	METROLOGY	13	30	3
13BJ1A03D5	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13BJ1A03D5	RT31038	MACHINE TOOLS LAB	19	41	2
13BJ1A03D6	RT31016	IPR & PATENTS	15	33	2
13BJ1A03D6	RT31031	DYNAMICS OF MACHINERY	14	1	0
13BJ1A03D6	RT31032	METAL CUTTING & MACHINE TOOLS	14	7	0
13BJ1A03D6	RT31033	DESIGN OF MACHINE MEMBERS-I	14	9	0
13BJ1A03D6	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	9	0
13BJ1A03D6	RT31035	THERMAL ENGINEERING-II	5	8	0
13BJ1A03D6	RT31036	METROLOGY	14	12	0
13BJ1A03D6	RT31037	METROLOGY & INSTRUMENTATION LAB	19	44	2
13BJ1A03D6	RT31038	MACHINE TOOLS LAB	20	44	2
13BJ1A03D7	RT31016	IPR & PATENTS	20	57	2
13BJ1A03D7	RT31031	DYNAMICS OF MACHINERY	17	32	3
13BJ1A03D7	RT31032	METAL CUTTING & MACHINE TOOLS	17	46	3
13BJ1A03D7	RT31033	DESIGN OF MACHINE MEMBERS-I	14	14	0
13BJ1A03D7	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	36	3
13BJ1A03D7	RT31035	THERMAL ENGINEERING-II	21	27	3
13BJ1A03D7	RT31036	METROLOGY	21	47	3
13BJ1A03D7	RT31037	METROLOGY & INSTRUMENTATION LAB	25	40	2
13BJ1A03D7	RT31038	MACHINE TOOLS LAB	19	40	2
13BJ1A03D8	RT31016	IPR & PATENTS	14	33	2
13BJ1A03D8	RT31031	DYNAMICS OF MACHINERY	5	3	0
13BJ1A03D8	RT31032	METAL CUTTING & MACHINE TOOLS	15	40	3
13BJ1A03D8	RT31033	DESIGN OF MACHINE MEMBERS-I	15	2	0
13BJ1A03D8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	5	0
13BJ1A03D8	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A03D8	RT31036	METROLOGY	8	0	0
13BJ1A03D8	RT31037	METROLOGY & INSTRUMENTATION LAB	18	36	2
13BJ1A03D8	RT31038	MACHINE TOOLS LAB	17	35	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03D9	RT31016	IPR & PATENTS	14	34	2
13BJ1A03D9	RT31031	DYNAMICS OF MACHINERY	12	7	0
13BJ1A03D9	RT31032	METAL CUTTING & MACHINE TOOLS	17	34	3
13BJ1A03D9	RT31033	DESIGN OF MACHINE MEMBERS-I	14	31	3
13BJ1A03D9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	25	3
13BJ1A03D9	RT31035	THERMAL ENGINEERING-II	14	16	0
13BJ1A03D9	RT31036	METROLOGY	14	26	3
13BJ1A03D9	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
13BJ1A03D9	RT31038	MACHINE TOOLS LAB	18	44	2
13BJ1A03E3	RT31016	IPR & PATENTS	16	29	2
13BJ1A03E3	RT31031	DYNAMICS OF MACHINERY	15	10	0
13BJ1A03E3	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13BJ1A03E3	RT31033	DESIGN OF MACHINE MEMBERS-I	15	18	0
13BJ1A03E3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	24	3
13BJ1A03E3	RT31035	THERMAL ENGINEERING-II	17	13	0
13BJ1A03E3	RT31036	METROLOGY	18	0	0
13BJ1A03E3	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13BJ1A03E3	RT31038	MACHINE TOOLS LAB	21	48	2
13BJ1A03E4	RT31016	IPR & PATENTS	19	45	2
13BJ1A03E4	RT31031	DYNAMICS OF MACHINERY	17	24	3
13BJ1A03E4	RT31032	METAL CUTTING & MACHINE TOOLS	19	28	3
13BJ1A03E4	RT31033	DESIGN OF MACHINE MEMBERS-I	14	27	3
13BJ1A03E4	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	34	3
13BJ1A03E4	RT31035	THERMAL ENGINEERING-II	18	32	3
13BJ1A03E4	RT31036	METROLOGY	14	29	3
13BJ1A03E4	RT31037	METROLOGY & INSTRUMENTATION LAB	22	39	2
13BJ1A03E4	RT31038	MACHINE TOOLS LAB	24	39	2
13BJ1A03E6	RT31016	IPR & PATENTS	14	29	2
13BJ1A03E6	RT31031	DYNAMICS OF MACHINERY	18	14	0
13BJ1A03E6	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13BJ1A03E6	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
13BJ1A03E6	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	24	3
13BJ1A03E6	RT31035	THERMAL ENGINEERING-II	19	7	0
13BJ1A03E6	RT31036	METROLOGY	18	10	0
13BJ1A03E6	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A03E6	RT31038	MACHINE TOOLS LAB	24	44	2
13BJ1A03E7	RT31016	IPR & PATENTS	22	29	2
13BJ1A03E7	RT31031	DYNAMICS OF MACHINERY	22	24	3
13BJ1A03E7	RT31032	METAL CUTTING & MACHINE TOOLS	17	46	3
13BJ1A03E7	RT31033	DESIGN OF MACHINE MEMBERS-I	16	38	3
13BJ1A03E7	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
13BJ1A03E7	RT31035	THERMAL ENGINEERING-II	18	10	0
13BJ1A03E7	RT31036	METROLOGY	19	11	0
13BJ1A03E7	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13BJ1A03E7	RT31038	MACHINE TOOLS LAB	21	47	2
13BJ1A03E8	RT31016	IPR & PATENTS	15	39	2
13BJ1A03E8	RT31031	DYNAMICS OF MACHINERY	14	3	0
13BJ1A03E8	RT31032	METAL CUTTING & MACHINE TOOLS	14	8	0
13BJ1A03E8	RT31033	DESIGN OF MACHINE MEMBERS-I	14	8	0
13BJ1A03E8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	32	3
13BJ1A03E8	RT31035	THERMAL ENGINEERING-II	15	3	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A03E8	RT31036	METROLOGY	14	0	0
13BJ1A03E8	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13BJ1A03E8	RT31038	MACHINE TOOLS LAB	16	45	2
13BJ1A03F0	RT31016	IPR & PATENTS	13	27	2
13BJ1A03F0	RT31031	DYNAMICS OF MACHINERY	16	29	3
13BJ1A03F0	RT31032	METAL CUTTING & MACHINE TOOLS	14	15	0
13BJ1A03F0	RT31033	DESIGN OF MACHINE MEMBERS-I	15	13	0
13BJ1A03F0	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	28	3
13BJ1A03F0	RT31035	THERMAL ENGINEERING-II	15	25	3
13BJ1A03F0	RT31036	METROLOGY	15	15	0
13BJ1A03F0	RT31037	METROLOGY & INSTRUMENTATION LAB	23	40	2
13BJ1A03F0	RT31038	MACHINE TOOLS LAB	18	40	2
13BJ1A03F1	RT31016	IPR & PATENTS	5	2	0
13BJ1A03F1	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A03F1	RT31032	METAL CUTTING & MACHINE TOOLS	14	15	0
13BJ1A03F1	RT31033	DESIGN OF MACHINE MEMBERS-I	14	6	0
13BJ1A03F1	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	16	0
13BJ1A03F1	RT31035	THERMAL ENGINEERING-II	5	0	0
13BJ1A03F1	RT31036	METROLOGY	10	2	0
13BJ1A03F1	RT31037	METROLOGY & INSTRUMENTATION LAB	23	32	2
13BJ1A03F1	RT31038	MACHINE TOOLS LAB	19	37	2
13BJ1A03F2	RT31016	IPR & PATENTS	11	31	2
13BJ1A03F2	RT31031	DYNAMICS OF MACHINERY	17	3	0
13BJ1A03F2	RT31032	METAL CUTTING & MACHINE TOOLS	14	13	0
13BJ1A03F2	RT31033	DESIGN OF MACHINE MEMBERS-I	14	16	0
13BJ1A03F2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	16	0
13BJ1A03F2	RT31035	THERMAL ENGINEERING-II	14	7	0
13BJ1A03F2	RT31036	METROLOGY	14	2	0
13BJ1A03F2	RT31037	METROLOGY & INSTRUMENTATION LAB	25	41	2
13BJ1A03F2	RT31038	MACHINE TOOLS LAB	21	41	2
13BJ1A03F3	RT31016	IPR & PATENTS	17	37	2
13BJ1A03F3	RT31031	DYNAMICS OF MACHINERY	15	13	0
13BJ1A03F3	RT31032	METAL CUTTING & MACHINE TOOLS	17	11	0
13BJ1A03F3	RT31033	DESIGN OF MACHINE MEMBERS-I	15	10	0
13BJ1A03F3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	32	3
13BJ1A03F3	RT31035	THERMAL ENGINEERING-II	15	7	0
13BJ1A03F3	RT31036	METROLOGY	18	0	0
13BJ1A03F3	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
13BJ1A03F3	RT31038	MACHINE TOOLS LAB	24	44	2
13BJ1A03F5	RT31016	IPR & PATENTS	18	27	2
13BJ1A03F5	RT31031	DYNAMICS OF MACHINERY	14	7	0
13BJ1A03F5	RT31032	METAL CUTTING & MACHINE TOOLS	14	26	3
13BJ1A03F5	RT31033	DESIGN OF MACHINE MEMBERS-I	15	14	0
13BJ1A03F5	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	17	0
13BJ1A03F5	RT31035	THERMAL ENGINEERING-II	15	6	0
13BJ1A03F5	RT31036	METROLOGY	14	6	0
13BJ1A03F5	RT31037	METROLOGY & INSTRUMENTATION LAB	18	38	2
13BJ1A03F5	RT31038	MACHINE TOOLS LAB	21	30	2
13BJ1A0401	RT31016	IPR & PATENTS	26	35	2
13BJ1A0401	RT31041	PULSE & DIGITAL CIRCUITS	27	31	3
13BJ1A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	48	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0401	RT31043	CONTROL SYSTEMS	23	35	3
13BJ1A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	31	3
13BJ1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	22	28	3
13BJ1A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
13BJ1A0401	RT31048	LICA LAB	24	48	2
13BJ1A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0402	RT31016	IPR & PATENTS	25	35	2
13BJ1A0402	RT31041	PULSE & DIGITAL CIRCUITS	20	14	0
13BJ1A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	31	3
13BJ1A0402	RT31043	CONTROL SYSTEMS	22	26	3
13BJ1A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	35	3
13BJ1A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	19	8	0
13BJ1A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A0402	RT31048	LICA LAB	23	46	2
13BJ1A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0403	RT31016	IPR & PATENTS	23	39	2
13BJ1A0403	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
13BJ1A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	32	3
13BJ1A0403	RT31043	CONTROL SYSTEMS	24	24	3
13BJ1A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	32	3
13BJ1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	22	15	0
13BJ1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
13BJ1A0403	RT31048	LICA LAB	24	48	2
13BJ1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0404	RT31016	IPR & PATENTS	25	34	2
13BJ1A0404	RT31041	PULSE & DIGITAL CIRCUITS	24	41	3
13BJ1A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	39	3
13BJ1A0404	RT31043	CONTROL SYSTEMS	24	38	3
13BJ1A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	57	3
13BJ1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	23	29	3
13BJ1A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
13BJ1A0404	RT31048	LICA LAB	24	48	2
13BJ1A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0405	RT31016	IPR & PATENTS	27	43	2
13BJ1A0405	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
13BJ1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	38	3
13BJ1A0405	RT31043	CONTROL SYSTEMS	24	40	3
13BJ1A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	28	3
13BJ1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	23	16	0
13BJ1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13BJ1A0405	RT31048	LICA LAB	25	47	2
13BJ1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	46	2
13BJ1A0406	RT31016	IPR & PATENTS	25	47	2
13BJ1A0406	RT31041	PULSE & DIGITAL CIRCUITS	27	40	3
13BJ1A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	54	3
13BJ1A0406	RT31043	CONTROL SYSTEMS	25	51	3
13BJ1A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	43	3
13BJ1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	24	35	3
13BJ1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	50	2
13BJ1A0406	RT31048	LICA LAB	25	50	2
13BJ1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0409	RT31016	IPR & PATENTS	26	56	2
13BJ1A0409	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
13BJ1A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	42	3
13BJ1A0409	RT31043	CONTROL SYSTEMS	22	29	3
13BJ1A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	39	3
13BJ1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	24	26	3
13BJ1A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
13BJ1A0409	RT31048	LICA LAB	24	46	2
13BJ1A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13BJ1A0410	RT31016	IPR & PATENTS	23	31	2
13BJ1A0410	RT31041	PULSE & DIGITAL CIRCUITS	22	41	3
13BJ1A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	45	3
13BJ1A0410	RT31043	CONTROL SYSTEMS	21	38	3
13BJ1A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	46	3
13BJ1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	24	38	3
13BJ1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A0410	RT31048	LICA LAB	21	45	2
13BJ1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13BJ1A0411	RT31016	IPR & PATENTS	24	43	2
13BJ1A0411	RT31041	PULSE & DIGITAL CIRCUITS	21	24	3
13BJ1A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	35	3
13BJ1A0411	RT31043	CONTROL SYSTEMS	23	35	3
13BJ1A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	28	3
13BJ1A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	21	32	3
13BJ1A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
13BJ1A0411	RT31048	LICA LAB	22	46	2
13BJ1A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0412	RT31016	IPR & PATENTS	25	34	2
13BJ1A0412	RT31041	PULSE & DIGITAL CIRCUITS	26	30	3
13BJ1A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	40	3
13BJ1A0412	RT31043	CONTROL SYSTEMS	22	41	3
13BJ1A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	34	3
13BJ1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	21	35	3
13BJ1A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	48	2
13BJ1A0412	RT31048	LICA LAB	23	48	2
13BJ1A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0413	RT31016	IPR & PATENTS	24	39	2
13BJ1A0413	RT31041	PULSE & DIGITAL CIRCUITS	21	26	3
13BJ1A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	30	3
13BJ1A0413	RT31043	CONTROL SYSTEMS	25	26	3
13BJ1A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	37	3
13BJ1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	20	24	3
13BJ1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	48	2
13BJ1A0413	RT31048	LICA LAB	24	48	2
13BJ1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A0414	RT31016	IPR & PATENTS	24	30	2
13BJ1A0414	RT31041	PULSE & DIGITAL CIRCUITS	22	32	3
13BJ1A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	52	3
13BJ1A0414	RT31043	CONTROL SYSTEMS	25	37	3
13BJ1A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	42	3
13BJ1A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	21	33	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13BJ1A0414	RT31048	LICA LAB	24	47	2
13BJ1A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A0415	RT31016	IPR & PATENTS	23	24	2
13BJ1A0415	RT31041	PULSE & DIGITAL CIRCUITS	7	13	0
13BJ1A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	27	3
13BJ1A0415	RT31043	CONTROL SYSTEMS	22	24	3
13BJ1A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	4	0
13BJ1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	22	5	0
13BJ1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
13BJ1A0415	RT31048	LICA LAB	22	45	2
13BJ1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0416	RT31016	IPR & PATENTS	21	27	2
13BJ1A0416	RT31041	PULSE & DIGITAL CIRCUITS	19	14	0
13BJ1A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	18	0
13BJ1A0416	RT31043	CONTROL SYSTEMS	20	11	0
13BJ1A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	9	0
13BJ1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	18	3	0
13BJ1A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A0416	RT31048	LICA LAB	18	40	2
13BJ1A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	40	2
13BJ1A0417	RT31016	IPR & PATENTS	22	42	2
13BJ1A0417	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
13BJ1A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	25	3
13BJ1A0417	RT31043	CONTROL SYSTEMS	21	16	0
13BJ1A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	31	3
13BJ1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
13BJ1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
13BJ1A0417	RT31048	LICA LAB	22	45	2
13BJ1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0418	RT31016	IPR & PATENTS	23	34	2
13BJ1A0418	RT31041	PULSE & DIGITAL CIRCUITS	23	15	0
13BJ1A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	39	3
13BJ1A0418	RT31043	CONTROL SYSTEMS	23	39	3
13BJ1A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	41	3
13BJ1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	22	29	3
13BJ1A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	46	2
13BJ1A0418	RT31048	LICA LAB	22	45	2
13BJ1A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0420	RT31016	IPR & PATENTS	25	32	2
13BJ1A0420	RT31041	PULSE & DIGITAL CIRCUITS	25	42	3
13BJ1A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	43	3
13BJ1A0420	RT31043	CONTROL SYSTEMS	24	38	3
13BJ1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	27	3
13BJ1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	22	12	0
13BJ1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	48	2
13BJ1A0420	RT31048	LICA LAB	23	47	2
13BJ1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0421	RT31016	IPR & PATENTS	22	40	2
13BJ1A0421	RT31041	PULSE & DIGITAL CIRCUITS	25	34	3
13BJ1A0421	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	35	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0421	RT31043	CONTROL SYSTEMS	23	37	3
13BJ1A0421	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	41	3
13BJ1A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	24	13	0
13BJ1A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
13BJ1A0421	RT31048	LICA LAB	24	44	2
13BJ1A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0422	RT31016	IPR & PATENTS	22	52	2
13BJ1A0422	RT31041	PULSE & DIGITAL CIRCUITS	25	24	3
13BJ1A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	28	3
13BJ1A0422	RT31043	CONTROL SYSTEMS	22	25	3
13BJ1A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	24	3
13BJ1A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	20	24	3
13BJ1A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	45	2
13BJ1A0422	RT31048	LICA LAB	23	43	2
13BJ1A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13BJ1A0423	RT31016	IPR & PATENTS	22	32	2
13BJ1A0423	RT31041	PULSE & DIGITAL CIRCUITS	23	8	0
13BJ1A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	7	0
13BJ1A0423	RT31043	CONTROL SYSTEMS	20	10	0
13BJ1A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	27	3
13BJ1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	17	24	3
13BJ1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	42	2
13BJ1A0423	RT31048	LICA LAB	21	44	2
13BJ1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13BJ1A0424	RT31016	IPR & PATENTS	21	30	2
13BJ1A0424	RT31041	PULSE & DIGITAL CIRCUITS	20	0	0
13BJ1A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	10	0
13BJ1A0424	RT31043	CONTROL SYSTEMS	17	12	0
13BJ1A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	7	0
13BJ1A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	18	0	0
13BJ1A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
13BJ1A0424	RT31048	LICA LAB	22	45	2
13BJ1A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0425	RT31016	IPR & PATENTS	17	27	2
13BJ1A0425	RT31041	PULSE & DIGITAL CIRCUITS	21	4	0
13BJ1A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	20	0
13BJ1A0425	RT31043	CONTROL SYSTEMS	18	7	0
13BJ1A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	4	0
13BJ1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	18	2	0
13BJ1A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A0425	RT31048	LICA LAB	21	42	2
13BJ1A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	40	2
13BJ1A0426	RT31016	IPR & PATENTS	18	30	2
13BJ1A0426	RT31041	PULSE & DIGITAL CIRCUITS	19	24	3
13BJ1A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	15	0
13BJ1A0426	RT31043	CONTROL SYSTEMS	16	16	0
13BJ1A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	25	3
13BJ1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	18	15	0
13BJ1A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	45	2
13BJ1A0426	RT31048	LICA LAB	22	44	2
13BJ1A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0427	RT31016	IPR & PATENTS	24	31	2
13BJ1A0427	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A0427	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	0	0
13BJ1A0427	RT31043	CONTROL SYSTEMS	16	7	0
13BJ1A0427	RT31044	DIGITAL SYSTEM DESIGN & DICA	13	3	0
13BJ1A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	15	3	0
13BJ1A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	5	0
13BJ1A0427	RT31048	LICA LAB	21	40	2
13BJ1A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	40	2
13BJ1A0428	RT31016	IPR & PATENTS	26	24	2
13BJ1A0428	RT31041	PULSE & DIGITAL CIRCUITS	21	4	0
13BJ1A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	24	3
13BJ1A0428	RT31043	CONTROL SYSTEMS	19	25	3
13BJ1A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	24	3
13BJ1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	22	11	0
13BJ1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
13BJ1A0428	RT31048	LICA LAB	23	44	2
13BJ1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
13BJ1A0429	RT31016	IPR & PATENTS	25	40	2
13BJ1A0429	RT31041	PULSE & DIGITAL CIRCUITS	27	33	3
13BJ1A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	28	3
13BJ1A0429	RT31043	CONTROL SYSTEMS	24	32	3
13BJ1A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	36	3
13BJ1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	23	13	0
13BJ1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	47	2
13BJ1A0429	RT31048	LICA LAB	24	48	2
13BJ1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
13BJ1A0430	RT31016	IPR & PATENTS	24	39	2
13BJ1A0430	RT31041	PULSE & DIGITAL CIRCUITS	24	28	3
13BJ1A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	34	3
13BJ1A0430	RT31043	CONTROL SYSTEMS	24	26	3
13BJ1A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	24	3
13BJ1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	20	25	3
13BJ1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
13BJ1A0430	RT31048	LICA LAB	23	47	2
13BJ1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
13BJ1A0431	RT31016	IPR & PATENTS	24	37	2
13BJ1A0431	RT31041	PULSE & DIGITAL CIRCUITS	23	34	3
13BJ1A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	31	3
13BJ1A0431	RT31043	CONTROL SYSTEMS	22	31	3
13BJ1A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	38	3
13BJ1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	20	32	3
13BJ1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
13BJ1A0431	RT31048	LICA LAB	21	43	2
13BJ1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13BJ1A0432	RT31016	IPR & PATENTS	24	27	2
13BJ1A0432	RT31041	PULSE & DIGITAL CIRCUITS	22	12	0
13BJ1A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	24	3
13BJ1A0432	RT31043	CONTROL SYSTEMS	20	31	3
13BJ1A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	24	3
13BJ1A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	20	11	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
13BJ1A0432	RT31048	LICA LAB	24	45	2
13BJ1A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
13BJ1A0433	RT31016	IPR & PATENTS	20	27	2
13BJ1A0433	RT31041	PULSE & DIGITAL CIRCUITS	15	0	0
13BJ1A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	4	0
13BJ1A0433	RT31043	CONTROL SYSTEMS	14	0	0
13BJ1A0433	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	4	0
13BJ1A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	16	0	0
13BJ1A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	42	2
13BJ1A0433	RT31048	LICA LAB	17	40	2
13BJ1A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0434	RT31016	IPR & PATENTS	23	34	2
13BJ1A0434	RT31041	PULSE & DIGITAL CIRCUITS	22	13	0
13BJ1A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	0	0
13BJ1A0434	RT31043	CONTROL SYSTEMS	20	11	0
13BJ1A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	7	0
13BJ1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	18	13	0
13BJ1A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A0434	RT31048	LICA LAB	20	42	2
13BJ1A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0435	RT31016	IPR & PATENTS	17	31	2
13BJ1A0435	RT31041	PULSE & DIGITAL CIRCUITS	0	0	0
13BJ1A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	0	0
13BJ1A0435	RT31043	CONTROL SYSTEMS	17	28	3
13BJ1A0435	RT31044	DIGITAL SYSTEM DESIGN & DICA	12	0	0
13BJ1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	16	3	0
13BJ1A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	40	2
13BJ1A0435	RT31048	LICA LAB	14	40	2
13BJ1A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
13BJ1A0436	RT31016	IPR & PATENTS	25	33	2
13BJ1A0436	RT31041	PULSE & DIGITAL CIRCUITS	22	1	0
13BJ1A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	4	0
13BJ1A0436	RT31043	CONTROL SYSTEMS	17	14	0
13BJ1A0436	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	0	0
13BJ1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	21	0	0
13BJ1A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A0436	RT31048	LICA LAB	17	40	2
13BJ1A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0437	RT31016	IPR & PATENTS	22	32	2
13BJ1A0437	RT31041	PULSE & DIGITAL CIRCUITS	21	2	0
13BJ1A0437	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	6	0
13BJ1A0437	RT31043	CONTROL SYSTEMS	19	4	0
13BJ1A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	12	0
13BJ1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	19	2	0
13BJ1A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A0437	RT31048	LICA LAB	21	42	2
13BJ1A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13BJ1A0438	RT31016	IPR & PATENTS	21	47	2
13BJ1A0438	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A0438	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	0	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0438	RT31043	CONTROL SYSTEMS	16	4	0
13BJ1A0438	RT31044	DIGITAL SYSTEM DESIGN & DICA	13	4	0
13BJ1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	15	9	0
13BJ1A0438	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	5	0
13BJ1A0438	RT31048	LICA LAB	14	40	2
13BJ1A0438	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	15	40	2
13BJ1A0439	RT31016	IPR & PATENTS	28	37	2
13BJ1A0439	RT31041	PULSE & DIGITAL CIRCUITS	24	3	0
13BJ1A0439	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	2	0
13BJ1A0439	RT31043	CONTROL SYSTEMS	22	16	0
13BJ1A0439	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	43	3
13BJ1A0439	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
13BJ1A0439	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
13BJ1A0439	RT31048	LICA LAB	24	47	2
13BJ1A0439	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0440	RT31016	IPR & PATENTS	25	24	2
13BJ1A0440	RT31041	PULSE & DIGITAL CIRCUITS	24	10	0
13BJ1A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	30	3
13BJ1A0440	RT31043	CONTROL SYSTEMS	20	24	3
13BJ1A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	24	3
13BJ1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	21	8	0
13BJ1A0440	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	42	2
13BJ1A0440	RT31048	LICA LAB	19	40	2
13BJ1A0440	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	40	2
13BJ1A0442	RT31016	IPR & PATENTS	24	36	2
13BJ1A0442	RT31041	PULSE & DIGITAL CIRCUITS	8	11	0
13BJ1A0442	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	7	0
13BJ1A0442	RT31043	CONTROL SYSTEMS	20	10	0
13BJ1A0442	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	30	3
13BJ1A0442	RT31045	ANTENNAS AND WAVE PROPAGATION	14	6	0
13BJ1A0442	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	-1	0
13BJ1A0442	RT31048	LICA LAB	14	-1	0
13BJ1A0442	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	-1	0
13BJ1A0443	RT31016	IPR & PATENTS	24	30	2
13BJ1A0443	RT31041	PULSE & DIGITAL CIRCUITS	14	26	3
13BJ1A0443	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	0	0
13BJ1A0443	RT31043	CONTROL SYSTEMS	21	11	0
13BJ1A0443	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	11	0
13BJ1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	23	6	0
13BJ1A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	41	2
13BJ1A0443	RT31048	LICA LAB	20	42	2
13BJ1A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	43	2
13BJ1A0445	RT31016	IPR & PATENTS	23	34	2
13BJ1A0445	RT31041	PULSE & DIGITAL CIRCUITS	17	0	0
13BJ1A0445	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	9	0
13BJ1A0445	RT31043	CONTROL SYSTEMS	17	29	3
13BJ1A0445	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	34	3
13BJ1A0445	RT31045	ANTENNAS AND WAVE PROPAGATION	15	25	3
13BJ1A0445	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A0445	RT31048	LICA LAB	17	42	2
13BJ1A0445	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	42	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0446	RT31016	IPR & PATENTS	22	28	2
13BJ1A0446	RT31041	PULSE & DIGITAL CIRCUITS	21	2	0
13BJ1A0446	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	1	0
13BJ1A0446	RT31043	CONTROL SYSTEMS	19	24	3
13BJ1A0446	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	10	0
13BJ1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	18	4	0
13BJ1A0446	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	43	2
13BJ1A0446	RT31048	LICA LAB	18	42	2
13BJ1A0446	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	42	2
13BJ1A0447	RT31016	IPR & PATENTS	19	17	0
13BJ1A0447	RT31041	PULSE & DIGITAL CIRCUITS	15	3	0
13BJ1A0447	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	1	0
13BJ1A0447	RT31043	CONTROL SYSTEMS	19	1	0
13BJ1A0447	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	1	0
13BJ1A0447	RT31045	ANTENNAS AND WAVE PROPAGATION	13	0	0
13BJ1A0447	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A0447	RT31048	LICA LAB	17	40	2
13BJ1A0447	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0448	RT31016	IPR & PATENTS	23	41	2
13BJ1A0448	RT31041	PULSE & DIGITAL CIRCUITS	18	24	3
13BJ1A0448	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	24	3
13BJ1A0448	RT31043	CONTROL SYSTEMS	21	24	3
13BJ1A0448	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	24	3
13BJ1A0448	RT31045	ANTENNAS AND WAVE PROPAGATION	18	10	0
13BJ1A0448	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
13BJ1A0448	RT31048	LICA LAB	23	43	2
13BJ1A0448	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13BJ1A0449	RT31016	IPR & PATENTS	21	34	2
13BJ1A0449	RT31041	PULSE & DIGITAL CIRCUITS	18	11	0
13BJ1A0449	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	24	3
13BJ1A0449	RT31043	CONTROL SYSTEMS	17	29	3
13BJ1A0449	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	31	3
13BJ1A0449	RT31045	ANTENNAS AND WAVE PROPAGATION	15	13	0
13BJ1A0449	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A0449	RT31048	LICA LAB	17	40	2
13BJ1A0449	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0450	RT31016	IPR & PATENTS	24	28	2
13BJ1A0450	RT31041	PULSE & DIGITAL CIRCUITS	23	6	0
13BJ1A0450	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	29	3
13BJ1A0450	RT31043	CONTROL SYSTEMS	16	34	3
13BJ1A0450	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	24	3
13BJ1A0450	RT31045	ANTENNAS AND WAVE PROPAGATION	16	8	0
13BJ1A0450	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
13BJ1A0450	RT31048	LICA LAB	22	42	2
13BJ1A0450	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13BJ1A0451	RT31016	IPR & PATENTS	19	27	2
13BJ1A0451	RT31041	PULSE & DIGITAL CIRCUITS	20	6	0
13BJ1A0451	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	10	0
13BJ1A0451	RT31043	CONTROL SYSTEMS	21	13	0
13BJ1A0451	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	26	3
13BJ1A0451	RT31045	ANTENNAS AND WAVE PROPAGATION	21	0	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0451	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	45	2
13BJ1A0451	RT31048	LICA LAB	20	44	2
13BJ1A0451	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0453	RT31016	IPR & PATENTS	26	59	2
13BJ1A0453	RT31041	PULSE & DIGITAL CIRCUITS	26	35	3
13BJ1A0453	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	50	3
13BJ1A0453	RT31043	CONTROL SYSTEMS	26	45	3
13BJ1A0453	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	49	3
13BJ1A0453	RT31045	ANTENNAS AND WAVE PROPAGATION	26	35	3
13BJ1A0453	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	50	2
13BJ1A0453	RT31048	LICA LAB	25	50	2
13BJ1A0453	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
13BJ1A0454	RT31016	IPR & PATENTS	24	31	2
13BJ1A0454	RT31041	PULSE & DIGITAL CIRCUITS	21	33	3
13BJ1A0454	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	14	0
13BJ1A0454	RT31043	CONTROL SYSTEMS	22	40	3
13BJ1A0454	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	39	3
13BJ1A0454	RT31045	ANTENNAS AND WAVE PROPAGATION	21	25	3
13BJ1A0454	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
13BJ1A0454	RT31048	LICA LAB	23	43	2
13BJ1A0454	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13BJ1A0456	RT31016	IPR & PATENTS	21	32	2
13BJ1A0456	RT31041	PULSE & DIGITAL CIRCUITS	20	1	0
13BJ1A0456	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	8	0
13BJ1A0456	RT31043	CONTROL SYSTEMS	19	11	0
13BJ1A0456	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	9	0
13BJ1A0456	RT31045	ANTENNAS AND WAVE PROPAGATION	21	2	0
13BJ1A0456	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
13BJ1A0456	RT31048	LICA LAB	21	42	2
13BJ1A0456	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13BJ1A0457	RT31016	IPR & PATENTS	23	20	0
13BJ1A0457	RT31041	PULSE & DIGITAL CIRCUITS	21	1	0
13BJ1A0457	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	5	0
13BJ1A0457	RT31043	CONTROL SYSTEMS	20	9	0
13BJ1A0457	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	16	0
13BJ1A0457	RT31045	ANTENNAS AND WAVE PROPAGATION	21	7	0
13BJ1A0457	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13BJ1A0457	RT31048	LICA LAB	17	40	2
13BJ1A0457	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0458	RT31016	IPR & PATENTS	24	57	2
13BJ1A0458	RT31041	PULSE & DIGITAL CIRCUITS	23	32	3
13BJ1A0458	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	49	3
13BJ1A0458	RT31043	CONTROL SYSTEMS	24	41	3
13BJ1A0458	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	37	3
13BJ1A0458	RT31045	ANTENNAS AND WAVE PROPAGATION	24	42	3
13BJ1A0458	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
13BJ1A0458	RT31048	LICA LAB	22	44	2
13BJ1A0458	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0459	RT31016	IPR & PATENTS	23	33	2
13BJ1A0459	RT31041	PULSE & DIGITAL CIRCUITS	26	25	3
13BJ1A0459	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	32	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0459	RT31043	CONTROL SYSTEMS	22	29	3
13BJ1A0459	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	42	3
13BJ1A0459	RT31045	ANTENNAS AND WAVE PROPAGATION	22	33	3
13BJ1A0459	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A0459	RT31048	LICA LAB	24	45	2
13BJ1A0459	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0460	RT31016	IPR & PATENTS	22	39	2
13BJ1A0460	RT31041	PULSE & DIGITAL CIRCUITS	25	13	0
13BJ1A0460	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	53	3
13BJ1A0460	RT31043	CONTROL SYSTEMS	23	35	3
13BJ1A0460	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	29	3
13BJ1A0460	RT31045	ANTENNAS AND WAVE PROPAGATION	22	15	0
13BJ1A0460	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13BJ1A0460	RT31048	LICA LAB	24	46	2
13BJ1A0460	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
13BJ1A0462	RT31016	IPR & PATENTS	23	29	2
13BJ1A0462	RT31041	PULSE & DIGITAL CIRCUITS	24	24	3
13BJ1A0462	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	24	3
13BJ1A0462	RT31043	CONTROL SYSTEMS	23	24	3
13BJ1A0462	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	26	3
13BJ1A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	23	10	0
13BJ1A0462	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
13BJ1A0462	RT31048	LICA LAB	22	44	2
13BJ1A0462	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13BJ1A0463	RT31016	IPR & PATENTS	27	43	2
13BJ1A0463	RT31041	PULSE & DIGITAL CIRCUITS	24	36	3
13BJ1A0463	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	48	3
13BJ1A0463	RT31043	CONTROL SYSTEMS	22	36	3
13BJ1A0463	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	39	3
13BJ1A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
13BJ1A0463	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
13BJ1A0463	RT31048	LICA LAB	23	47	2
13BJ1A0463	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0464	RT31016	IPR & PATENTS	25	32	2
13BJ1A0464	RT31041	PULSE & DIGITAL CIRCUITS	23	36	3
13BJ1A0464	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	31	3
13BJ1A0464	RT31043	CONTROL SYSTEMS	24	37	3
13BJ1A0464	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	41	3
13BJ1A0464	RT31045	ANTENNAS AND WAVE PROPAGATION	21	32	3
13BJ1A0464	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A0464	RT31048	LICA LAB	22	45	2
13BJ1A0464	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	45	2
13BJ1A0465	RT31016	IPR & PATENTS	24	35	2
13BJ1A0465	RT31041	PULSE & DIGITAL CIRCUITS	24	31	3
13BJ1A0465	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	57	3
13BJ1A0465	RT31043	CONTROL SYSTEMS	24	41	3
13BJ1A0465	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	49	3
13BJ1A0465	RT31045	ANTENNAS AND WAVE PROPAGATION	22	26	3
13BJ1A0465	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	47	2
13BJ1A0465	RT31048	LICA LAB	24	46	2
13BJ1A0465	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0466	RT31016	IPR & PATENTS	26	53	2
13BJ1A0466	RT31041	PULSE & DIGITAL CIRCUITS	25	46	3
13BJ1A0466	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	57	3
13BJ1A0466	RT31043	CONTROL SYSTEMS	26	49	3
13BJ1A0466	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	51	3
13BJ1A0466	RT31045	ANTENNAS AND WAVE PROPAGATION	25	39	3
13BJ1A0466	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	50	2
13BJ1A0466	RT31048	LICA LAB	25	50	2
13BJ1A0466	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
13BJ1A0467	RT31016	IPR & PATENTS	27	61	2
13BJ1A0467	RT31041	PULSE & DIGITAL CIRCUITS	26	48	3
13BJ1A0467	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	61	3
13BJ1A0467	RT31043	CONTROL SYSTEMS	23	45	3
13BJ1A0467	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	48	3
13BJ1A0467	RT31045	ANTENNAS AND WAVE PROPAGATION	23	41	3
13BJ1A0467	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	50	2
13BJ1A0467	RT31048	LICA LAB	24	49	2
13BJ1A0467	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
13BJ1A0468	RT31016	IPR & PATENTS	23	29	2
13BJ1A0468	RT31041	PULSE & DIGITAL CIRCUITS	22	28	3
13BJ1A0468	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	24	3
13BJ1A0468	RT31043	CONTROL SYSTEMS	21	26	3
13BJ1A0468	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	27	3
13BJ1A0468	RT31045	ANTENNAS AND WAVE PROPAGATION	20	31	3
13BJ1A0468	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A0468	RT31048	LICA LAB	23	45	2
13BJ1A0468	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0469	RT31016	IPR & PATENTS	25	30	2
13BJ1A0469	RT31041	PULSE & DIGITAL CIRCUITS	25	55	3
13BJ1A0469	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	64	3
13BJ1A0469	RT31043	CONTROL SYSTEMS	25	40	3
13BJ1A0469	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	54	3
13BJ1A0469	RT31045	ANTENNAS AND WAVE PROPAGATION	23	27	3
13BJ1A0469	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	49	2
13BJ1A0469	RT31048	LICA LAB	24	49	2
13BJ1A0469	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	49	2
13BJ1A0470	RT31016	IPR & PATENTS	26	43	2
13BJ1A0470	RT31041	PULSE & DIGITAL CIRCUITS	25	27	3
13BJ1A0470	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	33	3
13BJ1A0470	RT31043	CONTROL SYSTEMS	24	7	0
13BJ1A0470	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	26	3
13BJ1A0470	RT31045	ANTENNAS AND WAVE PROPAGATION	23	-1	0
13BJ1A0470	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A0470	RT31048	LICA LAB	22	46	2
13BJ1A0470	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0471	RT31016	IPR & PATENTS	26	51	2
13BJ1A0471	RT31041	PULSE & DIGITAL CIRCUITS	25	34	3
13BJ1A0471	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	50	3
13BJ1A0471	RT31043	CONTROL SYSTEMS	24	36	3
13BJ1A0471	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	39	3
13BJ1A0471	RT31045	ANTENNAS AND WAVE PROPAGATION	24	41	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0471	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	46	2
13BJ1A0471	RT31048	LICA LAB	24	45	2
13BJ1A0471	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A0473	RT31016	IPR & PATENTS	26	31	2
13BJ1A0473	RT31041	PULSE & DIGITAL CIRCUITS	23	26	3
13BJ1A0473	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	39	3
13BJ1A0473	RT31043	CONTROL SYSTEMS	25	34	3
13BJ1A0473	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	44	3
13BJ1A0473	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
13BJ1A0473	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13BJ1A0473	RT31048	LICA LAB	24	47	2
13BJ1A0473	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
13BJ1A0475	RT31016	IPR & PATENTS	20	26	2
13BJ1A0475	RT31041	PULSE & DIGITAL CIRCUITS	21	0	0
13BJ1A0475	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	13	0
13BJ1A0475	RT31043	CONTROL SYSTEMS	21	11	0
13BJ1A0475	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	11	0
13BJ1A0475	RT31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
13BJ1A0475	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A0475	RT31048	LICA LAB	21	42	2
13BJ1A0475	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
13BJ1A0476	RT31016	IPR & PATENTS	20	28	2
13BJ1A0476	RT31041	PULSE & DIGITAL CIRCUITS	18	14	0
13BJ1A0476	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	13	0
13BJ1A0476	RT31043	CONTROL SYSTEMS	23	11	0
13BJ1A0476	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	16	0
13BJ1A0476	RT31045	ANTENNAS AND WAVE PROPAGATION	19	7	0
13BJ1A0476	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
13BJ1A0476	RT31048	LICA LAB	20	42	2
13BJ1A0476	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13BJ1A0477	RT31016	IPR & PATENTS	25	58	2
13BJ1A0477	RT31041	PULSE & DIGITAL CIRCUITS	26	33	3
13BJ1A0477	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	32	3
13BJ1A0477	RT31043	CONTROL SYSTEMS	23	47	3
13BJ1A0477	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	32	3
13BJ1A0477	RT31045	ANTENNAS AND WAVE PROPAGATION	24	42	3
13BJ1A0477	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13BJ1A0477	RT31048	LICA LAB	25	48	2
13BJ1A0477	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13BJ1A0478	RT31016	IPR & PATENTS	23	33	2
13BJ1A0478	RT31041	PULSE & DIGITAL CIRCUITS	22	34	3
13BJ1A0478	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	35	3
13BJ1A0478	RT31043	CONTROL SYSTEMS	24	39	3
13BJ1A0478	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	49	3
13BJ1A0478	RT31045	ANTENNAS AND WAVE PROPAGATION	21	29	3
13BJ1A0478	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
13BJ1A0478	RT31048	LICA LAB	23	43	2
13BJ1A0478	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13BJ1A0479	RT31016	IPR & PATENTS	26	39	2
13BJ1A0479	RT31041	PULSE & DIGITAL CIRCUITS	25	33	3
13BJ1A0479	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	62	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0479	RT31043	CONTROL SYSTEMS	26	48	3
13BJ1A0479	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	53	3
13BJ1A0479	RT31045	ANTENNAS AND WAVE PROPAGATION	25	26	3
13BJ1A0479	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	50	2
13BJ1A0479	RT31048	LICA LAB	25	50	2
13BJ1A0479	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
13BJ1A0480	RT31016	IPR & PATENTS	24	45	2
13BJ1A0480	RT31041	PULSE & DIGITAL CIRCUITS	24	33	3
13BJ1A0480	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	42	3
13BJ1A0480	RT31043	CONTROL SYSTEMS	22	29	3
13BJ1A0480	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	45	3
13BJ1A0480	RT31045	ANTENNAS AND WAVE PROPAGATION	23	11	0
13BJ1A0480	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13BJ1A0480	RT31048	LICA LAB	24	45	2
13BJ1A0480	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0481	RT31016	IPR & PATENTS	22	43	2
13BJ1A0481	RT31041	PULSE & DIGITAL CIRCUITS	16	28	3
13BJ1A0481	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	17	0
13BJ1A0481	RT31043	CONTROL SYSTEMS	14	26	3
13BJ1A0481	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	24	3
13BJ1A0481	RT31045	ANTENNAS AND WAVE PROPAGATION	19	32	3
13BJ1A0481	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A0481	RT31048	LICA LAB	18	40	2
13BJ1A0481	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0483	RT31016	IPR & PATENTS	21	36	2
13BJ1A0483	RT31041	PULSE & DIGITAL CIRCUITS	21	25	3
13BJ1A0483	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	13	0
13BJ1A0483	RT31043	CONTROL SYSTEMS	22	33	3
13BJ1A0483	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	36	3
13BJ1A0483	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
13BJ1A0483	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
13BJ1A0483	RT31048	LICA LAB	22	44	2
13BJ1A0483	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13BJ1A0484	RT31016	IPR & PATENTS	23	26	2
13BJ1A0484	RT31041	PULSE & DIGITAL CIRCUITS	25	31	3
13BJ1A0484	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	48	3
13BJ1A0484	RT31043	CONTROL SYSTEMS	22	42	3
13BJ1A0484	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	30	3
13BJ1A0484	RT31045	ANTENNAS AND WAVE PROPAGATION	23	29	3
13BJ1A0484	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
13BJ1A0484	RT31048	LICA LAB	22	45	2
13BJ1A0484	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A0485	RT31016	IPR & PATENTS	21	45	2
13BJ1A0485	RT31041	PULSE & DIGITAL CIRCUITS	25	33	3
13BJ1A0485	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	48	3
13BJ1A0485	RT31043	CONTROL SYSTEMS	24	44	3
13BJ1A0485	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	43	3
13BJ1A0485	RT31045	ANTENNAS AND WAVE PROPAGATION	22	34	3
13BJ1A0485	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
13BJ1A0485	RT31048	LICA LAB	24	47	2
13BJ1A0485	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0486	RT31016	IPR & PATENTS	20	43	2
13BJ1A0486	RT31041	PULSE & DIGITAL CIRCUITS	19	1	0
13BJ1A0486	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	2	0
13BJ1A0486	RT31043	CONTROL SYSTEMS	20	4	0
13BJ1A0486	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
13BJ1A0486	RT31045	ANTENNAS AND WAVE PROPAGATION	21	2	0
13BJ1A0486	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A0486	RT31048	LICA LAB	17	40	2
13BJ1A0486	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0487	RT31016	IPR & PATENTS	23	39	2
13BJ1A0487	RT31041	PULSE & DIGITAL CIRCUITS	22	11	0
13BJ1A0487	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	27	3
13BJ1A0487	RT31043	CONTROL SYSTEMS	22	29	3
13BJ1A0487	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	24	3
13BJ1A0487	RT31045	ANTENNAS AND WAVE PROPAGATION	20	25	3
13BJ1A0487	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	41	2
13BJ1A0487	RT31048	LICA LAB	14	42	2
13BJ1A0487	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13BJ1A0490	RT31016	IPR & PATENTS	3	26	0
13BJ1A0490	RT31041	PULSE & DIGITAL CIRCUITS	15	0	0
13BJ1A0490	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	0	0
13BJ1A0490	RT31043	CONTROL SYSTEMS	10	0	0
13BJ1A0490	RT31044	DIGITAL SYSTEM DESIGN & DICA	3	-1	0
13BJ1A0490	RT31045	ANTENNAS AND WAVE PROPAGATION	14	0	0
13BJ1A0490	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A0490	RT31048	LICA LAB	19	40	2
13BJ1A0490	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	5	0
13BJ1A0492	RT31016	IPR & PATENTS	22	29	2
13BJ1A0492	RT31041	PULSE & DIGITAL CIRCUITS	18	11	0
13BJ1A0492	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	13	0
13BJ1A0492	RT31043	CONTROL SYSTEMS	21	5	0
13BJ1A0492	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	26	3
13BJ1A0492	RT31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
13BJ1A0492	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	41	2
13BJ1A0492	RT31048	LICA LAB	18	42	2
13BJ1A0492	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
13BJ1A0493	RT31016	IPR & PATENTS	23	50	2
13BJ1A0493	RT31041	PULSE & DIGITAL CIRCUITS	23	28	3
13BJ1A0493	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	16	0
13BJ1A0493	RT31043	CONTROL SYSTEMS	18	26	3
13BJ1A0493	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
13BJ1A0493	RT31045	ANTENNAS AND WAVE PROPAGATION	22	25	3
13BJ1A0493	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
13BJ1A0493	RT31048	LICA LAB	19	44	2
13BJ1A0493	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A0494	RT31016	IPR & PATENTS	18	32	2
13BJ1A0494	RT31041	PULSE & DIGITAL CIRCUITS	19	2	0
13BJ1A0494	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	6	0
13BJ1A0494	RT31043	CONTROL SYSTEMS	21	29	3
13BJ1A0494	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	24	3
13BJ1A0494	RT31045	ANTENNAS AND WAVE PROPAGATION	23	11	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0494	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A0494	RT31048	LICA LAB	19	40	2
13BJ1A0494	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0495	RT31016	IPR & PATENTS	21	28	2
13BJ1A0495	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A0495	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	6	0
13BJ1A0495	RT31043	CONTROL SYSTEMS	17	9	0
13BJ1A0495	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	6	0
13BJ1A0495	RT31045	ANTENNAS AND WAVE PROPAGATION	16	3	0
13BJ1A0495	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	41	2
13BJ1A0495	RT31048	LICA LAB	19	40	2
13BJ1A0495	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	41	2
13BJ1A0496	RT31016	IPR & PATENTS	24	40	2
13BJ1A0496	RT31041	PULSE & DIGITAL CIRCUITS	26	27	3
13BJ1A0496	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	24	3
13BJ1A0496	RT31043	CONTROL SYSTEMS	20	27	3
13BJ1A0496	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	28	3
13BJ1A0496	RT31045	ANTENNAS AND WAVE PROPAGATION	22	31	3
13BJ1A0496	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13BJ1A0496	RT31048	LICA LAB	24	49	2
13BJ1A0496	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
13BJ1A0497	RT31016	IPR & PATENTS	18	34	2
13BJ1A0497	RT31041	PULSE & DIGITAL CIRCUITS	21	0	0
13BJ1A0497	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	0	0
13BJ1A0497	RT31043	CONTROL SYSTEMS	18	0	0
13BJ1A0497	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	5	0
13BJ1A0497	RT31045	ANTENNAS AND WAVE PROPAGATION	18	0	0
13BJ1A0497	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	9	0
13BJ1A0497	RT31048	LICA LAB	17	40	2
13BJ1A0497	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0498	RT31016	IPR & PATENTS	22	32	2
13BJ1A0498	RT31041	PULSE & DIGITAL CIRCUITS	18	6	0
13BJ1A0498	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	1	0
13BJ1A0498	RT31043	CONTROL SYSTEMS	19	17	0
13BJ1A0498	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	10	0
13BJ1A0498	RT31045	ANTENNAS AND WAVE PROPAGATION	16	24	3
13BJ1A0498	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13BJ1A0498	RT31048	LICA LAB	17	40	2
13BJ1A0498	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A0499	RT31016	IPR & PATENTS	20	31	2
13BJ1A0499	RT31041	PULSE & DIGITAL CIRCUITS	22	10	0
13BJ1A0499	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	51	3
13BJ1A0499	RT31043	CONTROL SYSTEMS	20	37	3
13BJ1A0499	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	34	3
13BJ1A0499	RT31045	ANTENNAS AND WAVE PROPAGATION	24	10	0
13BJ1A0499	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A0499	RT31048	LICA LAB	22	49	2
13BJ1A0499	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
13BJ1A04A0	RT31016	IPR & PATENTS	23	39	2
13BJ1A04A0	RT31041	PULSE & DIGITAL CIRCUITS	25	28	3
13BJ1A04A0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	43	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04A0	RT31043	CONTROL SYSTEMS	21	30	3
13BJ1A04A0	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	42	3
13BJ1A04A0	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
13BJ1A04A0	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A04A0	RT31048	LICA LAB	23	45	2
13BJ1A04A0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A04A1	RT31016	IPR & PATENTS	3	28	0
13BJ1A04A1	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A04A1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	1	0
13BJ1A04A1	RT31043	CONTROL SYSTEMS	12	5	0
13BJ1A04A1	RT31044	DIGITAL SYSTEM DESIGN & DICA	8	5	0
13BJ1A04A1	RT31045	ANTENNAS AND WAVE PROPAGATION	10	2	0
13BJ1A04A1	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	40	2
13BJ1A04A1	RT31048	LICA LAB	14	5	0
13BJ1A04A1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
13BJ1A04A2	RT31016	IPR & PATENTS	15	29	2
13BJ1A04A2	RT31041	PULSE & DIGITAL CIRCUITS	0	2	0
13BJ1A04A2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	0	0
13BJ1A04A2	RT31043	CONTROL SYSTEMS	11	8	0
13BJ1A04A2	RT31044	DIGITAL SYSTEM DESIGN & DICA	6	2	0
13BJ1A04A2	RT31045	ANTENNAS AND WAVE PROPAGATION	7	12	0
13BJ1A04A2	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	3	0
13BJ1A04A2	RT31048	LICA LAB	14	40	2
13BJ1A04A2	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
13BJ1A04A3	RT31016	IPR & PATENTS	26	41	2
13BJ1A04A3	RT31041	PULSE & DIGITAL CIRCUITS	23	10	0
13BJ1A04A3	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	24	3
13BJ1A04A3	RT31043	CONTROL SYSTEMS	21	24	3
13BJ1A04A3	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	9	0
13BJ1A04A3	RT31045	ANTENNAS AND WAVE PROPAGATION	22	33	3
13BJ1A04A3	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	41	2
13BJ1A04A3	RT31048	LICA LAB	19	42	2
13BJ1A04A3	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13BJ1A04A5	RT31016	IPR & PATENTS	20	32	2
13BJ1A04A5	RT31041	PULSE & DIGITAL CIRCUITS	21	14	0
13BJ1A04A5	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	36	3
13BJ1A04A5	RT31043	CONTROL SYSTEMS	20	14	0
13BJ1A04A5	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	26	3
13BJ1A04A5	RT31045	ANTENNAS AND WAVE PROPAGATION	22	13	0
13BJ1A04A5	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	41	2
13BJ1A04A5	RT31048	LICA LAB	17	42	2
13BJ1A04A5	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	42	2
13BJ1A04A6	RT31016	IPR & PATENTS	22	53	2
13BJ1A04A6	RT31041	PULSE & DIGITAL CIRCUITS	14	26	3
13BJ1A04A6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	8	0
13BJ1A04A6	RT31043	CONTROL SYSTEMS	19	12	0
13BJ1A04A6	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	14	0
13BJ1A04A6	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
13BJ1A04A6	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A04A6	RT31048	LICA LAB	18	43	2
13BJ1A04A6	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	42	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04A7	RT31016	IPR & PATENTS	27	36	2
13BJ1A04A7	RT31041	PULSE & DIGITAL CIRCUITS	23	14	0
13BJ1A04A7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	9	0
13BJ1A04A7	RT31043	CONTROL SYSTEMS	21	39	3
13BJ1A04A7	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	33	3
13BJ1A04A7	RT31045	ANTENNAS AND WAVE PROPAGATION	20	34	3
13BJ1A04A7	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A04A7	RT31048	LICA LAB	22	45	2
13BJ1A04A7	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13BJ1A04A8	RT31016	IPR & PATENTS	27	26	2
13BJ1A04A8	RT31041	PULSE & DIGITAL CIRCUITS	23	2	0
13BJ1A04A8	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	14	0
13BJ1A04A8	RT31043	CONTROL SYSTEMS	21	10	0
13BJ1A04A8	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	15	0
13BJ1A04A8	RT31045	ANTENNAS AND WAVE PROPAGATION	23	7	0
13BJ1A04A8	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
13BJ1A04A8	RT31048	LICA LAB	22	45	2
13BJ1A04A8	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
13BJ1A04A9	RT31016	IPR & PATENTS	22	35	2
13BJ1A04A9	RT31041	PULSE & DIGITAL CIRCUITS	22	37	3
13BJ1A04A9	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	46	3
13BJ1A04A9	RT31043	CONTROL SYSTEMS	21	32	3
13BJ1A04A9	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	36	3
13BJ1A04A9	RT31045	ANTENNAS AND WAVE PROPAGATION	24	7	0
13BJ1A04A9	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
13BJ1A04A9	RT31048	LICA LAB	23	45	2
13BJ1A04A9	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
13BJ1A04B0	RT31016	IPR & PATENTS	27	59	2
13BJ1A04B0	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
13BJ1A04B0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	9	0
13BJ1A04B0	RT31043	CONTROL SYSTEMS	21	24	3
13BJ1A04B0	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	31	3
13BJ1A04B0	RT31045	ANTENNAS AND WAVE PROPAGATION	24	17	0
13BJ1A04B0	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A04B0	RT31048	LICA LAB	22	45	2
13BJ1A04B0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A04B1	RT31016	IPR & PATENTS	23	30	2
13BJ1A04B1	RT31041	PULSE & DIGITAL CIRCUITS	23	8	0
13BJ1A04B1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	35	3
13BJ1A04B1	RT31043	CONTROL SYSTEMS	22	31	3
13BJ1A04B1	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	25	3
13BJ1A04B1	RT31045	ANTENNAS AND WAVE PROPAGATION	19	24	3
13BJ1A04B1	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
13BJ1A04B1	RT31048	LICA LAB	24	46	2
13BJ1A04B1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A04B2	RT31016	IPR & PATENTS	16	26	2
13BJ1A04B2	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A04B2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	2	0
13BJ1A04B2	RT31043	CONTROL SYSTEMS	11	5	0
13BJ1A04B2	RT31044	DIGITAL SYSTEM DESIGN & DICA	9	1	0
13BJ1A04B2	RT31045	ANTENNAS AND WAVE PROPAGATION	8	0	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04B2	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	8	0
13BJ1A04B2	RT31048	LICA LAB	14	40	2
13BJ1A04B2	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	40	2
13BJ1A04B3	RT31016	IPR & PATENTS	25	28	2
13BJ1A04B3	RT31041	PULSE & DIGITAL CIRCUITS	20	26	3
13BJ1A04B3	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	26	3
13BJ1A04B3	RT31043	CONTROL SYSTEMS	21	26	3
13BJ1A04B3	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	27	3
13BJ1A04B3	RT31045	ANTENNAS AND WAVE PROPAGATION	20	8	0
13BJ1A04B3	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	41	2
13BJ1A04B3	RT31048	LICA LAB	17	42	2
13BJ1A04B3	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A04B4	RT31016	IPR & PATENTS	21	50	2
13BJ1A04B4	RT31041	PULSE & DIGITAL CIRCUITS	17	16	0
13BJ1A04B4	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	4	0
13BJ1A04B4	RT31043	CONTROL SYSTEMS	20	31	3
13BJ1A04B4	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	10	0
13BJ1A04B4	RT31045	ANTENNAS AND WAVE PROPAGATION	16	17	0
13BJ1A04B4	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A04B4	RT31048	LICA LAB	17	40	2
13BJ1A04B4	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A04B5	RT31016	IPR & PATENTS	21	32	2
13BJ1A04B5	RT31041	PULSE & DIGITAL CIRCUITS	18	5	0
13BJ1A04B5	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	7	0
13BJ1A04B5	RT31043	CONTROL SYSTEMS	18	30	3
13BJ1A04B5	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	30	3
13BJ1A04B5	RT31045	ANTENNAS AND WAVE PROPAGATION	18	34	3
13BJ1A04B5	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13BJ1A04B5	RT31048	LICA LAB	18	40	2
13BJ1A04B5	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	42	2
13BJ1A04B7	RT31016	IPR & PATENTS	19	26	2
13BJ1A04B7	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
13BJ1A04B7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	5	0
13BJ1A04B7	RT31043	CONTROL SYSTEMS	19	6	0
13BJ1A04B7	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	4	0
13BJ1A04B7	RT31045	ANTENNAS AND WAVE PROPAGATION	18	0	0
13BJ1A04B7	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A04B7	RT31048	LICA LAB	17	40	2
13BJ1A04B7	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A04B9	RT31016	IPR & PATENTS	0	25	0
13BJ1A04B9	RT31041	PULSE & DIGITAL CIRCUITS	14	0	0
13BJ1A04B9	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	6	3	0
13BJ1A04B9	RT31043	CONTROL SYSTEMS	9	1	0
13BJ1A04B9	RT31044	DIGITAL SYSTEM DESIGN & DICA	7	6	0
13BJ1A04B9	RT31045	ANTENNAS AND WAVE PROPAGATION	5	4	0
13BJ1A04B9	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13BJ1A04B9	RT31048	LICA LAB	18	40	2
13BJ1A04B9	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	40	2
13BJ1A04C0	RT31016	IPR & PATENTS	20	40	2
13BJ1A04C0	RT31041	PULSE & DIGITAL CIRCUITS	20	25	3
13BJ1A04C0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	28	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04C0	RT31043	CONTROL SYSTEMS	14	31	3
13BJ1A04C0	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	32	3
13BJ1A04C0	RT31045	ANTENNAS AND WAVE PROPAGATION	17	26	3
13BJ1A04C0	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	43	2
13BJ1A04C0	RT31048	LICA LAB	20	42	2
13BJ1A04C0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	43	2
13BJ1A04C1	RT31016	IPR & PATENTS	23	35	2
13BJ1A04C1	RT31041	PULSE & DIGITAL CIRCUITS	23	12	0
13BJ1A04C1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	28	3
13BJ1A04C1	RT31043	CONTROL SYSTEMS	23	36	3
13BJ1A04C1	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	45	3
13BJ1A04C1	RT31045	ANTENNAS AND WAVE PROPAGATION	23	37	3
13BJ1A04C1	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A04C1	RT31048	LICA LAB	23	45	2
13BJ1A04C1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13BJ1A04C2	RT31016	IPR & PATENTS	21	30	2
13BJ1A04C2	RT31041	PULSE & DIGITAL CIRCUITS	22	2	0
13BJ1A04C2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	24	3
13BJ1A04C2	RT31043	CONTROL SYSTEMS	21	27	3
13BJ1A04C2	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	24	3
13BJ1A04C2	RT31045	ANTENNAS AND WAVE PROPAGATION	23	17	0
13BJ1A04C2	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13BJ1A04C2	RT31048	LICA LAB	24	45	2
13BJ1A04C2	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13BJ1A04C4	RT31016	IPR & PATENTS	22	25	2
13BJ1A04C4	RT31041	PULSE & DIGITAL CIRCUITS	22	24	3
13BJ1A04C4	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	25	3
13BJ1A04C4	RT31043	CONTROL SYSTEMS	21	13	0
13BJ1A04C4	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	6	0
13BJ1A04C4	RT31045	ANTENNAS AND WAVE PROPAGATION	22	7	0
13BJ1A04C4	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A04C4	RT31048	LICA LAB	23	40	2
13BJ1A04C4	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
13BJ1A04C5	RT31016	IPR & PATENTS	28	44	2
13BJ1A04C5	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
13BJ1A04C5	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	13	0
13BJ1A04C5	RT31043	CONTROL SYSTEMS	20	24	3
13BJ1A04C5	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	-1	0
13BJ1A04C5	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
13BJ1A04C5	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	41	2
13BJ1A04C5	RT31048	LICA LAB	24	42	2
13BJ1A04C5	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
13BJ1A04C6	RT31016	IPR & PATENTS	29	37	2
13BJ1A04C6	RT31041	PULSE & DIGITAL CIRCUITS	25	35	3
13BJ1A04C6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	54	3
13BJ1A04C6	RT31043	CONTROL SYSTEMS	23	39	3
13BJ1A04C6	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	48	3
13BJ1A04C6	RT31045	ANTENNAS AND WAVE PROPAGATION	23	47	3
13BJ1A04C6	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
13BJ1A04C6	RT31048	LICA LAB	23	45	2
13BJ1A04C6	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04C7	RT31016	IPR & PATENTS	24	39	2
13BJ1A04C7	RT31041	PULSE & DIGITAL CIRCUITS	22	7	0
13BJ1A04C7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	24	3
13BJ1A04C7	RT31043	CONTROL SYSTEMS	20	26	3
13BJ1A04C7	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	7	0
13BJ1A04C7	RT31045	ANTENNAS AND WAVE PROPAGATION	24	12	0
13BJ1A04C7	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13BJ1A04C7	RT31048	LICA LAB	23	45	2
13BJ1A04C7	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A04C8	RT31016	IPR & PATENTS	24	39	2
13BJ1A04C8	RT31041	PULSE & DIGITAL CIRCUITS	24	27	3
13BJ1A04C8	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	48	3
13BJ1A04C8	RT31043	CONTROL SYSTEMS	21	37	3
13BJ1A04C8	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	45	3
13BJ1A04C8	RT31045	ANTENNAS AND WAVE PROPAGATION	26	24	3
13BJ1A04C8	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
13BJ1A04C8	RT31048	LICA LAB	24	45	2
13BJ1A04C8	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13BJ1A04C9	RT31016	IPR & PATENTS	25	45	2
13BJ1A04C9	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
13BJ1A04C9	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	28	3
13BJ1A04C9	RT31043	CONTROL SYSTEMS	20	24	3
13BJ1A04C9	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	12	0
13BJ1A04C9	RT31045	ANTENNAS AND WAVE PROPAGATION	21	30	3
13BJ1A04C9	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
13BJ1A04C9	RT31048	LICA LAB	22	45	2
13BJ1A04C9	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A04D0	RT31016	IPR & PATENTS	25	31	2
13BJ1A04D0	RT31041	PULSE & DIGITAL CIRCUITS	25	35	3
13BJ1A04D0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	33	3
13BJ1A04D0	RT31043	CONTROL SYSTEMS	24	41	3
13BJ1A04D0	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	41	3
13BJ1A04D0	RT31045	ANTENNAS AND WAVE PROPAGATION	24	33	3
13BJ1A04D0	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	50	2
13BJ1A04D0	RT31048	LICA LAB	24	49	2
13BJ1A04D0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
13BJ1A04D1	RT31016	IPR & PATENTS	26	24	2
13BJ1A04D1	RT31041	PULSE & DIGITAL CIRCUITS	22	13	0
13BJ1A04D1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	30	3
13BJ1A04D1	RT31043	CONTROL SYSTEMS	21	25	3
13BJ1A04D1	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
13BJ1A04D1	RT31045	ANTENNAS AND WAVE PROPAGATION	24	16	0
13BJ1A04D1	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
13BJ1A04D1	RT31048	LICA LAB	22	47	2
13BJ1A04D1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
13BJ1A04D2	RT31016	IPR & PATENTS	26	28	2
13BJ1A04D2	RT31041	PULSE & DIGITAL CIRCUITS	16	3	0
13BJ1A04D2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	18	0
13BJ1A04D2	RT31043	CONTROL SYSTEMS	19	6	0
13BJ1A04D2	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	18	0
13BJ1A04D2	RT31045	ANTENNAS AND WAVE PROPAGATION	13	7	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04D2	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
13BJ1A04D2	RT31048	LICA LAB	21	43	2
13BJ1A04D2	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13BJ1A04D3	RT31016	IPR & PATENTS	22	41	2
13BJ1A04D3	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
13BJ1A04D3	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	5	0
13BJ1A04D3	RT31043	CONTROL SYSTEMS	18	15	0
13BJ1A04D3	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	6	0
13BJ1A04D3	RT31045	ANTENNAS AND WAVE PROPAGATION	11	5	0
13BJ1A04D3	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
13BJ1A04D3	RT31048	LICA LAB	21	43	2
13BJ1A04D3	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13BJ1A04D4	RT31016	IPR & PATENTS	23	34	2
13BJ1A04D4	RT31041	PULSE & DIGITAL CIRCUITS	23	6	0
13BJ1A04D4	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	13	0
13BJ1A04D4	RT31043	CONTROL SYSTEMS	20	33	3
13BJ1A04D4	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	37	3
13BJ1A04D4	RT31045	ANTENNAS AND WAVE PROPAGATION	16	31	3
13BJ1A04D4	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
13BJ1A04D4	RT31048	LICA LAB	21	4	0
13BJ1A04D4	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	41	2
13BJ1A04D5	RT31016	IPR & PATENTS	24	26	2
13BJ1A04D5	RT31041	PULSE & DIGITAL CIRCUITS	21	4	0
13BJ1A04D5	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	7	0
13BJ1A04D5	RT31043	CONTROL SYSTEMS	22	17	0
13BJ1A04D5	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	8	0
13BJ1A04D5	RT31045	ANTENNAS AND WAVE PROPAGATION	19	8	0
13BJ1A04D5	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A04D5	RT31048	LICA LAB	22	40	2
13BJ1A04D5	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
13BJ1A04D6	RT31016	IPR & PATENTS	0	8	0
13BJ1A04D6	RT31041	PULSE & DIGITAL CIRCUITS	0	0	0
13BJ1A04D6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	0	0	0
13BJ1A04D6	RT31043	CONTROL SYSTEMS	0	1	0
13BJ1A04D6	RT31044	DIGITAL SYSTEM DESIGN & DICA	7	2	0
13BJ1A04D6	RT31045	ANTENNAS AND WAVE PROPAGATION	0	0	0
13BJ1A04D6	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13BJ1A04D6	RT31048	LICA LAB	14	6	0
13BJ1A04D6	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
13BJ1A04D7	RT31016	IPR & PATENTS	28	46	2
13BJ1A04D7	RT31041	PULSE & DIGITAL CIRCUITS	22	13	0
13BJ1A04D7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	24	3
13BJ1A04D7	RT31043	CONTROL SYSTEMS	20	25	3
13BJ1A04D7	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	13	0
13BJ1A04D7	RT31045	ANTENNAS AND WAVE PROPAGATION	22	11	0
13BJ1A04D7	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	47	2
13BJ1A04D7	RT31048	LICA LAB	18	46	2
13BJ1A04D7	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13BJ1A04D8	RT31016	IPR & PATENTS	25	28	2
13BJ1A04D8	RT31041	PULSE & DIGITAL CIRCUITS	20	1	0
13BJ1A04D8	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	9	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A04D8	RT31043	CONTROL SYSTEMS	17	28	3
13BJ1A04D8	RT31044	DIGITAL SYSTEM DESIGN & DICA	7	33	3
13BJ1A04D8	RT31045	ANTENNAS AND WAVE PROPAGATION	17	28	3
13BJ1A04D8	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13BJ1A04D8	RT31048	LICA LAB	18	40	2
13BJ1A04D8	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	7	0
13BJ1A04D9	RT31016	IPR & PATENTS	18	26	2
13BJ1A04D9	RT31041	PULSE & DIGITAL CIRCUITS	20	0	0
13BJ1A04D9	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	3	0
13BJ1A04D9	RT31043	CONTROL SYSTEMS	14	14	0
13BJ1A04D9	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	8	0
13BJ1A04D9	RT31045	ANTENNAS AND WAVE PROPAGATION	18	2	0
13BJ1A04D9	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	40	2
13BJ1A04D9	RT31048	LICA LAB	17	40	2
13BJ1A04D9	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	8	0
13BJ1A04E0	RT31016	IPR & PATENTS	26	35	2
13BJ1A04E0	RT31041	PULSE & DIGITAL CIRCUITS	17	17	0
13BJ1A04E0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	40	3
13BJ1A04E0	RT31043	CONTROL SYSTEMS	20	24	3
13BJ1A04E0	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	38	3
13BJ1A04E0	RT31045	ANTENNAS AND WAVE PROPAGATION	19	13	0
13BJ1A04E0	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
13BJ1A04E0	RT31048	LICA LAB	23	45	2
13BJ1A04E0	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13BJ1A04E1	RT31016	IPR & PATENTS	22	47	2
13BJ1A04E1	RT31041	PULSE & DIGITAL CIRCUITS	17	24	3
13BJ1A04E1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	24	3
13BJ1A04E1	RT31043	CONTROL SYSTEMS	12	18	0
13BJ1A04E1	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	3	0
13BJ1A04E1	RT31045	ANTENNAS AND WAVE PROPAGATION	14	0	0
13BJ1A04E1	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	41	2
13BJ1A04E1	RT31048	LICA LAB	20	42	2
13BJ1A04E1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	42	2
13BJ1A04E2	RT31016	IPR & PATENTS	23	29	2
13BJ1A04E2	RT31041	PULSE & DIGITAL CIRCUITS	19	3	0
13BJ1A04E2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	12	0
13BJ1A04E2	RT31043	CONTROL SYSTEMS	14	16	0
13BJ1A04E2	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	17	0
13BJ1A04E2	RT31045	ANTENNAS AND WAVE PROPAGATION	12	17	0
13BJ1A04E2	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	41	2
13BJ1A04E2	RT31048	LICA LAB	14	40	2
13BJ1A04E2	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
13BJ1A04E3	RT31016	IPR & PATENTS	22	30	2
13BJ1A04E3	RT31041	PULSE & DIGITAL CIRCUITS	17	1	0
13BJ1A04E3	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	2	0
13BJ1A04E3	RT31043	CONTROL SYSTEMS	12	17	0
13BJ1A04E3	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	2	0
13BJ1A04E3	RT31045	ANTENNAS AND WAVE PROPAGATION	16	7	0
13BJ1A04E3	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	40	2
13BJ1A04E3	RT31048	LICA LAB	14	3	0
13BJ1A04E3	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	40	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0502	RT31051	COMPILER DESIGN	20	19	0
13BJ1A0502	RT31052	DATA COMMUNICATION	23	24	3
13BJ1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	28	3
13BJ1A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	22	33	3
13BJ1A0502	RT31055	OPERATING SYSTEMS	17	34	3
13BJ1A0502	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13BJ1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13BJ1A0502	RT31059	SEMINAR	46	0	1
13BJ1A0503	RT31051	COMPILER DESIGN	21	29	3
13BJ1A0503	RT31052	DATA COMMUNICATION	20	12	0
13BJ1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	9	0
13BJ1A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	18	27	3
13BJ1A0503	RT31055	OPERATING SYSTEMS	18	40	3
13BJ1A0503	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
13BJ1A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0503	RT31059	SEMINAR	47	0	1
13BJ1A0504	RT31051	COMPILER DESIGN	24	54	3
13BJ1A0504	RT31052	DATA COMMUNICATION	27	41	3
13BJ1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	39	3
13BJ1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	23	36	3
13BJ1A0504	RT31055	OPERATING SYSTEMS	20	34	3
13BJ1A0504	RT31056	COMPILER DESIGN LAB	25	49	2
13BJ1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	49	2
13BJ1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13BJ1A0504	RT31059	SEMINAR	49	0	1
13BJ1A0505	RT31051	COMPILER DESIGN	23	4	0
13BJ1A0505	RT31052	DATA COMMUNICATION	20	16	0
13BJ1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	25	3
13BJ1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	18	16	0
13BJ1A0505	RT31055	OPERATING SYSTEMS	20	25	3
13BJ1A0505	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	44	2
13BJ1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13BJ1A0505	RT31059	SEMINAR	47	0	1
13BJ1A0506	RT31051	COMPILER DESIGN	22	27	3
13BJ1A0506	RT31052	DATA COMMUNICATION	21	12	0
13BJ1A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	29	3
13BJ1A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	20	33	3
13BJ1A0506	RT31055	OPERATING SYSTEMS	19	25	3
13BJ1A0506	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
13BJ1A0506	RT31059	SEMINAR	47	0	1
13BJ1A0507	RT31051	COMPILER DESIGN	23	31	3
13BJ1A0507	RT31052	DATA COMMUNICATION	24	11	0
13BJ1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	13	0
13BJ1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	23	26	3
13BJ1A0507	RT31055	OPERATING SYSTEMS	21	31	3
13BJ1A0507	RT31056	COMPILER DESIGN LAB	24	48	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
13BJ1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13BJ1A0507	RT31059	SEMINAR	49	0	1
13BJ1A0508	RT31051	COMPILER DESIGN	23	33	3
13BJ1A0508	RT31052	DATA COMMUNICATION	25	38	3
13BJ1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	39	3
13BJ1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	24	51	3
13BJ1A0508	RT31055	OPERATING SYSTEMS	23	36	3
13BJ1A0508	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
13BJ1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
13BJ1A0508	RT31059	SEMINAR	49	0	1
13BJ1A0510	RT31051	COMPILER DESIGN	23	26	3
13BJ1A0510	RT31052	DATA COMMUNICATION	26	36	3
13BJ1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	39	3
13BJ1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	23	28	3
13BJ1A0510	RT31055	OPERATING SYSTEMS	25	50	3
13BJ1A0510	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
13BJ1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13BJ1A0510	RT31059	SEMINAR	50	0	1
13BJ1A0511	RT31051	COMPILER DESIGN	21	37	3
13BJ1A0511	RT31052	DATA COMMUNICATION	24	31	3
13BJ1A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	38	3
13BJ1A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	21	37	3
13BJ1A0511	RT31055	OPERATING SYSTEMS	21	34	3
13BJ1A0511	RT31056	COMPILER DESIGN LAB	22	49	2
13BJ1A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
13BJ1A0511	RT31059	SEMINAR	49	0	1
13BJ1A0512	RT31051	COMPILER DESIGN	23	55	3
13BJ1A0512	RT31052	DATA COMMUNICATION	23	34	3
13BJ1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	37	3
13BJ1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	23	47	3
13BJ1A0512	RT31055	OPERATING SYSTEMS	20	36	3
13BJ1A0512	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
13BJ1A0512	RT31059	SEMINAR	48	0	1
13BJ1A0513	RT31051	COMPILER DESIGN	22	33	3
13BJ1A0513	RT31052	DATA COMMUNICATION	22	14	0
13BJ1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	37	3
13BJ1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	20	13	0
13BJ1A0513	RT31055	OPERATING SYSTEMS	20	27	3
13BJ1A0513	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	49	2
13BJ1A0513	RT31059	SEMINAR	48	0	1
13BJ1A0514	RT31051	COMPILER DESIGN	22	0	0
13BJ1A0514	RT31052	DATA COMMUNICATION	23	33	3
13BJ1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	11	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	17	24	3
13BJ1A0514	RT31055	OPERATING SYSTEMS	18	39	3
13BJ1A0514	RT31056	COMPILER DESIGN LAB	23	45	2
13BJ1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13BJ1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	49	2
13BJ1A0514	RT31059	SEMINAR	47	0	1
13BJ1A0515	RT31051	COMPILER DESIGN	20	24	3
13BJ1A0515	RT31052	DATA COMMUNICATION	21	15	0
13BJ1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	24	3
13BJ1A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	18	12	0
13BJ1A0515	RT31055	OPERATING SYSTEMS	19	24	3
13BJ1A0515	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0515	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13BJ1A0515	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A0515	RT31059	SEMINAR	47	0	1
13BJ1A0516	RT31051	COMPILER DESIGN	22	29	3
13BJ1A0516	RT31052	DATA COMMUNICATION	23	16	0
13BJ1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	44	3
13BJ1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	18	32	3
13BJ1A0516	RT31055	OPERATING SYSTEMS	24	61	3
13BJ1A0516	RT31056	COMPILER DESIGN LAB	24	49	2
13BJ1A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	49	2
13BJ1A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
13BJ1A0516	RT31059	SEMINAR	49	0	1
13BJ1A0517	RT31051	COMPILER DESIGN	21	35	3
13BJ1A0517	RT31052	DATA COMMUNICATION	22	40	3
13BJ1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	35	3
13BJ1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	22	37	3
13BJ1A0517	RT31055	OPERATING SYSTEMS	19	34	3
13BJ1A0517	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13BJ1A0517	RT31059	SEMINAR	48	0	1
13BJ1A0519	RT31051	COMPILER DESIGN	20	9	0
13BJ1A0519	RT31052	DATA COMMUNICATION	24	31	3
13BJ1A0519	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	15	0
13BJ1A0519	RT31054	DATABASE MANAGEMENT SYSTEMS	22	13	0
13BJ1A0519	RT31055	OPERATING SYSTEMS	22	36	3
13BJ1A0519	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0519	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0519	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0519	RT31059	SEMINAR	47	0	1
13BJ1A0520	RT31051	COMPILER DESIGN	22	24	3
13BJ1A0520	RT31052	DATA COMMUNICATION	23	9	0
13BJ1A0520	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	41	3
13BJ1A0520	RT31054	DATABASE MANAGEMENT SYSTEMS	19	43	3
13BJ1A0520	RT31055	OPERATING SYSTEMS	20	37	3
13BJ1A0520	RT31056	COMPILER DESIGN LAB	25	49	2
13BJ1A0520	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0520	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
13BJ1A0520	RT31059	SEMINAR	49	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0521	RT31051	COMPILER DESIGN	24	29	3
13BJ1A0521	RT31052	DATA COMMUNICATION	24	28	3
13BJ1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	36	3
13BJ1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	22	35	3
13BJ1A0521	RT31055	OPERATING SYSTEMS	19	27	3
13BJ1A0521	RT31056	COMPILER DESIGN LAB	23	48	2
13BJ1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
13BJ1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
13BJ1A0521	RT31059	SEMINAR	49	0	1
13BJ1A0522	RT31051	COMPILER DESIGN	20	36	3
13BJ1A0522	RT31052	DATA COMMUNICATION	23	16	0
13BJ1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	29	3
13BJ1A0522	RT31054	DATABASE MANAGEMENT SYSTEMS	18	29	3
13BJ1A0522	RT31055	OPERATING SYSTEMS	19	26	3
13BJ1A0522	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0522	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0522	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13BJ1A0522	RT31059	SEMINAR	47	0	1
13BJ1A0523	RT31051	COMPILER DESIGN	20	0	0
13BJ1A0523	RT31052	DATA COMMUNICATION	22	30	3
13BJ1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	16	0
13BJ1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	17	12	0
13BJ1A0523	RT31055	OPERATING SYSTEMS	18	24	3
13BJ1A0523	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A0523	RT31059	SEMINAR	47	0	1
13BJ1A0526	RT31051	COMPILER DESIGN	26	34	3
13BJ1A0526	RT31052	DATA COMMUNICATION	22	30	3
13BJ1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	36	3
13BJ1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	21	30	3
13BJ1A0526	RT31055	OPERATING SYSTEMS	19	39	3
13BJ1A0526	RT31056	COMPILER DESIGN LAB	23	45	2
13BJ1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	50	2
13BJ1A0526	RT31059	SEMINAR	48	0	1
13BJ1A0527	RT31051	COMPILER DESIGN	25	41	3
13BJ1A0527	RT31052	DATA COMMUNICATION	24	10	0
13BJ1A0527	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	28	3
13BJ1A0527	RT31054	DATABASE MANAGEMENT SYSTEMS	22	38	3
13BJ1A0527	RT31055	OPERATING SYSTEMS	22	57	3
13BJ1A0527	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0527	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
13BJ1A0527	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0527	RT31059	SEMINAR	48	0	1
13BJ1A0528	RT31051	COMPILER DESIGN	20	3	0
13BJ1A0528	RT31052	DATA COMMUNICATION	15	7	0
13BJ1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	0	0
13BJ1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	15	-1	0
13BJ1A0528	RT31055	OPERATING SYSTEMS	16	0	0
13BJ1A0528	RT31056	COMPILER DESIGN LAB	18	40	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	-1	0
13BJ1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	-1	0
13BJ1A0528	RT31059	SEMINAR	37	0	1
13BJ1A0530	RT31051	COMPILER DESIGN	17	0	0
13BJ1A0530	RT31052	DATA COMMUNICATION	18	29	3
13BJ1A0530	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	6	0
13BJ1A0530	RT31054	DATABASE MANAGEMENT SYSTEMS	17	3	0
13BJ1A0530	RT31055	OPERATING SYSTEMS	18	18	0
13BJ1A0530	RT31056	COMPILER DESIGN LAB	21	40	2
13BJ1A0530	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
13BJ1A0530	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0530	RT31059	SEMINAR	35	0	1
13BJ1A0533	RT31051	COMPILER DESIGN	20	25	3
13BJ1A0533	RT31052	DATA COMMUNICATION	22	7	0
13BJ1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	4	0
13BJ1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	18	12	0
13BJ1A0533	RT31055	OPERATING SYSTEMS	16	26	3
13BJ1A0533	RT31056	COMPILER DESIGN LAB	23	48	2
13BJ1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0533	RT31059	SEMINAR	49	0	1
13BJ1A0534	RT31051	COMPILER DESIGN	27	39	3
13BJ1A0534	RT31052	DATA COMMUNICATION	23	24	3
13BJ1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	-1	0
13BJ1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	24	-1	0
13BJ1A0534	RT31055	OPERATING SYSTEMS	26	46	3
13BJ1A0534	RT31056	COMPILER DESIGN LAB	25	49	2
13BJ1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	49	2
13BJ1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
13BJ1A0534	RT31059	SEMINAR	50	0	1
13BJ1A0535	RT31051	COMPILER DESIGN	20	3	0
13BJ1A0535	RT31052	DATA COMMUNICATION	17	24	3
13BJ1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	2	0
13BJ1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	13	24	0
13BJ1A0535	RT31055	OPERATING SYSTEMS	18	5	0
13BJ1A0535	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0535	RT31059	SEMINAR	46	0	1
13BJ1A0536	RT31051	COMPILER DESIGN	23	1	0
13BJ1A0536	RT31052	DATA COMMUNICATION	21	29	3
13BJ1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	32	3
13BJ1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	24	29	3
13BJ1A0536	RT31055	OPERATING SYSTEMS	22	24	3
13BJ1A0536	RT31056	COMPILER DESIGN LAB	23	48	2
13BJ1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0536	RT31059	SEMINAR	49	0	1
13BJ1A0537	RT31051	COMPILER DESIGN	19	12	0
13BJ1A0537	RT31052	DATA COMMUNICATION	22	4	0
13BJ1A0537	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	14	20	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0537	RT31054	DATABASE MANAGEMENT SYSTEMS	16	2	0
13BJ1A0537	RT31055	OPERATING SYSTEMS	16	8	0
13BJ1A0537	RT31056	COMPILER DESIGN LAB	18	18	2
13BJ1A0537	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	-1	0
13BJ1A0537	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	-1	0
13BJ1A0537	RT31059	SEMINAR	35	0	1
13BJ1A0538	RT31051	COMPILER DESIGN	24	6	0
13BJ1A0538	RT31052	DATA COMMUNICATION	18	0	0
13BJ1A0538	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	10	0
13BJ1A0538	RT31054	DATABASE MANAGEMENT SYSTEMS	16	6	0
13BJ1A0538	RT31055	OPERATING SYSTEMS	17	25	3
13BJ1A0538	RT31056	COMPILER DESIGN LAB	20	45	2
13BJ1A0538	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	-1	0
13BJ1A0538	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	-1	0
13BJ1A0538	RT31059	SEMINAR	47	0	1
13BJ1A0539	RT31051	COMPILER DESIGN	23	31	3
13BJ1A0539	RT31052	DATA COMMUNICATION	22	37	3
13BJ1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	35	3
13BJ1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	21	28	3
13BJ1A0539	RT31055	OPERATING SYSTEMS	20	27	3
13BJ1A0539	RT31056	COMPILER DESIGN LAB	24	49	2
13BJ1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
13BJ1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13BJ1A0539	RT31059	SEMINAR	49	0	1
13BJ1A0540	RT31051	COMPILER DESIGN	22	4	0
13BJ1A0540	RT31052	DATA COMMUNICATION	21	29	3
13BJ1A0540	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	33	3
13BJ1A0540	RT31054	DATABASE MANAGEMENT SYSTEMS	23	38	3
13BJ1A0540	RT31055	OPERATING SYSTEMS	20	30	3
13BJ1A0540	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0540	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0540	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13BJ1A0540	RT31059	SEMINAR	49	0	1
13BJ1A0541	RT31051	COMPILER DESIGN	25	25	3
13BJ1A0541	RT31052	DATA COMMUNICATION	23	24	3
13BJ1A0541	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	39	3
13BJ1A0541	RT31054	DATABASE MANAGEMENT SYSTEMS	23	28	3
13BJ1A0541	RT31055	OPERATING SYSTEMS	23	44	3
13BJ1A0541	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0541	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
13BJ1A0541	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
13BJ1A0541	RT31059	SEMINAR	48	0	1
13BJ1A0543	RT31051	COMPILER DESIGN	20	30	3
13BJ1A0543	RT31052	DATA COMMUNICATION	20	7	0
13BJ1A0543	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	26	3
13BJ1A0543	RT31054	DATABASE MANAGEMENT SYSTEMS	19	26	3
13BJ1A0543	RT31055	OPERATING SYSTEMS	18	47	3
13BJ1A0543	RT31056	COMPILER DESIGN LAB	24	48	2
13BJ1A0543	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0543	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A0543	RT31059	SEMINAR	49	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0544	RT31051	COMPILER DESIGN	22	37	3
13BJ1A0544	RT31052	DATA COMMUNICATION	22	29	3
13BJ1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	29	3
13BJ1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	19	47	3
13BJ1A0544	RT31055	OPERATING SYSTEMS	17	28	3
13BJ1A0544	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0544	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
13BJ1A0544	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13BJ1A0544	RT31059	SEMINAR	49	0	1
13BJ1A0545	RT31051	COMPILER DESIGN	19	5	0
13BJ1A0545	RT31052	DATA COMMUNICATION	20	34	3
13BJ1A0545	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	38	3
13BJ1A0545	RT31054	DATABASE MANAGEMENT SYSTEMS	21	28	3
13BJ1A0545	RT31055	OPERATING SYSTEMS	18	28	3
13BJ1A0545	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0545	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0545	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
13BJ1A0545	RT31059	SEMINAR	48	0	1
13BJ1A0546	RT31051	COMPILER DESIGN	20	16	0
13BJ1A0546	RT31052	DATA COMMUNICATION	19	10	0
13BJ1A0546	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	13	0
13BJ1A0546	RT31054	DATABASE MANAGEMENT SYSTEMS	18	10	0
13BJ1A0546	RT31055	OPERATING SYSTEMS	18	14	0
13BJ1A0546	RT31056	COMPILER DESIGN LAB	23	45	2
13BJ1A0546	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0546	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A0546	RT31059	SEMINAR	48	0	1
13BJ1A0547	RT31051	COMPILER DESIGN	20	11	0
13BJ1A0547	RT31052	DATA COMMUNICATION	19	3	0
13BJ1A0547	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	8	0
13BJ1A0547	RT31054	DATABASE MANAGEMENT SYSTEMS	17	28	3
13BJ1A0547	RT31055	OPERATING SYSTEMS	16	38	3
13BJ1A0547	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0547	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0547	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0547	RT31059	SEMINAR	47	0	1
13BJ1A0548	RT31051	COMPILER DESIGN	23	3	0
13BJ1A0548	RT31052	DATA COMMUNICATION	21	12	0
13BJ1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	10	0
13BJ1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	15	11	0
13BJ1A0548	RT31055	OPERATING SYSTEMS	16	15	0
13BJ1A0548	RT31056	COMPILER DESIGN LAB	20	43	2
13BJ1A0548	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0548	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13BJ1A0548	RT31059	SEMINAR	44	0	1
13BJ1A0549	RT31051	COMPILER DESIGN	21	0	0
13BJ1A0549	RT31052	DATA COMMUNICATION	20	36	3
13BJ1A0549	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	39	3
13BJ1A0549	RT31054	DATABASE MANAGEMENT SYSTEMS	16	4	0
13BJ1A0549	RT31055	OPERATING SYSTEMS	17	27	3
13BJ1A0549	RT31056	COMPILER DESIGN LAB	21	45	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0549	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0549	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13BJ1A0549	RT31059	SEMINAR	48	0	1
13BJ1A0550	RT31051	COMPILER DESIGN	22	18	0
13BJ1A0550	RT31052	DATA COMMUNICATION	22	24	3
13BJ1A0550	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	31	3
13BJ1A0550	RT31054	DATABASE MANAGEMENT SYSTEMS	17	12	0
13BJ1A0550	RT31055	OPERATING SYSTEMS	18	24	3
13BJ1A0550	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A0550	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0550	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13BJ1A0550	RT31059	SEMINAR	49	0	1
13BJ1A0554	RT31051	COMPILER DESIGN	21	15	0
13BJ1A0554	RT31052	DATA COMMUNICATION	21	3	0
13BJ1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	10	0
13BJ1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	19	26	3
13BJ1A0554	RT31055	OPERATING SYSTEMS	16	38	3
13BJ1A0554	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0554	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0554	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13BJ1A0554	RT31059	SEMINAR	48	0	1
13BJ1A0555	RT31051	COMPILER DESIGN	21	3	0
13BJ1A0555	RT31052	DATA COMMUNICATION	17	0	0
13BJ1A0555	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	26	3
13BJ1A0555	RT31054	DATABASE MANAGEMENT SYSTEMS	15	8	0
13BJ1A0555	RT31055	OPERATING SYSTEMS	18	7	0
13BJ1A0555	RT31056	COMPILER DESIGN LAB	21	40	2
13BJ1A0555	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
13BJ1A0555	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13BJ1A0555	RT31059	SEMINAR	46	0	1
13BJ1A0556	RT31051	COMPILER DESIGN	27	35	3
13BJ1A0556	RT31052	DATA COMMUNICATION	25	37	3
13BJ1A0556	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	32	3
13BJ1A0556	RT31054	DATABASE MANAGEMENT SYSTEMS	22	44	3
13BJ1A0556	RT31055	OPERATING SYSTEMS	26	37	3
13BJ1A0556	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0556	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
13BJ1A0556	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13BJ1A0556	RT31059	SEMINAR	50	0	1
13BJ1A0557	RT31051	COMPILER DESIGN	18	2	0
13BJ1A0557	RT31052	DATA COMMUNICATION	17	4	0
13BJ1A0557	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	5	0
13BJ1A0557	RT31054	DATABASE MANAGEMENT SYSTEMS	20	4	0
13BJ1A0557	RT31055	OPERATING SYSTEMS	17	3	0
13BJ1A0557	RT31056	COMPILER DESIGN LAB	19	-1	0
13BJ1A0557	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	-1	0
13BJ1A0557	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	-1	0
13BJ1A0557	RT31059	SEMINAR	40	0	1
13BJ1A0558	RT31051	COMPILER DESIGN	22	1	0
13BJ1A0558	RT31052	DATA COMMUNICATION	20	0	0
13BJ1A0558	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0558	RT31054	DATABASE MANAGEMENT SYSTEMS	21	5	0
13BJ1A0558	RT31055	OPERATING SYSTEMS	17	11	0
13BJ1A0558	RT31056	COMPILER DESIGN LAB	21	40	2
13BJ1A0558	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
13BJ1A0558	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	-1	0
13BJ1A0558	RT31059	SEMINAR	46	0	1
13BJ1A0559	RT31051	COMPILER DESIGN	19	1	0
13BJ1A0559	RT31052	DATA COMMUNICATION	19	6	0
13BJ1A0559	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	16	0
13BJ1A0559	RT31054	DATABASE MANAGEMENT SYSTEMS	17	4	0
13BJ1A0559	RT31055	OPERATING SYSTEMS	16	0	0
13BJ1A0559	RT31056	COMPILER DESIGN LAB	20	-1	0
13BJ1A0559	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
13BJ1A0559	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	-1	0
13BJ1A0559	RT31059	SEMINAR	40	0	1
13BJ1A0560	RT31051	COMPILER DESIGN	23	2	0
13BJ1A0560	RT31052	DATA COMMUNICATION	22	27	3
13BJ1A0560	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	30	3
13BJ1A0560	RT31054	DATABASE MANAGEMENT SYSTEMS	16	29	3
13BJ1A0560	RT31055	OPERATING SYSTEMS	16	27	3
13BJ1A0560	RT31056	COMPILER DESIGN LAB	24	48	2
13BJ1A0560	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
13BJ1A0560	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0560	RT31059	SEMINAR	49	0	1
13BJ1A0561	RT31051	COMPILER DESIGN	19	25	3
13BJ1A0561	RT31052	DATA COMMUNICATION	20	16	0
13BJ1A0561	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	29	3
13BJ1A0561	RT31054	DATABASE MANAGEMENT SYSTEMS	16	24	3
13BJ1A0561	RT31055	OPERATING SYSTEMS	21	16	0
13BJ1A0561	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0561	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0561	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13BJ1A0561	RT31059	SEMINAR	45	0	1
13BJ1A0562	RT31051	COMPILER DESIGN	24	34	3
13BJ1A0562	RT31052	DATA COMMUNICATION	22	9	0
13BJ1A0562	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	34	3
13BJ1A0562	RT31054	DATABASE MANAGEMENT SYSTEMS	19	37	3
13BJ1A0562	RT31055	OPERATING SYSTEMS	21	52	3
13BJ1A0562	RT31056	COMPILER DESIGN LAB	25	49	2
13BJ1A0562	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
13BJ1A0562	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
13BJ1A0562	RT31059	SEMINAR	49	0	1
13BJ1A0563	RT31051	COMPILER DESIGN	27	35	3
13BJ1A0563	RT31052	DATA COMMUNICATION	24	30	3
13BJ1A0563	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	33	3
13BJ1A0563	RT31054	DATABASE MANAGEMENT SYSTEMS	19	42	3
13BJ1A0563	RT31055	OPERATING SYSTEMS	22	35	3
13BJ1A0563	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0563	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
13BJ1A0563	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	49	2
13BJ1A0563	RT31059	SEMINAR	49	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0564	RT31051	COMPILER DESIGN	23	13	0
13BJ1A0564	RT31052	DATA COMMUNICATION	24	24	3
13BJ1A0564	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	30	3
13BJ1A0564	RT31054	DATABASE MANAGEMENT SYSTEMS	18	11	0
13BJ1A0564	RT31055	OPERATING SYSTEMS	20	35	3
13BJ1A0564	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0564	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
13BJ1A0564	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13BJ1A0564	RT31059	SEMINAR	47	0	1
13BJ1A0565	RT31051	COMPILER DESIGN	23	24	3
13BJ1A0565	RT31052	DATA COMMUNICATION	23	29	3
13BJ1A0565	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
13BJ1A0565	RT31054	DATABASE MANAGEMENT SYSTEMS	23	27	3
13BJ1A0565	RT31055	OPERATING SYSTEMS	19	30	3
13BJ1A0565	RT31056	COMPILER DESIGN LAB	22	49	2
13BJ1A0565	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
13BJ1A0565	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13BJ1A0565	RT31059	SEMINAR	49	0	1
13BJ1A0566	RT31051	COMPILER DESIGN	19	29	3
13BJ1A0566	RT31052	DATA COMMUNICATION	24	9	0
13BJ1A0566	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	29	3
13BJ1A0566	RT31054	DATABASE MANAGEMENT SYSTEMS	21	31	3
13BJ1A0566	RT31055	OPERATING SYSTEMS	18	32	3
13BJ1A0566	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0566	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0566	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
13BJ1A0566	RT31059	SEMINAR	47	0	1
13BJ1A0567	RT31051	COMPILER DESIGN	23	11	0
13BJ1A0567	RT31052	DATA COMMUNICATION	21	30	3
13BJ1A0567	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	48	3
13BJ1A0567	RT31054	DATABASE MANAGEMENT SYSTEMS	23	33	3
13BJ1A0567	RT31055	OPERATING SYSTEMS	20	11	0
13BJ1A0567	RT31056	COMPILER DESIGN LAB	24	48	2
13BJ1A0567	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
13BJ1A0567	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13BJ1A0567	RT31059	SEMINAR	49	0	1
13BJ1A0568	RT31051	COMPILER DESIGN	24	39	3
13BJ1A0568	RT31052	DATA COMMUNICATION	22	24	3
13BJ1A0568	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	34	3
13BJ1A0568	RT31054	DATABASE MANAGEMENT SYSTEMS	24	39	3
13BJ1A0568	RT31055	OPERATING SYSTEMS	24	37	3
13BJ1A0568	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0568	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
13BJ1A0568	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	50	2
13BJ1A0568	RT31059	SEMINAR	50	0	1
13BJ1A0569	RT31051	COMPILER DESIGN	21	12	0
13BJ1A0569	RT31052	DATA COMMUNICATION	19	4	0
13BJ1A0569	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	33	3
13BJ1A0569	RT31054	DATABASE MANAGEMENT SYSTEMS	15	16	0
13BJ1A0569	RT31055	OPERATING SYSTEMS	16	16	0
13BJ1A0569	RT31056	COMPILER DESIGN LAB	23	46	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0569	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0569	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0569	RT31059	SEMINAR	47	0	1
13BJ1A0570	RT31051	COMPILER DESIGN	23	27	3
13BJ1A0570	RT31052	DATA COMMUNICATION	23	24	3
13BJ1A0570	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	14	0
13BJ1A0570	RT31054	DATABASE MANAGEMENT SYSTEMS	17	31	3
13BJ1A0570	RT31055	OPERATING SYSTEMS	22	32	3
13BJ1A0570	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0570	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0570	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	47	2
13BJ1A0570	RT31059	SEMINAR	46	0	1
13BJ1A0571	RT31051	COMPILER DESIGN	20	9	0
13BJ1A0571	RT31052	DATA COMMUNICATION	22	32	3
13BJ1A0571	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	13	0
13BJ1A0571	RT31054	DATABASE MANAGEMENT SYSTEMS	18	26	3
13BJ1A0571	RT31055	OPERATING SYSTEMS	17	24	3
13BJ1A0571	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0571	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0571	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13BJ1A0571	RT31059	SEMINAR	47	0	1
13BJ1A0573	RT31051	COMPILER DESIGN	21	10	0
13BJ1A0573	RT31052	DATA COMMUNICATION	16	40	3
13BJ1A0573	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	29	3
13BJ1A0573	RT31054	DATABASE MANAGEMENT SYSTEMS	17	29	3
13BJ1A0573	RT31055	OPERATING SYSTEMS	17	31	3
13BJ1A0573	RT31056	COMPILER DESIGN LAB	22	47	2
13BJ1A0573	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13BJ1A0573	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13BJ1A0573	RT31059	SEMINAR	46	0	1
13BJ1A0575	RT31051	COMPILER DESIGN	22	24	3
13BJ1A0575	RT31052	DATA COMMUNICATION	21	42	3
13BJ1A0575	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	27	3
13BJ1A0575	RT31054	DATABASE MANAGEMENT SYSTEMS	22	24	3
13BJ1A0575	RT31055	OPERATING SYSTEMS	20	34	3
13BJ1A0575	RT31056	COMPILER DESIGN LAB	23	49	2
13BJ1A0575	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
13BJ1A0575	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
13BJ1A0575	RT31059	SEMINAR	49	0	1
13BJ1A0576	RT31051	COMPILER DESIGN	18	12	0
13BJ1A0576	RT31052	DATA COMMUNICATION	20	2	0
13BJ1A0576	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	25	3
13BJ1A0576	RT31054	DATABASE MANAGEMENT SYSTEMS	14	17	0
13BJ1A0576	RT31055	OPERATING SYSTEMS	18	17	0
13BJ1A0576	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0576	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0576	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13BJ1A0576	RT31059	SEMINAR	46	0	1
13BJ1A0578	RT31051	COMPILER DESIGN	22	11	0
13BJ1A0578	RT31052	DATA COMMUNICATION	23	24	3
13BJ1A0578	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	26	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0578	RT31054	DATABASE MANAGEMENT SYSTEMS	15	15	0
13BJ1A0578	RT31055	OPERATING SYSTEMS	21	7	0
13BJ1A0578	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0578	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0578	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0578	RT31059	SEMINAR	46	0	1
13BJ1A0580	RT31051	COMPILER DESIGN	22	6	0
13BJ1A0580	RT31052	DATA COMMUNICATION	23	34	3
13BJ1A0580	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	35	3
13BJ1A0580	RT31054	DATABASE MANAGEMENT SYSTEMS	20	30	3
13BJ1A0580	RT31055	OPERATING SYSTEMS	17	34	3
13BJ1A0580	RT31056	COMPILER DESIGN LAB	23	46	2
13BJ1A0580	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
13BJ1A0580	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13BJ1A0580	RT31059	SEMINAR	49	0	1
13BJ1A0581	RT31051	COMPILER DESIGN	20	16	0
13BJ1A0581	RT31052	DATA COMMUNICATION	18	11	0
13BJ1A0581	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	19	0
13BJ1A0581	RT31054	DATABASE MANAGEMENT SYSTEMS	16	10	0
13BJ1A0581	RT31055	OPERATING SYSTEMS	17	17	0
13BJ1A0581	RT31056	COMPILER DESIGN LAB	21	40	2
13BJ1A0581	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
13BJ1A0581	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13BJ1A0581	RT31059	SEMINAR	40	0	1
13BJ1A0582	RT31051	COMPILER DESIGN	24	12	0
13BJ1A0582	RT31052	DATA COMMUNICATION	19	1	0
13BJ1A0582	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	24	3
13BJ1A0582	RT31054	DATABASE MANAGEMENT SYSTEMS	16	24	3
13BJ1A0582	RT31055	OPERATING SYSTEMS	16	24	3
13BJ1A0582	RT31056	COMPILER DESIGN LAB	24	48	2
13BJ1A0582	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0582	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
13BJ1A0582	RT31059	SEMINAR	48	0	1
13BJ1A0583	RT31051	COMPILER DESIGN	21	57	3
13BJ1A0583	RT31052	DATA COMMUNICATION	23	35	3
13BJ1A0583	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	62	3
13BJ1A0583	RT31054	DATABASE MANAGEMENT SYSTEMS	23	41	3
13BJ1A0583	RT31055	OPERATING SYSTEMS	23	50	3
13BJ1A0583	RT31056	COMPILER DESIGN LAB	25	50	2
13BJ1A0583	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	49	2
13BJ1A0583	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13BJ1A0583	RT31059	SEMINAR	50	0	1
13BJ1A0584	RT31051	COMPILER DESIGN	24	24	3
13BJ1A0584	RT31052	DATA COMMUNICATION	20	44	3
13BJ1A0584	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	33	3
13BJ1A0584	RT31054	DATABASE MANAGEMENT SYSTEMS	21	50	3
13BJ1A0584	RT31055	OPERATING SYSTEMS	18	28	3
13BJ1A0584	RT31056	COMPILER DESIGN LAB	24	48	2
13BJ1A0584	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0584	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	50	2
13BJ1A0584	RT31059	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0585	RT31051	COMPILER DESIGN	24	33	3
13BJ1A0585	RT31052	DATA COMMUNICATION	26	58	3
13BJ1A0585	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	29	3
13BJ1A0585	RT31054	DATABASE MANAGEMENT SYSTEMS	22	28	3
13BJ1A0585	RT31055	OPERATING SYSTEMS	20	39	3
13BJ1A0585	RT31056	COMPILER DESIGN LAB	23	50	2
13BJ1A0585	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	49	2
13BJ1A0585	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	50	2
13BJ1A0585	RT31059	SEMINAR	49	0	1
13BJ1A0586	RT31051	COMPILER DESIGN	21	8	0
13BJ1A0586	RT31052	DATA COMMUNICATION	17	9	0
13BJ1A0586	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	9	0
13BJ1A0586	RT31054	DATABASE MANAGEMENT SYSTEMS	16	25	3
13BJ1A0586	RT31055	OPERATING SYSTEMS	17	13	0
13BJ1A0586	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0586	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
13BJ1A0586	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
13BJ1A0586	RT31059	SEMINAR	46	0	1
13BJ1A0587	RT31051	COMPILER DESIGN	20	13	0
13BJ1A0587	RT31052	DATA COMMUNICATION	23	35	3
13BJ1A0587	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	36	3
13BJ1A0587	RT31054	DATABASE MANAGEMENT SYSTEMS	19	29	3
13BJ1A0587	RT31055	OPERATING SYSTEMS	21	27	3
13BJ1A0587	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0587	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0587	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13BJ1A0587	RT31059	SEMINAR	46	0	1
13BJ1A0588	RT31051	COMPILER DESIGN	21	0	0
13BJ1A0588	RT31052	DATA COMMUNICATION	23	27	3
13BJ1A0588	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	28	3
13BJ1A0588	RT31054	DATABASE MANAGEMENT SYSTEMS	15	3	0
13BJ1A0588	RT31055	OPERATING SYSTEMS	22	30	3
13BJ1A0588	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0588	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0588	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A0588	RT31059	SEMINAR	47	0	1
13BJ1A0589	RT31051	COMPILER DESIGN	19	18	0
13BJ1A0589	RT31052	DATA COMMUNICATION	18	26	3
13BJ1A0589	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	39	3
13BJ1A0589	RT31054	DATABASE MANAGEMENT SYSTEMS	15	14	0
13BJ1A0589	RT31055	OPERATING SYSTEMS	20	24	3
13BJ1A0589	RT31056	COMPILER DESIGN LAB	22	45	2
13BJ1A0589	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0589	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
13BJ1A0589	RT31059	SEMINAR	47	0	1
13BJ1A0590	RT31051	COMPILER DESIGN	19	11	0
13BJ1A0590	RT31052	DATA COMMUNICATION	22	5	0
13BJ1A0590	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	24	3
13BJ1A0590	RT31054	DATABASE MANAGEMENT SYSTEMS	19	7	0
13BJ1A0590	RT31055	OPERATING SYSTEMS	15	13	0
13BJ1A0590	RT31056	COMPILER DESIGN LAB	23	47	2

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0590	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0590	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13BJ1A0590	RT31059	SEMINAR	49	0	1
13BJ1A0591	RT31051	COMPILER DESIGN	3	0	0
13BJ1A0591	RT31052	DATA COMMUNICATION	8	4	0
13BJ1A0591	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	15	4	0
13BJ1A0591	RT31054	DATABASE MANAGEMENT SYSTEMS	16	3	0
13BJ1A0591	RT31055	OPERATING SYSTEMS	16	1	0
13BJ1A0591	RT31056	COMPILER DESIGN LAB	19	40	2
13BJ1A0591	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A0591	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	-1	0
13BJ1A0591	RT31059	SEMINAR	40	0	1
13BJ1A0592	RT31051	COMPILER DESIGN	20	4	0
13BJ1A0592	RT31052	DATA COMMUNICATION	16	14	0
13BJ1A0592	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	12	0
13BJ1A0592	RT31054	DATABASE MANAGEMENT SYSTEMS	18	4	0
13BJ1A0592	RT31055	OPERATING SYSTEMS	18	24	3
13BJ1A0592	RT31056	COMPILER DESIGN LAB	23	40	2
13BJ1A0592	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0592	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	43	2
13BJ1A0592	RT31059	SEMINAR	47	0	1
13BJ1A0593	RT31051	COMPILER DESIGN	17	16	0
13BJ1A0593	RT31052	DATA COMMUNICATION	16	9	0
13BJ1A0593	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	30	3
13BJ1A0593	RT31054	DATABASE MANAGEMENT SYSTEMS	16	9	0
13BJ1A0593	RT31055	OPERATING SYSTEMS	22	12	0
13BJ1A0593	RT31056	COMPILER DESIGN LAB	21	46	2
13BJ1A0593	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
13BJ1A0593	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13BJ1A0593	RT31059	SEMINAR	47	0	1
13BJ1A0594	RT31051	COMPILER DESIGN	18	0	0
13BJ1A0594	RT31052	DATA COMMUNICATION	6	13	0
13BJ1A0594	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	24	3
13BJ1A0594	RT31054	DATABASE MANAGEMENT SYSTEMS	16	2	0
13BJ1A0594	RT31055	OPERATING SYSTEMS	15	16	0
13BJ1A0594	RT31056	COMPILER DESIGN LAB	19	40	2
13BJ1A0594	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13BJ1A0594	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13BJ1A0594	RT31059	SEMINAR	40	0	1
13BJ1A0595	RT31051	COMPILER DESIGN	20	0	0
13BJ1A0595	RT31052	DATA COMMUNICATION	18	0	0
13BJ1A0595	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	4	0
13BJ1A0595	RT31054	DATABASE MANAGEMENT SYSTEMS	16	4	0
13BJ1A0595	RT31055	OPERATING SYSTEMS	18	6	0
13BJ1A0595	RT31056	COMPILER DESIGN LAB	22	46	2
13BJ1A0595	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0595	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13BJ1A0595	RT31059	SEMINAR	46	0	1
13BJ1A0598	RT31051	COMPILER DESIGN	18	12	0
13BJ1A0598	RT31052	DATA COMMUNICATION	22	24	3
13BJ1A0598	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	24	3

Htno	Subcode	Subname	Internal	External	credits
13BJ1A0598	RT31054	DATABASE MANAGEMENT SYSTEMS	20	24	3
13BJ1A0598	RT31055	OPERATING SYSTEMS	20	32	3
13BJ1A0598	RT31056	COMPILER DESIGN LAB	24	46	2
13BJ1A0598	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13BJ1A0598	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13BJ1A0598	RT31059	SEMINAR	49	0	1
13BJ1A0599	RT31051	COMPILER DESIGN	26	24	3
13BJ1A0599	RT31052	DATA COMMUNICATION	21	15	0
13BJ1A0599	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	37	3
13BJ1A0599	RT31054	DATABASE MANAGEMENT SYSTEMS	24	24	3
13BJ1A0599	RT31055	OPERATING SYSTEMS	19	26	3
13BJ1A0599	RT31056	COMPILER DESIGN LAB	24	47	2
13BJ1A0599	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	42	2
13BJ1A0599	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13BJ1A0599	RT31059	SEMINAR	49	0	1
13BJ1A05A0	RT31051	COMPILER DESIGN	22	33	3
13BJ1A05A0	RT31052	DATA COMMUNICATION	21	6	0
13BJ1A05A0	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
13BJ1A05A0	RT31054	DATABASE MANAGEMENT SYSTEMS	22	27	3
13BJ1A05A0	RT31055	OPERATING SYSTEMS	15	15	0
13BJ1A05A0	RT31056	COMPILER DESIGN LAB	21	45	2
13BJ1A05A0	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13BJ1A05A0	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13BJ1A05A0	RT31059	SEMINAR	48	0	1
13BJ1A05A1	RT31051	COMPILER DESIGN	20	1	0
13BJ1A05A1	RT31052	DATA COMMUNICATION	14	0	0
13BJ1A05A1	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	28	3
13BJ1A05A1	RT31054	DATABASE MANAGEMENT SYSTEMS	16	7	0
13BJ1A05A1	RT31055	OPERATING SYSTEMS	18	10	0
13BJ1A05A1	RT31056	COMPILER DESIGN LAB	20	40	2
13BJ1A05A1	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
13BJ1A05A1	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13BJ1A05A1	RT31059	SEMINAR	35	0	1
13BJ5A0202	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	24	1	0
13BJ5A0202	R31023	POWER SYSTEMS-II	19	10	0
13BJ5A0202	R31025	ELECTRICAL MACHINES-III	18	0	0
13BJ5A0202	R31026	LINEAR & DIGITAL IC APPLICATION	15	8	0
13BJ5A0205	R31026	LINEAR & DIGITAL IC APPLICATION	16	31	4
13BJ5A0207	R31026	LINEAR & DIGITAL IC APPLICATION	15	37	4
13BJ5A0208	R31022	ELECTRICAL MEASUREMENT	16	2	0
13BJ5A0208	R31026	LINEAR & DIGITAL IC APPLICATION	11	31	4
13BJ5A0209	R31022	ELECTRICAL MEASUREMENT	15	8	0
13BJ5A0209	R31024	POWER ELECTRONICS	18	11	0
13BJ5A0304	R31031	FINITE ELEMENT METHODS	7	2	0
13BJ5A0304	R31033	DYNAMICS OF MACHINERY	12	2	0
13BJ5A0304	R31034	THERMAL ENGINEERING-II	2	17	0
13BJ5A0304	R31035	DESIGN OF MACHINE MEMBERS-I	3	26	0
13BJ5A0304	R31036	METAL CUTTING & MACHINE TOOLS	13	26	0
13BJ5A0305	R31032	OPERATIONS RESEARCH	6	11	0
13BJ5A0305	R31036	METAL CUTTING & MACHINE TOOLS	16	19	0
13BJ5A0306	R31032	OPERATIONS RESEARCH	5	-1	0

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0306	R31033	DYNAMICS OF MACHINERY	12	1	0
13BJ5A0308	R31031	FINITE ELEMENT METHODS	20	13	0
13BJ5A0309	R31033	DYNAMICS OF MACHINERY	12	-1	0
13BJ5A0309	R31034	THERMAL ENGINEERING-II	3	-1	0
13BJ5A0309	R31036	METAL CUTTING & MACHINE TOOLS	14	-1	0
13BJ5A0404	R31045	ANTENNAS AND WAVE PROPAGATION	24	33	4
13BJ5A0405	R31043	LINEAR IC APPLICATIONS	19	17	0
13BJ5A0406	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	34	4
13BJ5A0406	R31045	ANTENNAS AND WAVE PROPAGATION	23	41	4
13BJ5A0407	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	-1	0
13BJ5A0407	R31042	DIGITAL IC APPLICATIONS	13	8	0
13BJ5A0407	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	20	37	4
13BJ5A0408	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	37	4
13BJ5A0409	R31042	DIGITAL IC APPLICATIONS	21	6	0
13BJ5A0409	R31043	LINEAR IC APPLICATIONS	23	9	0
13BJ5A0409	R31045	ANTENNAS AND WAVE PROPAGATION	23	37	4
13BJ5A0410	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	16	0
13BJ5A0410	R31042	DIGITAL IC APPLICATIONS	19	6	0
13BJ5A0410	R31043	LINEAR IC APPLICATIONS	14	8	0
13BJ5A0410	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	14	26	4
13BJ5A0410	R31045	ANTENNAS AND WAVE PROPAGATION	18	34	4
13BJ5A0411	R31042	DIGITAL IC APPLICATIONS	20	10	0
13BJ5A0411	R31043	LINEAR IC APPLICATIONS	23	7	0
13BJ5A0502	R31051	COMPILER DESIGN	13	18	0
13BJ5A0502	R31054	COMPUTER GRAPHICS	4	15	0
13BJ5A0503	R31054	COMPUTER GRAPHICS	18	2	0
14BJ5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	25	36	3
14BJ5A0101	RT31012	STRUCTURAL ANALYSIS-II	24	37	3
14BJ5A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	8	0
14BJ5A0101	RT31014	ENGINEERING GEOLOGY	21	51	3
14BJ5A0101	RT31015	TRANSPORTATION ENGINEERING-I	23	40	3
14BJ5A0101	RT31016	IPR & PATENTS	20	48	2
14BJ5A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	24	45	2
14BJ5A0101	RT31018	ENGINEERING GEOLOGY LAB	25	46	2
14BJ5A0102	RT31011	GEOTECHNICAL ENGINEERING-I	22	57	3
14BJ5A0102	RT31012	STRUCTURAL ANALYSIS-II	23	37	3
14BJ5A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	45	3
14BJ5A0102	RT31014	ENGINEERING GEOLOGY	24	57	3
14BJ5A0102	RT31015	TRANSPORTATION ENGINEERING-I	24	52	3
14BJ5A0102	RT31016	IPR & PATENTS	27	47	2
14BJ5A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	24	46	2
14BJ5A0102	RT31018	ENGINEERING GEOLOGY LAB	25	47	2
14BJ5A0103	RT31011	GEOTECHNICAL ENGINEERING-I	24	30	3
14BJ5A0103	RT31012	STRUCTURAL ANALYSIS-II	26	47	3
14BJ5A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	39	3
14BJ5A0103	RT31014	ENGINEERING GEOLOGY	24	45	3
14BJ5A0103	RT31015	TRANSPORTATION ENGINEERING-I	23	35	3
14BJ5A0103	RT31016	IPR & PATENTS	26	30	2
14BJ5A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	24	47	2
14BJ5A0103	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
14BJ5A0104	RT31011	GEOTECHNICAL ENGINEERING-I	22	11	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0104	RT31012	STRUCTURAL ANALYSIS-II	22	29	3
14BJ5A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	25	3
14BJ5A0104	RT31014	ENGINEERING GEOLOGY	23	33	3
14BJ5A0104	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
14BJ5A0104	RT31016	IPR & PATENTS	20	33	2
14BJ5A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
14BJ5A0104	RT31018	ENGINEERING GEOLOGY LAB	24	46	2
14BJ5A0106	RT31011	GEOTECHNICAL ENGINEERING-I	25	45	3
14BJ5A0106	RT31012	STRUCTURAL ANALYSIS-II	23	28	3
14BJ5A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	30	3
14BJ5A0106	RT31014	ENGINEERING GEOLOGY	26	39	3
14BJ5A0106	RT31015	TRANSPORTATION ENGINEERING-I	22	28	3
14BJ5A0106	RT31016	IPR & PATENTS	27	37	2
14BJ5A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
14BJ5A0106	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
14BJ5A0107	RT31011	GEOTECHNICAL ENGINEERING-I	22	25	3
14BJ5A0107	RT31012	STRUCTURAL ANALYSIS-II	23	28	3
14BJ5A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	14	0
14BJ5A0107	RT31014	ENGINEERING GEOLOGY	26	25	3
14BJ5A0107	RT31015	TRANSPORTATION ENGINEERING-I	24	44	3
14BJ5A0107	RT31016	IPR & PATENTS	22	28	2
14BJ5A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
14BJ5A0107	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
14BJ5A0201	RT31016	IPR & PATENTS	25	43	2
14BJ5A0201	RT31021	ELECTRICAL MEASUREMENTS	26	13	0
14BJ5A0201	RT31022	MEFA	24	36	3
14BJ5A0201	RT31023	POWER SYSTEMS-II	27	45	3
14BJ5A0201	RT31024	ELECTRICAL MACHINES-III	24	39	3
14BJ5A0201	RT31025	POWER ELECTRONICS	24	39	3
14BJ5A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	33	3
14BJ5A0201	RT31027	ELECTRICAL MACHINES-II LAB	25	49	2
14BJ5A0201	RT31028	CONTROL SYSTEMS LAB	25	48	2
14BJ5A0202	RT31016	IPR & PATENTS	17	-1	0
14BJ5A0202	RT31021	ELECTRICAL MEASUREMENTS	15	-1	0
14BJ5A0202	RT31022	MEFA	17	-1	0
14BJ5A0202	RT31023	POWER SYSTEMS-II	17	-1	0
14BJ5A0202	RT31024	ELECTRICAL MACHINES-III	17	-1	0
14BJ5A0202	RT31025	POWER ELECTRONICS	17	-1	0
14BJ5A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	-1	0
14BJ5A0202	RT31027	ELECTRICAL MACHINES-II LAB	15	-1	0
14BJ5A0202	RT31028	CONTROL SYSTEMS LAB	15	-1	0
14BJ5A0203	RT31016	IPR & PATENTS	22	24	2
14BJ5A0203	RT31021	ELECTRICAL MEASUREMENTS	22	26	3
14BJ5A0203	RT31022	MEFA	21	24	3
14BJ5A0203	RT31023	POWER SYSTEMS-II	22	6	0
14BJ5A0203	RT31024	ELECTRICAL MACHINES-III	23	9	0
14BJ5A0203	RT31025	POWER ELECTRONICS	24	19	0
14BJ5A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	11	0
14BJ5A0203	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
14BJ5A0203	RT31028	CONTROL SYSTEMS LAB	16	44	2
14BJ5A0204	RT31016	IPR & PATENTS	0	12	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0204	RT31021	ELECTRICAL MEASUREMENTS	19	26	3
14BJ5A0204	RT31022	MEFA	18	11	0
14BJ5A0204	RT31023	POWER SYSTEMS-II	17	6	0
14BJ5A0204	RT31024	ELECTRICAL MACHINES-III	18	2	0
14BJ5A0204	RT31025	POWER ELECTRONICS	15	12	0
14BJ5A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	12	0
14BJ5A0204	RT31027	ELECTRICAL MACHINES-II LAB	17	32	2
14BJ5A0204	RT31028	CONTROL SYSTEMS LAB	15	36	2
14BJ5A0205	RT31016	IPR & PATENTS	23	49	2
14BJ5A0205	RT31021	ELECTRICAL MEASUREMENTS	25	28	3
14BJ5A0205	RT31022	MEFA	22	38	3
14BJ5A0205	RT31023	POWER SYSTEMS-II	25	43	3
14BJ5A0205	RT31024	ELECTRICAL MACHINES-III	24	38	3
14BJ5A0205	RT31025	POWER ELECTRONICS	24	36	3
14BJ5A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	33	3
14BJ5A0205	RT31027	ELECTRICAL MACHINES-II LAB	20	45	2
14BJ5A0205	RT31028	CONTROL SYSTEMS LAB	22	44	2
14BJ5A0207	RT31016	IPR & PATENTS	22	37	2
14BJ5A0207	RT31021	ELECTRICAL MEASUREMENTS	24	24	3
14BJ5A0207	RT31022	MEFA	19	24	3
14BJ5A0207	RT31023	POWER SYSTEMS-II	26	24	3
14BJ5A0207	RT31024	ELECTRICAL MACHINES-III	24	41	3
14BJ5A0207	RT31025	POWER ELECTRONICS	23	36	3
14BJ5A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	33	3
14BJ5A0207	RT31027	ELECTRICAL MACHINES-II LAB	22	46	2
14BJ5A0207	RT31028	CONTROL SYSTEMS LAB	18	46	2
14BJ5A0208	RT31016	IPR & PATENTS	0	-1	0
14BJ5A0208	RT31021	ELECTRICAL MEASUREMENTS	19	-1	0
14BJ5A0208	RT31022	MEFA	18	-1	0
14BJ5A0208	RT31023	POWER SYSTEMS-II	18	-1	0
14BJ5A0208	RT31024	ELECTRICAL MACHINES-III	18	-1	0
14BJ5A0208	RT31025	POWER ELECTRONICS	15	-1	0
14BJ5A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	0	-1	0
14BJ5A0208	RT31027	ELECTRICAL MACHINES-II LAB	17	-1	0
14BJ5A0208	RT31028	CONTROL SYSTEMS LAB	15	-1	0
14BJ5A0209	RT31016	IPR & PATENTS	21	38	2
14BJ5A0209	RT31021	ELECTRICAL MEASUREMENTS	26	29	3
14BJ5A0209	RT31022	MEFA	21	15	0
14BJ5A0209	RT31023	POWER SYSTEMS-II	23	69	3
14BJ5A0209	RT31024	ELECTRICAL MACHINES-III	23	24	3
14BJ5A0209	RT31025	POWER ELECTRONICS	24	34	3
14BJ5A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	32	3
14BJ5A0209	RT31027	ELECTRICAL MACHINES-II LAB	22	46	2
14BJ5A0209	RT31028	CONTROL SYSTEMS LAB	25	45	2
14BJ5A0210	RT31016	IPR & PATENTS	20	39	2
14BJ5A0210	RT31021	ELECTRICAL MEASUREMENTS	23	28	3
14BJ5A0210	RT31022	MEFA	19	25	3
14BJ5A0210	RT31023	POWER SYSTEMS-II	23	30	3
14BJ5A0210	RT31024	ELECTRICAL MACHINES-III	22	28	3
14BJ5A0210	RT31025	POWER ELECTRONICS	24	40	3
14BJ5A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	35	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0210	RT31027	ELECTRICAL MACHINES-II LAB	22	45	2
14BJ5A0210	RT31028	CONTROL SYSTEMS LAB	24	44	2
14BJ5A0211	RT31016	IPR & PATENTS	20	34	2
14BJ5A0211	RT31021	ELECTRICAL MEASUREMENTS	25	11	0
14BJ5A0211	RT31022	MEFA	23	12	0
14BJ5A0211	RT31023	POWER SYSTEMS-II	23	37	3
14BJ5A0211	RT31024	ELECTRICAL MACHINES-III	22	38	3
14BJ5A0211	RT31025	POWER ELECTRONICS	25	39	3
14BJ5A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	37	3
14BJ5A0211	RT31027	ELECTRICAL MACHINES-II LAB	22	46	2
14BJ5A0211	RT31028	CONTROL SYSTEMS LAB	20	44	2
14BJ5A0213	RT31016	IPR & PATENTS	21	33	2
14BJ5A0213	RT31021	ELECTRICAL MEASUREMENTS	22	32	3
14BJ5A0213	RT31022	MEFA	22	17	0
14BJ5A0213	RT31023	POWER SYSTEMS-II	26	8	0
14BJ5A0213	RT31024	ELECTRICAL MACHINES-III	22	24	3
14BJ5A0213	RT31025	POWER ELECTRONICS	24	26	3
14BJ5A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	29	3
14BJ5A0213	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
14BJ5A0213	RT31028	CONTROL SYSTEMS LAB	25	42	2
14BJ5A0301	RT31016	IPR & PATENTS	22	40	2
14BJ5A0301	RT31031	DYNAMICS OF MACHINERY	22	49	3
14BJ5A0301	RT31032	METAL CUTTING & MACHINE TOOLS	22	63	3
14BJ5A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	20	54	3
14BJ5A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	49	3
14BJ5A0301	RT31035	THERMAL ENGINEERING-II	24	24	3
14BJ5A0301	RT31036	METROLOGY	23	33	3
14BJ5A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	25	50	2
14BJ5A0301	RT31038	MACHINE TOOLS LAB	25	50	2
14BJ5A0302	RT31016	IPR & PATENTS	15	33	2
14BJ5A0302	RT31031	DYNAMICS OF MACHINERY	18	8	0
14BJ5A0302	RT31032	METAL CUTTING & MACHINE TOOLS	16	32	3
14BJ5A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	15	32	3
14BJ5A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	37	3
14BJ5A0302	RT31035	THERMAL ENGINEERING-II	20	24	3
14BJ5A0302	RT31036	METROLOGY	17	25	3
14BJ5A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	23	40	2
14BJ5A0302	RT31038	MACHINE TOOLS LAB	24	40	2
14BJ5A0303	RT31016	IPR & PATENTS	5	38	2
14BJ5A0303	RT31031	DYNAMICS OF MACHINERY	16	46	3
14BJ5A0303	RT31032	METAL CUTTING & MACHINE TOOLS	15	35	3
14BJ5A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	5	29	0
14BJ5A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	35	3
14BJ5A0303	RT31035	THERMAL ENGINEERING-II	18	40	3
14BJ5A0303	RT31036	METROLOGY	5	35	3
14BJ5A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	17	40	2
14BJ5A0303	RT31038	MACHINE TOOLS LAB	19	40	2
14BJ5A0304	RT31016	IPR & PATENTS	20	41	2
14BJ5A0304	RT31031	DYNAMICS OF MACHINERY	19	49	3
14BJ5A0304	RT31032	METAL CUTTING & MACHINE TOOLS	22	50	3
14BJ5A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	18	30	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	34	3
14BJ5A0304	RT31035	THERMAL ENGINEERING-II	15	43	3
14BJ5A0304	RT31036	METROLOGY	22	42	3
14BJ5A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	25	41	2
14BJ5A0304	RT31038	MACHINE TOOLS LAB	25	41	2
14BJ5A0305	RT31016	IPR & PATENTS	5	-1	0
14BJ5A0305	RT31031	DYNAMICS OF MACHINERY	5	-1	0
14BJ5A0305	RT31032	METAL CUTTING & MACHINE TOOLS	5	-1	0
14BJ5A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
14BJ5A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	-1	0
14BJ5A0305	RT31035	THERMAL ENGINEERING-II	5	-1	0
14BJ5A0305	RT31036	METROLOGY	5	-1	0
14BJ5A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	17	-1	0
14BJ5A0305	RT31038	MACHINE TOOLS LAB	19	-1	0
14BJ5A0306	RT31016	IPR & PATENTS	19	45	2
14BJ5A0306	RT31031	DYNAMICS OF MACHINERY	17	46	3
14BJ5A0306	RT31032	METAL CUTTING & MACHINE TOOLS	18	52	3
14BJ5A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	15	52	3
14BJ5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	53	3
14BJ5A0306	RT31035	THERMAL ENGINEERING-II	23	32	3
14BJ5A0306	RT31036	METROLOGY	22	43	3
14BJ5A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
14BJ5A0306	RT31038	MACHINE TOOLS LAB	22	43	2
14BJ5A0308	RT31016	IPR & PATENTS	19	37	2
14BJ5A0308	RT31031	DYNAMICS OF MACHINERY	14	42	3
14BJ5A0308	RT31032	METAL CUTTING & MACHINE TOOLS	20	25	3
14BJ5A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	14	27	3
14BJ5A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	29	3
14BJ5A0308	RT31035	THERMAL ENGINEERING-II	23	32	3
14BJ5A0308	RT31036	METROLOGY	18	39	3
14BJ5A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	25	38	2
14BJ5A0308	RT31038	MACHINE TOOLS LAB	23	38	2
14BJ5A0309	RT31016	IPR & PATENTS	21	43	2
14BJ5A0309	RT31031	DYNAMICS OF MACHINERY	16	37	3
14BJ5A0309	RT31032	METAL CUTTING & MACHINE TOOLS	21	37	3
14BJ5A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	18	26	3
14BJ5A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	26	3
14BJ5A0309	RT31035	THERMAL ENGINEERING-II	22	38	3
14BJ5A0309	RT31036	METROLOGY	21	39	3
14BJ5A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
14BJ5A0309	RT31038	MACHINE TOOLS LAB	23	43	2
14BJ5A0310	RT31016	IPR & PATENTS	22	41	2
14BJ5A0310	RT31031	DYNAMICS OF MACHINERY	17	38	3
14BJ5A0310	RT31032	METAL CUTTING & MACHINE TOOLS	19	44	3
14BJ5A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	16	25	3
14BJ5A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	47	3
14BJ5A0310	RT31035	THERMAL ENGINEERING-II	23	32	3
14BJ5A0310	RT31036	METROLOGY	17	32	3
14BJ5A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
14BJ5A0310	RT31038	MACHINE TOOLS LAB	22	43	2
14BJ5A0312	RT31016	IPR & PATENTS	22	42	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0312	RT31031	DYNAMICS OF MACHINERY	17	24	3
14BJ5A0312	RT31032	METAL CUTTING & MACHINE TOOLS	18	39	3
14BJ5A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
14BJ5A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	42	3
14BJ5A0312	RT31035	THERMAL ENGINEERING-II	20	24	3
14BJ5A0312	RT31036	METROLOGY	21	24	3
14BJ5A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
14BJ5A0312	RT31038	MACHINE TOOLS LAB	20	44	2
14BJ5A0313	RT31016	IPR & PATENTS	23	39	2
14BJ5A0313	RT31031	DYNAMICS OF MACHINERY	19	37	3
14BJ5A0313	RT31032	METAL CUTTING & MACHINE TOOLS	20	35	3
14BJ5A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	16	37	3
14BJ5A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	38	3
14BJ5A0313	RT31035	THERMAL ENGINEERING-II	21	39	3
14BJ5A0313	RT31036	METROLOGY	21	33	3
14BJ5A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
14BJ5A0313	RT31038	MACHINE TOOLS LAB	22	43	2
14BJ5A0314	RT31016	IPR & PATENTS	17	27	2
14BJ5A0314	RT31031	DYNAMICS OF MACHINERY	19	27	3
14BJ5A0314	RT31032	METAL CUTTING & MACHINE TOOLS	18	34	3
14BJ5A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	16	13	0
14BJ5A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	27	3
14BJ5A0314	RT31035	THERMAL ENGINEERING-II	18	37	3
14BJ5A0314	RT31036	METROLOGY	17	31	3
14BJ5A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
14BJ5A0314	RT31038	MACHINE TOOLS LAB	22	45	2
14BJ5A0315	RT31016	IPR & PATENTS	18	39	2
14BJ5A0315	RT31031	DYNAMICS OF MACHINERY	21	24	3
14BJ5A0315	RT31032	METAL CUTTING & MACHINE TOOLS	22	54	3
14BJ5A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	19	34	3
14BJ5A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	38	3
14BJ5A0315	RT31035	THERMAL ENGINEERING-II	21	29	3
14BJ5A0315	RT31036	METROLOGY	21	32	3
14BJ5A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
14BJ5A0315	RT31038	MACHINE TOOLS LAB	24	45	2
14BJ5A0316	RT31016	IPR & PATENTS	19	41	2
14BJ5A0316	RT31031	DYNAMICS OF MACHINERY	18	24	3
14BJ5A0316	RT31032	METAL CUTTING & MACHINE TOOLS	20	48	3
14BJ5A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	14	29	3
14BJ5A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	31	3
14BJ5A0316	RT31035	THERMAL ENGINEERING-II	20	30	3
14BJ5A0316	RT31036	METROLOGY	20	30	3
14BJ5A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	0	38	2
14BJ5A0316	RT31038	MACHINE TOOLS LAB	23	38	2
14BJ5A0318	RT31016	IPR & PATENTS	22	43	2
14BJ5A0318	RT31031	DYNAMICS OF MACHINERY	19	46	3
14BJ5A0318	RT31032	METAL CUTTING & MACHINE TOOLS	25	53	3
14BJ5A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	14	50	3
14BJ5A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	44	3
14BJ5A0318	RT31035	THERMAL ENGINEERING-II	26	44	3
14BJ5A0318	RT31036	METROLOGY	22	28	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
14BJ5A0318	RT31038	MACHINE TOOLS LAB	25	46	2
14BJ5A0319	RT31016	IPR & PATENTS	18	38	2
14BJ5A0319	RT31031	DYNAMICS OF MACHINERY	21	33	3
14BJ5A0319	RT31032	METAL CUTTING & MACHINE TOOLS	22	47	3
14BJ5A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	15	25	3
14BJ5A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	32	3
14BJ5A0319	RT31035	THERMAL ENGINEERING-II	22	36	3
14BJ5A0319	RT31036	METROLOGY	21	39	3
14BJ5A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	25	42	2
14BJ5A0319	RT31038	MACHINE TOOLS LAB	22	42	2
14BJ5A0320	RT31016	IPR & PATENTS	13	37	2
14BJ5A0320	RT31031	DYNAMICS OF MACHINERY	19	28	3
14BJ5A0320	RT31032	METAL CUTTING & MACHINE TOOLS	16	57	3
14BJ5A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	14	32	3
14BJ5A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	31	3
14BJ5A0320	RT31035	THERMAL ENGINEERING-II	16	29	3
14BJ5A0320	RT31036	METROLOGY	14	11	0
14BJ5A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	22	36	2
14BJ5A0320	RT31038	MACHINE TOOLS LAB	18	36	2
14BJ5A0321	RT31016	IPR & PATENTS	13	44	2
14BJ5A0321	RT31031	DYNAMICS OF MACHINERY	17	33	3
14BJ5A0321	RT31032	METAL CUTTING & MACHINE TOOLS	19	48	3
14BJ5A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	17	35	3
14BJ5A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	50	3
14BJ5A0321	RT31035	THERMAL ENGINEERING-II	22	24	3
14BJ5A0321	RT31036	METROLOGY	14	42	3
14BJ5A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
14BJ5A0321	RT31038	MACHINE TOOLS LAB	19	42	2
14BJ5A0322	RT31016	IPR & PATENTS	12	10	0
14BJ5A0322	RT31031	DYNAMICS OF MACHINERY	17	11	0
14BJ5A0322	RT31032	METAL CUTTING & MACHINE TOOLS	16	10	0
14BJ5A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	14	4	0
14BJ5A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	25	3
14BJ5A0322	RT31035	THERMAL ENGINEERING-II	18	8	0
14BJ5A0322	RT31036	METROLOGY	15	28	3
14BJ5A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
14BJ5A0322	RT31038	MACHINE TOOLS LAB	16	41	2
14BJ5A0323	RT31016	IPR & PATENTS	22	30	2
14BJ5A0323	RT31031	DYNAMICS OF MACHINERY	19	25	3
14BJ5A0323	RT31032	METAL CUTTING & MACHINE TOOLS	18	41	3
14BJ5A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	14	18	0
14BJ5A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	34	3
14BJ5A0323	RT31035	THERMAL ENGINEERING-II	20	44	3
14BJ5A0323	RT31036	METROLOGY	21	13	0
14BJ5A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
14BJ5A0323	RT31038	MACHINE TOOLS LAB	24	43	2
14BJ5A0324	RT31016	IPR & PATENTS	14	47	2
14BJ5A0324	RT31031	DYNAMICS OF MACHINERY	16	28	3
14BJ5A0324	RT31032	METAL CUTTING & MACHINE TOOLS	14	58	3
14BJ5A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	14	46	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	40	3
14BJ5A0324	RT31035	THERMAL ENGINEERING-II	21	35	3
14BJ5A0324	RT31036	METROLOGY	15	25	3
14BJ5A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
14BJ5A0324	RT31038	MACHINE TOOLS LAB	18	41	2
14BJ5A0325	RT31016	IPR & PATENTS	19	15	0
14BJ5A0325	RT31031	DYNAMICS OF MACHINERY	19	24	3
14BJ5A0325	RT31032	METAL CUTTING & MACHINE TOOLS	19	31	3
14BJ5A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	5	25	0
14BJ5A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
14BJ5A0325	RT31035	THERMAL ENGINEERING-II	16	30	3
14BJ5A0325	RT31036	METROLOGY	21	15	0
14BJ5A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	25	40	2
14BJ5A0325	RT31038	MACHINE TOOLS LAB	24	40	2
14BJ5A0326	RT31016	IPR & PATENTS	19	37	2
14BJ5A0326	RT31031	DYNAMICS OF MACHINERY	17	25	3
14BJ5A0326	RT31032	METAL CUTTING & MACHINE TOOLS	19	36	3
14BJ5A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	14	30	3
14BJ5A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	31	3
14BJ5A0326	RT31035	THERMAL ENGINEERING-II	18	33	3
14BJ5A0326	RT31036	METROLOGY	15	33	3
14BJ5A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
14BJ5A0326	RT31038	MACHINE TOOLS LAB	23	45	2
14BJ5A0327	RT31016	IPR & PATENTS	19	9	0
14BJ5A0327	RT31031	DYNAMICS OF MACHINERY	17	7	0
14BJ5A0327	RT31032	METAL CUTTING & MACHINE TOOLS	15	38	3
14BJ5A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
14BJ5A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	-1	0
14BJ5A0327	RT31035	THERMAL ENGINEERING-II	14	-1	0
14BJ5A0327	RT31036	METROLOGY	14	27	3
14BJ5A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	21	37	2
14BJ5A0327	RT31038	MACHINE TOOLS LAB	18	37	2
14BJ5A0328	RT31016	IPR & PATENTS	14	39	2
14BJ5A0328	RT31031	DYNAMICS OF MACHINERY	17	36	3
14BJ5A0328	RT31032	METAL CUTTING & MACHINE TOOLS	18	56	3
14BJ5A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
14BJ5A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	39	3
14BJ5A0328	RT31035	THERMAL ENGINEERING-II	22	29	3
14BJ5A0328	RT31036	METROLOGY	16	25	3
14BJ5A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
14BJ5A0328	RT31038	MACHINE TOOLS LAB	19	43	2
14BJ5A0329	RT31016	IPR & PATENTS	16	33	2
14BJ5A0329	RT31031	DYNAMICS OF MACHINERY	15	25	3
14BJ5A0329	RT31032	METAL CUTTING & MACHINE TOOLS	19	42	3
14BJ5A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	14	33	3
14BJ5A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	43	3
14BJ5A0329	RT31035	THERMAL ENGINEERING-II	20	29	3
14BJ5A0329	RT31036	METROLOGY	23	31	3
14BJ5A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
14BJ5A0329	RT31038	MACHINE TOOLS LAB	18	42	2
14BJ5A0330	RT31016	IPR & PATENTS	21	45	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0330	RT31031	DYNAMICS OF MACHINERY	18	49	3
14BJ5A0330	RT31032	METAL CUTTING & MACHINE TOOLS	19	11	0
14BJ5A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	14	33	3
14BJ5A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	37	3
14BJ5A0330	RT31035	THERMAL ENGINEERING-II	20	25	3
14BJ5A0330	RT31036	METROLOGY	21	31	3
14BJ5A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
14BJ5A0330	RT31038	MACHINE TOOLS LAB	19	38	2
14BJ5A0332	RT31016	IPR & PATENTS	14	32	2
14BJ5A0332	RT31031	DYNAMICS OF MACHINERY	17	35	3
14BJ5A0332	RT31032	METAL CUTTING & MACHINE TOOLS	21	40	3
14BJ5A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	15	14	0
14BJ5A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	8	0
14BJ5A0332	RT31035	THERMAL ENGINEERING-II	19	26	3
14BJ5A0332	RT31036	METROLOGY	15	35	3
14BJ5A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	25	40	2
14BJ5A0332	RT31038	MACHINE TOOLS LAB	23	40	2
14BJ5A0333	RT31016	IPR & PATENTS	21	51	2
14BJ5A0333	RT31031	DYNAMICS OF MACHINERY	16	18	0
14BJ5A0333	RT31032	METAL CUTTING & MACHINE TOOLS	18	52	3
14BJ5A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	16	28	3
14BJ5A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	36	3
14BJ5A0333	RT31035	THERMAL ENGINEERING-II	22	6	0
14BJ5A0333	RT31036	METROLOGY	19	24	3
14BJ5A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
14BJ5A0333	RT31038	MACHINE TOOLS LAB	25	45	2
14BJ5A0334	RT31016	IPR & PATENTS	22	36	2
14BJ5A0334	RT31031	DYNAMICS OF MACHINERY	18	28	3
14BJ5A0334	RT31032	METAL CUTTING & MACHINE TOOLS	20	53	3
14BJ5A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	17	46	3
14BJ5A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	43	3
14BJ5A0334	RT31035	THERMAL ENGINEERING-II	24	42	3
14BJ5A0334	RT31036	METROLOGY	19	45	3
14BJ5A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	25	44	2
14BJ5A0334	RT31038	MACHINE TOOLS LAB	24	44	2
14BJ5A0335	RT31016	IPR & PATENTS	16	37	2
14BJ5A0335	RT31031	DYNAMICS OF MACHINERY	14	26	3
14BJ5A0335	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
14BJ5A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	13	13	0
14BJ5A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	24	3
14BJ5A0335	RT31035	THERMAL ENGINEERING-II	21	32	3
14BJ5A0335	RT31036	METROLOGY	14	27	3
14BJ5A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
14BJ5A0335	RT31038	MACHINE TOOLS LAB	20	45	2
14BJ5A0336	RT31016	IPR & PATENTS	13	45	2
14BJ5A0336	RT31031	DYNAMICS OF MACHINERY	15	25	3
14BJ5A0336	RT31032	METAL CUTTING & MACHINE TOOLS	14	38	3
14BJ5A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	8	15	0
14BJ5A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	27	3
14BJ5A0336	RT31035	THERMAL ENGINEERING-II	22	24	3
14BJ5A0336	RT31036	METROLOGY	18	24	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	16	43	2
14BJ5A0336	RT31038	MACHINE TOOLS LAB	18	43	2
14BJ5A0337	RT31016	IPR & PATENTS	20	46	2
14BJ5A0337	RT31031	DYNAMICS OF MACHINERY	16	25	3
14BJ5A0337	RT31032	METAL CUTTING & MACHINE TOOLS	19	49	3
14BJ5A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
14BJ5A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	35	3
14BJ5A0337	RT31035	THERMAL ENGINEERING-II	19	14	0
14BJ5A0337	RT31036	METROLOGY	15	15	0
14BJ5A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
14BJ5A0337	RT31038	MACHINE TOOLS LAB	25	43	2
14BJ5A0338	RT31016	IPR & PATENTS	14	-1	0
14BJ5A0338	RT31031	DYNAMICS OF MACHINERY	15	-1	0
14BJ5A0338	RT31032	METAL CUTTING & MACHINE TOOLS	15	-1	0
14BJ5A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
14BJ5A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	-1	0
14BJ5A0338	RT31035	THERMAL ENGINEERING-II	5	-1	0
14BJ5A0338	RT31036	METROLOGY	15	-1	0
14BJ5A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
14BJ5A0338	RT31038	MACHINE TOOLS LAB	19	47	2
14BJ5A0402	RT31016	IPR & PATENTS	26	35	2
14BJ5A0402	RT31041	PULSE & DIGITAL CIRCUITS	22	30	3
14BJ5A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	37	3
14BJ5A0402	RT31043	CONTROL SYSTEMS	21	24	3
14BJ5A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	27	3
14BJ5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	23	5	0
14BJ5A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
14BJ5A0402	RT31048	LICA LAB	23	45	2
14BJ5A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
14BJ5A0403	RT31016	IPR & PATENTS	29	43	2
14BJ5A0403	RT31041	PULSE & DIGITAL CIRCUITS	24	31	3
14BJ5A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	26	3
14BJ5A0403	RT31043	CONTROL SYSTEMS	23	35	3
14BJ5A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	30	3
14BJ5A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	25	26	3
14BJ5A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
14BJ5A0403	RT31048	LICA LAB	25	49	2
14BJ5A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	48	2
14BJ5A0404	RT31016	IPR & PATENTS	0	40	2
14BJ5A0404	RT31041	PULSE & DIGITAL CIRCUITS	14	13	0
14BJ5A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	27	3
14BJ5A0404	RT31043	CONTROL SYSTEMS	15	32	3
14BJ5A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	38	3
14BJ5A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	19	25	3
14BJ5A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	40	2
14BJ5A0404	RT31048	LICA LAB	13	40	2
14BJ5A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	40	2
14BJ5A0406	RT31016	IPR & PATENTS	29	26	2
14BJ5A0406	RT31041	PULSE & DIGITAL CIRCUITS	24	30	3
14BJ5A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	52	3
14BJ5A0406	RT31043	CONTROL SYSTEMS	22	36	3

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	50	3
14BJ5A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
14BJ5A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2
14BJ5A0406	RT31048	LICA LAB	24	46	2
14BJ5A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
14BJ5A0407	RT31016	IPR & PATENTS	29	31	2
14BJ5A0407	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
14BJ5A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	50	3
14BJ5A0407	RT31043	CONTROL SYSTEMS	20	24	3
14BJ5A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	39	3
14BJ5A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	25	36	3
14BJ5A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
14BJ5A0407	RT31048	LICA LAB	23	44	2
14BJ5A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
14BJ5A0408	RT31016	IPR & PATENTS	23	55	2
14BJ5A0408	RT31041	PULSE & DIGITAL CIRCUITS	26	37	3
14BJ5A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	38	3
14BJ5A0408	RT31043	CONTROL SYSTEMS	23	24	3
14BJ5A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	40	3
14BJ5A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	23	29	3
14BJ5A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2
14BJ5A0408	RT31048	LICA LAB	24	47	2
14BJ5A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
14BJ5A0409	RT31016	IPR & PATENTS	21	35	2
14BJ5A0409	RT31041	PULSE & DIGITAL CIRCUITS	18	9	0
14BJ5A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	34	3
14BJ5A0409	RT31043	CONTROL SYSTEMS	22	31	3
14BJ5A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	28	3
14BJ5A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	23	24	3
14BJ5A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
14BJ5A0409	RT31048	LICA LAB	23	44	2
14BJ5A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
14BJ5A0410	RT31016	IPR & PATENTS	19	26	2
14BJ5A0410	RT31041	PULSE & DIGITAL CIRCUITS	20	0	0
14BJ5A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	8	0
14BJ5A0410	RT31043	CONTROL SYSTEMS	19	12	0
14BJ5A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	8	3	0
14BJ5A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	16	1	0
14BJ5A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
14BJ5A0410	RT31048	LICA LAB	19	40	2
14BJ5A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	9	0
14BJ5A0411	RT31016	IPR & PATENTS	22	27	2
14BJ5A0411	RT31041	PULSE & DIGITAL CIRCUITS	21	14	0
14BJ5A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	27	3
14BJ5A0411	RT31043	CONTROL SYSTEMS	22	11	0
14BJ5A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	27	3
14BJ5A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	21	3	0
14BJ5A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	42	2
14BJ5A0411	RT31048	LICA LAB	19	40	2
14BJ5A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
14BJ5A0412	RT31016	IPR & PATENTS	22	48	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0412	RT31041	PULSE & DIGITAL CIRCUITS	24	0	0
14BJ5A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	30	3
14BJ5A0412	RT31043	CONTROL SYSTEMS	21	2	0
14BJ5A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	32	3
14BJ5A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	23	1	0
14BJ5A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	41	2
14BJ5A0412	RT31048	LICA LAB	22	42	2
14BJ5A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
14BJ5A0413	RT31016	IPR & PATENTS	25	15	0
14BJ5A0413	RT31041	PULSE & DIGITAL CIRCUITS	22	4	0
14BJ5A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	14	0
14BJ5A0413	RT31043	CONTROL SYSTEMS	23	10	0
14BJ5A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	15	0
14BJ5A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	23	10	0
14BJ5A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
14BJ5A0413	RT31048	LICA LAB	21	42	2
14BJ5A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
14BJ5A0414	RT31016	IPR & PATENTS	26	30	2
14BJ5A0414	RT31041	PULSE & DIGITAL CIRCUITS	25	50	3
14BJ5A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	66	3
14BJ5A0414	RT31043	CONTROL SYSTEMS	25	36	3
14BJ5A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	43	3
14BJ5A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	25	15	0
14BJ5A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
14BJ5A0414	RT31048	LICA LAB	25	49	2
14BJ5A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	49	2
14BJ5A0416	RT31016	IPR & PATENTS	24	45	2
14BJ5A0416	RT31041	PULSE & DIGITAL CIRCUITS	25	37	3
14BJ5A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	60	3
14BJ5A0416	RT31043	CONTROL SYSTEMS	26	30	3
14BJ5A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	41	3
14BJ5A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	25	50	3
14BJ5A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	47	2
14BJ5A0416	RT31048	LICA LAB	23	47	2
14BJ5A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
14BJ5A0417	RT31016	IPR & PATENTS	27	56	2
14BJ5A0417	RT31041	PULSE & DIGITAL CIRCUITS	26	39	3
14BJ5A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	58	3
14BJ5A0417	RT31043	CONTROL SYSTEMS	24	46	3
14BJ5A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	51	3
14BJ5A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	27	27	3
14BJ5A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
14BJ5A0417	RT31048	LICA LAB	25	49	2
14BJ5A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
14BJ5A0418	RT31016	IPR & PATENTS	24	36	2
14BJ5A0418	RT31041	PULSE & DIGITAL CIRCUITS	25	36	3
14BJ5A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	53	3
14BJ5A0418	RT31043	CONTROL SYSTEMS	26	34	3
14BJ5A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	46	3
14BJ5A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	23	49	3
14BJ5A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0418	RT31048	LICA LAB	24	49	2
14BJ5A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	49	2
14BJ5A0419	RT31016	IPR & PATENTS	22	26	2
14BJ5A0419	RT31041	PULSE & DIGITAL CIRCUITS	21	8	0
14BJ5A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	41	3
14BJ5A0419	RT31043	CONTROL SYSTEMS	22	28	3
14BJ5A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	31	3
14BJ5A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	20	16	0
14BJ5A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
14BJ5A0419	RT31048	LICA LAB	22	43	2
14BJ5A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
14BJ5A0420	RT31016	IPR & PATENTS	20	35	2
14BJ5A0420	RT31041	PULSE & DIGITAL CIRCUITS	20	7	0
14BJ5A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	12	0
14BJ5A0420	RT31043	CONTROL SYSTEMS	20	6	0
14BJ5A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	17	0
14BJ5A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	18	2	0
14BJ5A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
14BJ5A0420	RT31048	LICA LAB	20	40	2
14BJ5A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
14BJ5A0422	RT31016	IPR & PATENTS	22	49	2
14BJ5A0422	RT31041	PULSE & DIGITAL CIRCUITS	23	29	3
14BJ5A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	44	3
14BJ5A0422	RT31043	CONTROL SYSTEMS	20	32	3
14BJ5A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	35	3
14BJ5A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	25	17	0
14BJ5A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	48	2
14BJ5A0422	RT31048	LICA LAB	23	49	2
14BJ5A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
14BJ5A0423	RT31016	IPR & PATENTS	21	35	2
14BJ5A0423	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
14BJ5A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	52	3
14BJ5A0423	RT31043	CONTROL SYSTEMS	21	27	3
14BJ5A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	44	3
14BJ5A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	23	30	3
14BJ5A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
14BJ5A0423	RT31048	LICA LAB	23	48	2
14BJ5A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	49	2
14BJ5A0424	RT31016	IPR & PATENTS	22	24	2
14BJ5A0424	RT31041	PULSE & DIGITAL CIRCUITS	24	11	0
14BJ5A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	40	3
14BJ5A0424	RT31043	CONTROL SYSTEMS	20	34	3
14BJ5A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	36	3
14BJ5A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
14BJ5A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	45	2
14BJ5A0424	RT31048	LICA LAB	22	44	2
14BJ5A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
14BJ5A0425	RT31016	IPR & PATENTS	23	28	2
14BJ5A0425	RT31041	PULSE & DIGITAL CIRCUITS	20	6	0
14BJ5A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	16	0
14BJ5A0425	RT31043	CONTROL SYSTEMS	23	12	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	26	3
14BJ5A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	21	7	0
14BJ5A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
14BJ5A0425	RT31048	LICA LAB	22	44	2
14BJ5A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
14BJ5A0427	RT31016	IPR & PATENTS	22	54	2
14BJ5A0427	RT31041	PULSE & DIGITAL CIRCUITS	26	30	3
14BJ5A0427	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	28	3
14BJ5A0427	RT31043	CONTROL SYSTEMS	21	28	3
14BJ5A0427	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	26	3
14BJ5A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	25	25	3
14BJ5A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
14BJ5A0427	RT31048	LICA LAB	22	47	2
14BJ5A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
14BJ5A0428	RT31016	IPR & PATENTS	0	-1	0
14BJ5A0428	RT31041	PULSE & DIGITAL CIRCUITS	0	-1	0
14BJ5A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	0	7	0
14BJ5A0428	RT31043	CONTROL SYSTEMS	0	10	0
14BJ5A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	0	26	0
14BJ5A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	0	16	0
14BJ5A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	14	-1	0
14BJ5A0428	RT31048	LICA LAB	14	-1	0
14BJ5A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	-1	0
14BJ5A0429	RT31016	IPR & PATENTS	21	26	2
14BJ5A0429	RT31041	PULSE & DIGITAL CIRCUITS	22	2	0
14BJ5A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	31	3
14BJ5A0429	RT31043	CONTROL SYSTEMS	20	15	0
14BJ5A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	9	0
14BJ5A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	23	10	0
14BJ5A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
14BJ5A0429	RT31048	LICA LAB	24	44	2
14BJ5A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
14BJ5A0430	RT31016	IPR & PATENTS	20	35	2
14BJ5A0430	RT31041	PULSE & DIGITAL CIRCUITS	27	27	3
14BJ5A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	46	3
14BJ5A0430	RT31043	CONTROL SYSTEMS	24	27	3
14BJ5A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	37	3
14BJ5A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	24	35	3
14BJ5A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
14BJ5A0430	RT31048	LICA LAB	24	45	2
14BJ5A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
14BJ5A0431	RT31016	IPR & PATENTS	20	44	2
14BJ5A0431	RT31041	PULSE & DIGITAL CIRCUITS	20	29	3
14BJ5A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	35	3
14BJ5A0431	RT31043	CONTROL SYSTEMS	24	30	3
14BJ5A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	31	3
14BJ5A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	23	24	3
14BJ5A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
14BJ5A0431	RT31048	LICA LAB	23	45	2
14BJ5A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
14BJ5A0432	RT31016	IPR & PATENTS	20	26	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0432	RT31041	PULSE & DIGITAL CIRCUITS	21	11	0
14BJ5A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	40	3
14BJ5A0432	RT31043	CONTROL SYSTEMS	22	27	3
14BJ5A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	30	3
14BJ5A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
14BJ5A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
14BJ5A0432	RT31048	LICA LAB	22	43	2
14BJ5A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
14BJ5A0433	RT31016	IPR & PATENTS	21	28	2
14BJ5A0433	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
14BJ5A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	39	3
14BJ5A0433	RT31043	CONTROL SYSTEMS	21	26	3
14BJ5A0433	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	15	0
14BJ5A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	23	8	0
14BJ5A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	43	2
14BJ5A0433	RT31048	LICA LAB	20	42	2
14BJ5A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	45	2
14BJ5A0434	RT31016	IPR & PATENTS	20	29	2
14BJ5A0434	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
14BJ5A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	42	3
14BJ5A0434	RT31043	CONTROL SYSTEMS	24	30	3
14BJ5A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	29	3
14BJ5A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	23	35	3
14BJ5A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
14BJ5A0434	RT31048	LICA LAB	23	45	2
14BJ5A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
14BJ5A0501	RT31051	COMPILER DESIGN	20	0	0
14BJ5A0501	RT31052	DATA COMMUNICATION	22	26	3
14BJ5A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	2	0
14BJ5A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	17	1	0
14BJ5A0501	RT31055	OPERATING SYSTEMS	20	18	0
14BJ5A0501	RT31056	COMPILER DESIGN LAB	18	43	2
14BJ5A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14BJ5A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
14BJ5A0501	RT31059	SEMINAR	40	0	1
14BJ5A0502	RT31051	COMPILER DESIGN	23	28	3
14BJ5A0502	RT31052	DATA COMMUNICATION	22	50	3
14BJ5A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	31	3
14BJ5A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	22	24	3
14BJ5A0502	RT31055	OPERATING SYSTEMS	21	41	3
14BJ5A0502	RT31056	COMPILER DESIGN LAB	22	46	2
14BJ5A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
14BJ5A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	45	2
14BJ5A0502	RT31059	SEMINAR	48	0	1
14BJ5A0503	RT31051	COMPILER DESIGN	18	30	3
14BJ5A0503	RT31052	DATA COMMUNICATION	20	9	0
14BJ5A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	11	0
14BJ5A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	17	24	3
14BJ5A0503	RT31055	OPERATING SYSTEMS	18	24	3
14BJ5A0503	RT31056	COMPILER DESIGN LAB	21	45	2
14BJ5A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	45	2
14BJ5A0503	RT31059	SEMINAR	48	0	1
14BJ5A0504	RT31051	COMPILER DESIGN	23	24	3
14BJ5A0504	RT31052	DATA COMMUNICATION	23	45	3
14BJ5A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	57	3
14BJ5A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	23	36	3
14BJ5A0504	RT31055	OPERATING SYSTEMS	23	28	3
14BJ5A0504	RT31056	COMPILER DESIGN LAB	24	50	2
14BJ5A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
14BJ5A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	50	2
14BJ5A0504	RT31059	SEMINAR	50	0	1
14BJ5A0505	RT31051	COMPILER DESIGN	19	0	0
14BJ5A0505	RT31052	DATA COMMUNICATION	21	26	3
14BJ5A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	3	0
14BJ5A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	15	19	0
14BJ5A0505	RT31055	OPERATING SYSTEMS	20	24	3
14BJ5A0505	RT31056	COMPILER DESIGN LAB	22	49	2
14BJ5A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
14BJ5A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
14BJ5A0505	RT31059	SEMINAR	48	0	1
14BJ5A0506	RT31051	COMPILER DESIGN	21	31	3
14BJ5A0506	RT31052	DATA COMMUNICATION	23	52	3
14BJ5A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	32	3
14BJ5A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	19	24	3
14BJ5A0506	RT31055	OPERATING SYSTEMS	22	33	3
14BJ5A0506	RT31056	COMPILER DESIGN LAB	25	48	2
14BJ5A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
14BJ5A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
14BJ5A0506	RT31059	SEMINAR	49	0	1
14BJ5A0507	RT31051	COMPILER DESIGN	22	46	3
14BJ5A0507	RT31052	DATA COMMUNICATION	24	12	0
14BJ5A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	32	3
14BJ5A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	17	37	3
14BJ5A0507	RT31055	OPERATING SYSTEMS	20	35	3
14BJ5A0507	RT31056	COMPILER DESIGN LAB	21	44	2
14BJ5A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
14BJ5A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
14BJ5A0507	RT31059	SEMINAR	48	0	1
14BJ5A0508	RT31051	COMPILER DESIGN	20	2	0
14BJ5A0508	RT31052	DATA COMMUNICATION	21	17	0
14BJ5A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	11	0
14BJ5A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	17	10	0
14BJ5A0508	RT31055	OPERATING SYSTEMS	16	26	3
14BJ5A0508	RT31056	COMPILER DESIGN LAB	23	46	2
14BJ5A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
14BJ5A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
14BJ5A0508	RT31059	SEMINAR	47	0	1
14BJ5A0509	RT31051	COMPILER DESIGN	19	3	0
14BJ5A0509	RT31052	DATA COMMUNICATION	22	24	3
14BJ5A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	7	0
14BJ5A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	16	10	0

Htno	Subcode	Subname	Internal	External	credits
14BJ5A0509	RT31055	OPERATING SYSTEMS	16	26	3
14BJ5A0509	RT31056	COMPILER DESIGN LAB	23	44	2
14BJ5A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	42	2
14BJ5A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
14BJ5A0509	RT31059	SEMINAR	48	0	1
14BJ5A0510	RT31051	COMPILER DESIGN	21	12	0
14BJ5A0510	RT31052	DATA COMMUNICATION	17	13	0
14BJ5A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	7	0
14BJ5A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	15	11	0
14BJ5A0510	RT31055	OPERATING SYSTEMS	16	9	0
14BJ5A0510	RT31056	COMPILER DESIGN LAB	18	40	2
14BJ5A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	41	2
14BJ5A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
14BJ5A0510	RT31059	SEMINAR	35	0	1

****Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 13-02-2016.

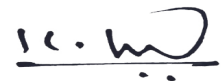
**** Note:****

* -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:02-02-2016



Controller of Examinations