



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech [R10,R07,R05] I Semester Supplementary Examinations May-2015

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

Htno	Subcode	Subname	Internal	External	credits
07BJ1A1215	V3147	AUTOMATA AND COMPILER DESIGN	15	33	4
08BJ1A0458	V3121	DIGITAL IC APPLICATIONS	11	-1	0
09BJ1A0231	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	0	9	0
09BJ1A0231	R31022	ELECTRICAL MEASUREMENT	12	45	4
09BJ1A0314	R31032	OPERATIONS RESEARCH	13	34	4
09BJ1A0314	R31033	DYNAMICS OF MACHINERY	15	2	0
09BJ1A0314	R31034	THERMAL ENGINEERING-II	16	0	0
09BJ1A0314	R31036	METAL CUTTING & MACHINE TOOLS	16	35	4
09BJ1A0316	R31032	OPERATIONS RESEARCH	12	7	0
09BJ1A0429	R31042	DIGITAL IC APPLICATIONS	12	-1	0
09BJ1A0429	R31043	LINEAR IC APPLICATIONS	15	-1	0
09BJ1A0526	R31051	COMPILER DESIGN	17	26	4
09BJ1A0526	R31052	COMPUTER NETWORKS	17	18	0
09BJ1A0526	R31054	COMPUTER GRAPHICS	18	42	4
09BJ1A0526	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	44	4
09BJ1A0526	R31056	OPERATIONG SYSTEMS	14	31	4
09BJ1A0534	R31052	COMPUTER NETWORKS	15	26	4
09BJ1A0534	R31054	COMPUTER GRAPHICS	16	35	4
09BJ5A0404	V3101	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	15	31	4
09JR1A0427	R31045	ANTENNAS AND WAVE PROPAGATION	16	56	4
109T1A0406	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	4	0
109T1A0406	R31042	DIGITAL IC APPLICATIONS	10	-1	0
109T1A0406	R31043	LINEAR IC APPLICATIONS	9	3	0
109T1A0406	R31045	ANTENNAS AND WAVE PROPAGATION	15	-1	0
10BJ1A0205	R31022	ELECTRICAL MEASUREMENT	16	0	0
10BJ1A0205	R31025	ELECTRICAL MACHINES-III	16	-1	0
10BJ1A0218	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	14	31	4
10BJ1A0218	R31022	ELECTRICAL MEASUREMENT	13	0	0
10BJ1A0237	R31022	ELECTRICAL MEASUREMENT	11	0	0
10BJ1A0248	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	2	21	0
10BJ1A0248	R31023	POWER SYSTEMS-II	10	0	0
10BJ1A0311	R31032	OPERATIONS RESEARCH	11	0	0
10BJ1A0311	R31035	DESIGN OF MACHINE MEMBERS-I	12	7	0
10BJ1A0335	R31031	FINITE ELEMENT METHODS	16	46	4
10BJ1A0420	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	40	4
10BJ1A0420	R31042	DIGITAL IC APPLICATIONS	15	1	0
10BJ1A0420	R31043	LINEAR IC APPLICATIONS	15	0	0
10BJ1A0420	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	13	0	0
10BJ1A0421	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	10	0
10BJ1A0421	R31042	DIGITAL IC APPLICATIONS	15	3	0
10BJ1A0421	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	0	0
10BJ1A0422	R31043	LINEAR IC APPLICATIONS	17	14	0
10BJ1A0422	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	16	30	4
10BJ1A0427	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	-1	0
10BJ1A0430	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	2	0
10BJ1A0435	R31042	DIGITAL IC APPLICATIONS	15	8	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0435	R31046	DIGITAL COMMUNICATIONS	17	-1	0
10BJ1A0436	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	-1	0
10BJ1A0436	R31042	DIGITAL IC APPLICATIONS	15	-1	0
10BJ1A0436	R31043	LINEAR IC APPLICATIONS	13	-1	0
10BJ1A0436	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	15	-1	0
10BJ1A0441	R31042	DIGITAL IC APPLICATIONS	13	1	0
10BJ1A0443	R31043	LINEAR IC APPLICATIONS	13	2	0
10BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	2	26	0
10BJ1A0449	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	11	0
10BJ1A0449	R31042	DIGITAL IC APPLICATIONS	15	11	0
10BJ1A0449	R31043	LINEAR IC APPLICATIONS	15	0	0
10BJ1A0451	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	20	13	0
10BJ1A0451	R31042	DIGITAL IC APPLICATIONS	17	14	0
10BJ1A0451	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	15	0	0
10BJ1A0452	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	22	39	4
10BJ1A0452	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	20	-1	0
10BJ1A0452	R31045	ANTENNAS AND WAVE PROPAGATION	23	-1	0
10BJ1A0452	R31046	DIGITAL COMMUNICATIONS	20	-1	0
10BJ1A0535	R31051	COMPILER DESIGN	18	30	4
10BJ1A0535	R31054	COMPUTER GRAPHICS	11	-1	0
10BJ1A0535	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	16	35	4
10BJ1A0536	R31054	COMPUTER GRAPHICS	14	32	4
10BJ1A0536	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	15	36	4
10BJ1A0570	R31052	COMPUTER NETWORKS	11	4	0
10BJ1A0570	R31053	ADVANCED DATA STRUCTURES	12	9	0
10BJ1A0570	R31054	COMPUTER GRAPHICS	17	18	0
10BJ1A0570	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	12	0
11A91A0293	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	-1	0
11A91A0293	R31022	ELECTRICAL MEASUREMENT	14	-1	0
11A91A0293	R31023	POWER SYSTEMS-II	13	0	0
11A91A0293	R31026	LINEAR & DIGITAL IC APPLICATION	19	0	0
11BJ1A0304	R31033	DYNAMICS OF MACHINERY	16	17	0
11BJ1A0305	R31034	THERMAL ENGINEERING-II	16	0	0
11BJ1A0307	R31031	FINITE ELEMENT METHODS	15	44	4
11BJ1A0307	R31033	DYNAMICS OF MACHINERY	14	0	0
11BJ1A0307	R31036	METAL CUTTING & MACHINE TOOLS	14	14	0
11BJ1A0312	R31031	FINITE ELEMENT METHODS	13	10	0
11BJ1A0312	R31032	OPERATIONS RESEARCH	11	0	0
11BJ1A0312	R31033	DYNAMICS OF MACHINERY	14	26	4
11BJ1A0312	R31034	THERMAL ENGINEERING-II	16	30	4
11BJ1A0312	R31035	DESIGN OF MACHINE MEMBERS-I	11	14	0
11BJ1A0312	R31036	METAL CUTTING & MACHINE TOOLS	14	7	0
11BJ1A0316	R31031	FINITE ELEMENT METHODS	12	3	0
11BJ1A0316	R31032	OPERATIONS RESEARCH	9	0	0
11BJ1A0316	R31033	DYNAMICS OF MACHINERY	12	9	0
11BJ1A0316	R31034	THERMAL ENGINEERING-II	14	-1	0
11BJ1A0316	R31035	DESIGN OF MACHINE MEMBERS-I	9	2	0
11BJ1A0316	R31036	METAL CUTTING & MACHINE TOOLS	14	0	0
11BJ1A0326	R31031	FINITE ELEMENT METHODS	15	8	0
11BJ1A0410	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	19	1	0
11BJ1A0410	R31042	DIGITAL IC APPLICATIONS	16	4	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0410	R31043	LINEAR IC APPLICATIONS	18	12	0
11BJ1A0410	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	17	0
11BJ1A0413	R31042	DIGITAL IC APPLICATIONS	14	12	0
11BJ1A0417	R31046	DIGITAL COMMUNICATIONS	23	0	0
11BJ1A0419	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	11	0
11BJ1A0423	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	16	0	0
11BJ1A0423	R31042	DIGITAL IC APPLICATIONS	3	0	0
11BJ1A0423	R31043	LINEAR IC APPLICATIONS	5	0	0
11BJ1A0423	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	3	0	0
11BJ1A0423	R31045	ANTENNAS AND WAVE PROPAGATION	4	0	0
11BJ1A0426	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	30	4
11BJ1A0426	R31042	DIGITAL IC APPLICATIONS	15	13	0
11BJ1A0426	R31043	LINEAR IC APPLICATIONS	15	7	0
11BJ1A0426	R31045	ANTENNAS AND WAVE PROPAGATION	17	-1	0
11BJ1A0426	R31046	DIGITAL COMMUNICATIONS	13	-1	0
11BJ1A0428	R31042	DIGITAL IC APPLICATIONS	16	39	4
11BJ1A0428	R31043	LINEAR IC APPLICATIONS	24	4	0
11BJ1A0430	R31042	DIGITAL IC APPLICATIONS	16	15	0
11BJ1A0430	R31043	LINEAR IC APPLICATIONS	20	-1	0
11BJ1A0430	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	19	0
11BJ1A0432	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	11	-1	0
11BJ1A0432	R31042	DIGITAL IC APPLICATIONS	12	12	0
11BJ1A0432	R31043	LINEAR IC APPLICATIONS	5	0	0
11BJ1A0432	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	7	14	0
11BJ1A0432	R31046	DIGITAL COMMUNICATIONS	6	0	0
11BJ1A0438	R31042	DIGITAL IC APPLICATIONS	16	30	4
11BJ1A0438	R31043	LINEAR IC APPLICATIONS	19	4	0
11BJ1A0439	R31042	DIGITAL IC APPLICATIONS	10	2	0
11BJ1A0439	R31046	DIGITAL COMMUNICATIONS	14	0	0
11BJ1A0441	R31042	DIGITAL IC APPLICATIONS	15	17	0
11BJ1A0443	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	12	0
11BJ1A0443	R31042	DIGITAL IC APPLICATIONS	11	4	0
11BJ1A0443	R31043	LINEAR IC APPLICATIONS	19	2	0
11BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	10	15	0
11BJ1A0443	R31046	DIGITAL COMMUNICATIONS	11	-1	0
11BJ1A0449	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	16	32	4
11BJ1A0449	R31046	DIGITAL COMMUNICATIONS	17	4	0
11BJ1A0451	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	-1	0
11BJ1A0451	R31042	DIGITAL IC APPLICATIONS	5	6	0
11BJ1A0451	R31043	LINEAR IC APPLICATIONS	13	0	0
11BJ1A0451	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	11	0	0
11BJ1A0451	R31045	ANTENNAS AND WAVE PROPAGATION	10	0	0
11BJ1A0451	R31046	DIGITAL COMMUNICATIONS	9	-1	0
11BJ1A0452	R31046	DIGITAL COMMUNICATIONS	20	0	0
11BJ1A0453	R31042	DIGITAL IC APPLICATIONS	14	4	0
11BJ1A0455	R31042	DIGITAL IC APPLICATIONS	19	9	0
11BJ1A0466	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	37	4
11BJ1A0466	R31042	DIGITAL IC APPLICATIONS	8	33	4
11BJ1A0466	R31046	DIGITAL COMMUNICATIONS	14	6	0
11BJ1A0467	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	10	0	0
11BJ1A0467	R31042	DIGITAL IC APPLICATIONS	8	2	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0467	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	3	-1	0
11BJ1A0471	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	40	4
11BJ1A0471	R31042	DIGITAL IC APPLICATIONS	11	1	0
11BJ1A0471	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	16	33	4
11BJ1A0471	R31046	DIGITAL COMMUNICATIONS	6	38	4
11BJ1A0473	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	-1	0
11BJ1A0473	R31042	DIGITAL IC APPLICATIONS	5	-1	0
11BJ1A0473	R31043	LINEAR IC APPLICATIONS	21	-1	0
11BJ1A0473	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	3	-1	0
11BJ1A0473	R31045	ANTENNAS AND WAVE PROPAGATION	8	-1	0
11BJ1A0473	R31046	DIGITAL COMMUNICATIONS	5	-1	0
11BJ1A0519	R31056	OPERATIONG SYSTEMS	17	34	4
11BJ1A0521	R31051	COMPILER DESIGN	15	41	4
11BJ1A0522	R31054	COMPUTER GRAPHICS	13	47	4
11BJ1A0526	R31052	COMPUTER NETWORKS	16	11	0
11BJ1A0526	R31053	ADVANCED DATA STRUCTURES	17	6	0
11BJ1A0527	R31054	COMPUTER GRAPHICS	13	31	4
11BJ1A0528	R31051	COMPILER DESIGN	15	12	0
11BJ1A0528	R31053	ADVANCED DATA STRUCTURES	16	5	0
11BJ1A0528	R31054	COMPUTER GRAPHICS	14	32	4
11BJ1A0534	R31051	COMPILER DESIGN	15	31	4
11BJ1A0535	R31051	COMPILER DESIGN	16	32	4
11BJ1A0535	R31052	COMPUTER NETWORKS	16	32	4
11BJ1A0535	R31054	COMPUTER GRAPHICS	15	34	4
11BJ1A0536	R31054	COMPUTER GRAPHICS	12	-1	0
11BJ1A0540	R31052	COMPUTER NETWORKS	14	19	0
11BJ1A0540	R31053	ADVANCED DATA STRUCTURES	15	25	0
11BJ1A0541	R31051	COMPILER DESIGN	16	14	0
11BJ1A0541	R31054	COMPUTER GRAPHICS	14	33	4
11BJ1A0542	R31054	COMPUTER GRAPHICS	12	39	4
11BJ1A0543	R31051	COMPILER DESIGN	16	26	4
11BJ1A0543	R31052	COMPUTER NETWORKS	17	6	0
11BJ1A0543	R31053	ADVANCED DATA STRUCTURES	17	2	0
11BJ1A0543	R31054	COMPUTER GRAPHICS	12	30	4
11BJ1A0544	R31054	COMPUTER GRAPHICS	12	40	4
12BJ1A0201	R31023	POWER SYSTEMS-II	20	37	4
12BJ1A0201	R31026	LINEAR & DIGITAL IC APPLICATION	17	51	4
12BJ1A0202	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	22	-1	0
12BJ1A0202	R31022	ELECTRICAL MEASUREMENT	13	6	0
12BJ1A0202	R31023	POWER SYSTEMS-II	18	12	0
12BJ1A0202	R31026	LINEAR & DIGITAL IC APPLICATION	18	-1	0
12BJ1A0203	R31024	POWER ELECTRONICS	23	40	4
12BJ1A0203	R31026	LINEAR & DIGITAL IC APPLICATION	20	10	0
12BJ1A0204	R31022	ELECTRICAL MEASUREMENT	22	38	4
12BJ1A0204	R31025	ELECTRICAL MACHINES-III	23	27	4
12BJ1A0205	R31023	POWER SYSTEMS-II	20	8	0
12BJ1A0205	R31026	LINEAR & DIGITAL IC APPLICATION	20	39	4
12BJ1A0207	R31024	POWER ELECTRONICS	23	36	4
12BJ1A0207	R31025	ELECTRICAL MACHINES-III	21	46	4
12BJ1A0207	R31026	LINEAR & DIGITAL IC APPLICATION	21	32	4
12BJ1A0208	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	19	33	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0208	R31022	ELECTRICAL MEASUREMENT	13	0	0
12BJ1A0208	R31023	POWER SYSTEMS-II	16	13	0
12BJ1A0208	R31024	POWER ELECTRONICS	16	0	0
12BJ1A0208	R31025	ELECTRICAL MACHINES-III	14	9	0
12BJ1A0208	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0210	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	27	4
12BJ1A0210	R31022	ELECTRICAL MEASUREMENT	4	0	0
12BJ1A0210	R31026	LINEAR & DIGITAL IC APPLICATION	17	0	0
12BJ1A0211	R31022	ELECTRICAL MEASUREMENT	16	-1	0
12BJ1A0211	R31024	POWER ELECTRONICS	19	18	0
12BJ1A0211	R31025	ELECTRICAL MACHINES-III	15	30	4
12BJ1A0211	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0212	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	23	37	4
12BJ1A0212	R31022	ELECTRICAL MEASUREMENT	7	0	0
12BJ1A0212	R31023	POWER SYSTEMS-II	16	2	0
12BJ1A0212	R31024	POWER ELECTRONICS	18	4	0
12BJ1A0212	R31025	ELECTRICAL MACHINES-III	15	0	0
12BJ1A0212	R31026	LINEAR & DIGITAL IC APPLICATION	11	0	0
12BJ1A0214	R31023	POWER SYSTEMS-II	18	0	0
12BJ1A0214	R31026	LINEAR & DIGITAL IC APPLICATION	16	0	0
12BJ1A0216	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	15	0
12BJ1A0216	R31022	ELECTRICAL MEASUREMENT	14	0	0
12BJ1A0216	R31023	POWER SYSTEMS-II	17	29	4
12BJ1A0216	R31026	LINEAR & DIGITAL IC APPLICATION	16	0	0
12BJ1A0218	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	23	31	4
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	0	0
12BJ1A0219	R31024	POWER ELECTRONICS	16	0	0
12BJ1A0219	R31026	LINEAR & DIGITAL IC APPLICATION	13	0	0
12BJ1A0220	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	8	40	4
12BJ1A0220	R31022	ELECTRICAL MEASUREMENT	12	8	0
12BJ1A0220	R31023	POWER SYSTEMS-II	15	16	0
12BJ1A0220	R31024	POWER ELECTRONICS	13	0	0
12BJ1A0220	R31025	ELECTRICAL MACHINES-III	9	11	0
12BJ1A0220	R31026	LINEAR & DIGITAL IC APPLICATION	15	36	4
12BJ1A0221	R31022	ELECTRICAL MEASUREMENT	6	0	0
12BJ1A0221	R31023	POWER SYSTEMS-II	15	16	0
12BJ1A0221	R31024	POWER ELECTRONICS	17	20	0
12BJ1A0221	R31025	ELECTRICAL MACHINES-III	8	33	4
12BJ1A0221	R31026	LINEAR & DIGITAL IC APPLICATION	6	0	0
12BJ1A0223	R31023	POWER SYSTEMS-II	21	34	4
12BJ1A0224	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	69	4
12BJ1A0224	R31022	ELECTRICAL MEASUREMENT	15	0	0
12BJ1A0225	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	14	17	0
12BJ1A0225	R31022	ELECTRICAL MEASUREMENT	20	14	0
12BJ1A0225	R31026	LINEAR & DIGITAL IC APPLICATION	17	9	0
12BJ1A0226	R31023	POWER SYSTEMS-II	21	18	0
12BJ1A0226	R31024	POWER ELECTRONICS	21	27	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0226	R31025	ELECTRICAL MACHINES-III	23	0	0
12BJ1A0226	R31026	LINEAR & DIGITAL IC APPLICATION	18	8	0
12BJ1A0227	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	16	31	4
12BJ1A0227	R31022	ELECTRICAL MEASUREMENT	15	14	0
12BJ1A0227	R31023	POWER SYSTEMS-II	18	14	0
12BJ1A0227	R31026	LINEAR & DIGITAL IC APPLICATION	16	2	0
12BJ1A0228	R31022	ELECTRICAL MEASUREMENT	18	15	0
12BJ1A0228	R31026	LINEAR & DIGITAL IC APPLICATION	15	5	0
12BJ1A0229	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	13	0
12BJ1A0229	R31022	ELECTRICAL MEASUREMENT	14	8	0
12BJ1A0229	R31024	POWER ELECTRONICS	19	12	0
12BJ1A0229	R31025	ELECTRICAL MACHINES-III	23	29	4
12BJ1A0229	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0230	R31022	ELECTRICAL MEASUREMENT	14	1	0
12BJ1A0230	R31023	POWER SYSTEMS-II	20	6	0
12BJ1A0230	R31024	POWER ELECTRONICS	16	4	0
12BJ1A0230	R31025	ELECTRICAL MACHINES-III	16	11	0
12BJ1A0230	R31026	LINEAR & DIGITAL IC APPLICATION	12	0	0
12BJ1A0232	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	25	53	4
12BJ1A0232	R31022	ELECTRICAL MEASUREMENT	13	0	0
12BJ1A0232	R31023	POWER SYSTEMS-II	15	6	0
12BJ1A0232	R31024	POWER ELECTRONICS	22	10	0
12BJ1A0232	R31025	ELECTRICAL MACHINES-III	14	0	0
12BJ1A0232	R31026	LINEAR & DIGITAL IC APPLICATION	20	-1	0
12BJ1A0233	R31022	ELECTRICAL MEASUREMENT	19	35	4
12BJ1A0233	R31025	ELECTRICAL MACHINES-III	24	9	0
12BJ1A0235	R31023	POWER SYSTEMS-II	24	48	4
12BJ1A0235	R31026	LINEAR & DIGITAL IC APPLICATION	22	42	4
12BJ1A0236	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	13	-1	0
12BJ1A0236	R31023	POWER SYSTEMS-II	16	-1	0
12BJ1A0236	R31024	POWER ELECTRONICS	19	-1	0
12BJ1A0236	R31025	ELECTRICAL MACHINES-III	15	0	0
12BJ1A0236	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0238	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	23	30	4
12BJ1A0238	R31022	ELECTRICAL MEASUREMENT	20	0	0
12BJ1A0238	R31023	POWER SYSTEMS-II	18	0	0
12BJ1A0238	R31024	POWER ELECTRONICS	18	0	0
12BJ1A0238	R31025	ELECTRICAL MACHINES-III	19	0	0
12BJ1A0238	R31026	LINEAR & DIGITAL IC APPLICATION	20	0	0
12BJ1A0239	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	25	10	0
12BJ1A0239	R31022	ELECTRICAL MEASUREMENT	18	8	0
12BJ1A0239	R31024	POWER ELECTRONICS	20	11	0
12BJ1A0239	R31025	ELECTRICAL MACHINES-III	22	35	4
12BJ1A0239	R31026	LINEAR & DIGITAL IC APPLICATION	15	33	4
12BJ1A0241	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	14	42	4
12BJ1A0241	R31022	ELECTRICAL MEASUREMENT	2	19	0
12BJ1A0241	R31023	POWER SYSTEMS-II	13	0	0
12BJ1A0241	R31024	POWER ELECTRONICS	18	0	0
12BJ1A0241	R31025	ELECTRICAL MACHINES-III	17	0	0
12BJ1A0241	R31026	LINEAR & DIGITAL IC APPLICATION	10	0	0
12BJ1A0242	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	24	33	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0242	R31022	ELECTRICAL MEASUREMENT	14	0	0
12BJ1A0242	R31023	POWER SYSTEMS-II	17	0	0
12BJ1A0242	R31024	POWER ELECTRONICS	21	0	0
12BJ1A0242	R31025	ELECTRICAL MACHINES-III	15	0	0
12BJ1A0242	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
12BJ1A0243	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	20	13	0
12BJ1A0243	R31022	ELECTRICAL MEASUREMENT	12	6	0
12BJ1A0243	R31023	POWER SYSTEMS-II	16	3	0
12BJ1A0243	R31024	POWER ELECTRONICS	21	2	0
12BJ1A0243	R31025	ELECTRICAL MACHINES-III	17	12	0
12BJ1A0243	R31026	LINEAR & DIGITAL IC APPLICATION	17	0	0
12BJ1A0244	R31023	POWER SYSTEMS-II	18	0	0
12BJ1A0244	R31025	ELECTRICAL MACHINES-III	16	0	0
12BJ1A0244	R31026	LINEAR & DIGITAL IC APPLICATION	18	0	0
12BJ1A0245	R31022	ELECTRICAL MEASUREMENT	17	0	0
12BJ1A0245	R31023	POWER SYSTEMS-II	21	16	0
12BJ1A0245	R31024	POWER ELECTRONICS	18	28	4
12BJ1A0245	R31026	LINEAR & DIGITAL IC APPLICATION	20	0	0
12BJ1A0246	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	18	32	4
12BJ1A0246	R31022	ELECTRICAL MEASUREMENT	14	26	4
12BJ1A0246	R31023	POWER SYSTEMS-II	19	26	4
12BJ1A0246	R31024	POWER ELECTRONICS	21	0	0
12BJ1A0246	R31025	ELECTRICAL MACHINES-III	17	0	0
12BJ1A0246	R31026	LINEAR & DIGITAL IC APPLICATION	18	0	0
12BJ1A0301	R31031	FINITE ELEMENT METHODS	25	34	4
12BJ1A0301	R31034	THERMAL ENGINEERING-II	23	38	4
12BJ1A0304	R31031	FINITE ELEMENT METHODS	16	36	4
12BJ1A0304	R31033	DYNAMICS OF MACHINERY	19	10	0
12BJ1A0306	R31032	OPERATIONS RESEARCH	19	30	4
12BJ1A0306	R31035	DESIGN OF MACHINE MEMBERS-I	17	12	0
12BJ1A0307	R31031	FINITE ELEMENT METHODS	11	0	0
12BJ1A0307	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0307	R31033	DYNAMICS OF MACHINERY	17	0	0
12BJ1A0307	R31034	THERMAL ENGINEERING-II	12	0	0
12BJ1A0307	R31035	DESIGN OF MACHINE MEMBERS-I	15	22	0
12BJ1A0307	R31036	METAL CUTTING & MACHINE TOOLS	18	0	0
12BJ1A0309	R31031	FINITE ELEMENT METHODS	20	0	0
12BJ1A0309	R31032	OPERATIONS RESEARCH	16	0	0
12BJ1A0309	R31033	DYNAMICS OF MACHINERY	18	0	0
12BJ1A0309	R31034	THERMAL ENGINEERING-II	14	0	0
12BJ1A0309	R31035	DESIGN OF MACHINE MEMBERS-I	5	2	0
12BJ1A0309	R31036	METAL CUTTING & MACHINE TOOLS	21	17	0
12BJ1A0310	R31032	OPERATIONS RESEARCH	20	30	4
12BJ1A0311	R31031	FINITE ELEMENT METHODS	20	0	0
12BJ1A0311	R31034	THERMAL ENGINEERING-II	19	6	0
12BJ1A0311	R31036	METAL CUTTING & MACHINE TOOLS	16	16	0
12BJ1A0312	R31031	FINITE ELEMENT METHODS	19	0	0
12BJ1A0312	R31032	OPERATIONS RESEARCH	14	0	0
12BJ1A0312	R31033	DYNAMICS OF MACHINERY	10	5	0
12BJ1A0312	R31034	THERMAL ENGINEERING-II	6	0	0
12BJ1A0312	R31035	DESIGN OF MACHINE MEMBERS-I	6	39	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0313	R31031	FINITE ELEMENT METHODS	18	0	0
12BJ1A0313	R31032	OPERATIONS RESEARCH	7	0	0
12BJ1A0313	R31033	DYNAMICS OF MACHINERY	13	0	0
12BJ1A0313	R31034	THERMAL ENGINEERING-II	13	0	0
12BJ1A0313	R31035	DESIGN OF MACHINE MEMBERS-I	11	6	0
12BJ1A0313	R31036	METAL CUTTING & MACHINE TOOLS	21	0	0
12BJ1A0316	R31031	FINITE ELEMENT METHODS	22	10	0
12BJ1A0316	R31036	METAL CUTTING & MACHINE TOOLS	24	28	4
12BJ1A0320	R31031	FINITE ELEMENT METHODS	12	2	0
12BJ1A0320	R31032	OPERATIONS RESEARCH	18	0	0
12BJ1A0320	R31033	DYNAMICS OF MACHINERY	14	12	0
12BJ1A0320	R31034	THERMAL ENGINEERING-II	16	1	0
12BJ1A0320	R31035	DESIGN OF MACHINE MEMBERS-I	15	14	0
12BJ1A0320	R31036	METAL CUTTING & MACHINE TOOLS	19	1	0
12BJ1A0321	R31031	FINITE ELEMENT METHODS	18	35	4
12BJ1A0321	R31034	THERMAL ENGINEERING-II	20	17	0
12BJ1A0321	R31036	METAL CUTTING & MACHINE TOOLS	23	1	0
12BJ1A0322	R31031	FINITE ELEMENT METHODS	15	0	0
12BJ1A0322	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0322	R31033	DYNAMICS OF MACHINERY	8	0	0
12BJ1A0322	R31034	THERMAL ENGINEERING-II	8	0	0
12BJ1A0322	R31035	DESIGN OF MACHINE MEMBERS-I	3	1	0
12BJ1A0322	R31036	METAL CUTTING & MACHINE TOOLS	12	0	0
12BJ1A0325	R31031	FINITE ELEMENT METHODS	22	3	0
12BJ1A0325	R31032	OPERATIONS RESEARCH	22	0	0
12BJ1A0325	R31034	THERMAL ENGINEERING-II	19	4	0
12BJ1A0326	R31032	OPERATIONS RESEARCH	22	45	4
12BJ1A0326	R31035	DESIGN OF MACHINE MEMBERS-I	22	63	4
12BJ1A0327	R31031	FINITE ELEMENT METHODS	17	0	0
12BJ1A0327	R31032	OPERATIONS RESEARCH	14	52	4
12BJ1A0327	R31035	DESIGN OF MACHINE MEMBERS-I	15	43	4
12BJ1A0327	R31036	METAL CUTTING & MACHINE TOOLS	22	0	0
12BJ1A0328	R31031	FINITE ELEMENT METHODS	20	8	0
12BJ1A0328	R31032	OPERATIONS RESEARCH	18	35	4
12BJ1A0328	R31033	DYNAMICS OF MACHINERY	15	12	0
12BJ1A0328	R31034	THERMAL ENGINEERING-II	18	29	4
12BJ1A0328	R31035	DESIGN OF MACHINE MEMBERS-I	14	26	4
12BJ1A0329	R31031	FINITE ELEMENT METHODS	13	34	4
12BJ1A0329	R31032	OPERATIONS RESEARCH	12	30	4
12BJ1A0329	R31034	THERMAL ENGINEERING-II	8	0	0
12BJ1A0329	R31036	METAL CUTTING & MACHINE TOOLS	13	0	0
12BJ1A0330	R31031	FINITE ELEMENT METHODS	21	44	4
12BJ1A0330	R31032	OPERATIONS RESEARCH	17	35	4
12BJ1A0331	R31034	THERMAL ENGINEERING-II	20	0	0
12BJ1A0331	R31035	DESIGN OF MACHINE MEMBERS-I	16	28	4
12BJ1A0331	R31036	METAL CUTTING & MACHINE TOOLS	24	0	0
12BJ1A0332	R31031	FINITE ELEMENT METHODS	21	6	0
12BJ1A0333	R31031	FINITE ELEMENT METHODS	14	1	0
12BJ1A0333	R31032	OPERATIONS RESEARCH	15	-1	0
12BJ1A0333	R31033	DYNAMICS OF MACHINERY	17	-1	0
12BJ1A0333	R31034	THERMAL ENGINEERING-II	19	1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0333	R31035	DESIGN OF MACHINE MEMBERS-I	13	10	0
12BJ1A0333	R31036	METAL CUTTING & MACHINE TOOLS	17	20	0
12BJ1A0334	R31035	DESIGN OF MACHINE MEMBERS-I	17	0	0
12BJ1A0334	R31036	METAL CUTTING & MACHINE TOOLS	25	4	0
12BJ1A0336	R31033	DYNAMICS OF MACHINERY	17	38	4
12BJ1A0336	R31035	DESIGN OF MACHINE MEMBERS-I	20	34	4
12BJ1A0337	R31031	FINITE ELEMENT METHODS	20	0	0
12BJ1A0337	R31036	METAL CUTTING & MACHINE TOOLS	22	0	0
12BJ1A0339	R31031	FINITE ELEMENT METHODS	10	13	0
12BJ1A0339	R31032	OPERATIONS RESEARCH	16	0	0
12BJ1A0339	R31033	DYNAMICS OF MACHINERY	15	-1	0
12BJ1A0339	R31034	THERMAL ENGINEERING-II	19	2	0
12BJ1A0339	R31035	DESIGN OF MACHINE MEMBERS-I	12	9	0
12BJ1A0339	R31036	METAL CUTTING & MACHINE TOOLS	15	0	0
12BJ1A0340	R31031	FINITE ELEMENT METHODS	8	0	0
12BJ1A0340	R31032	OPERATIONS RESEARCH	2	7	0
12BJ1A0340	R31033	DYNAMICS OF MACHINERY	9	0	0
12BJ1A0340	R31034	THERMAL ENGINEERING-II	13	0	0
12BJ1A0340	R31035	DESIGN OF MACHINE MEMBERS-I	9	0	0
12BJ1A0340	R31036	METAL CUTTING & MACHINE TOOLS	17	0	0
12BJ1A0341	R31031	FINITE ELEMENT METHODS	18	35	4
12BJ1A0341	R31034	THERMAL ENGINEERING-II	8	33	4
12BJ1A0341	R31035	DESIGN OF MACHINE MEMBERS-I	11	5	0
12BJ1A0342	R31031	FINITE ELEMENT METHODS	22	31	4
12BJ1A0342	R31032	OPERATIONS RESEARCH	19	14	0
12BJ1A0342	R31034	THERMAL ENGINEERING-II	23	1	0
12BJ1A0343	R31031	FINITE ELEMENT METHODS	19	47	4
12BJ1A0343	R31032	OPERATIONS RESEARCH	11	33	4
12BJ1A0343	R31034	THERMAL ENGINEERING-II	4	16	0
12BJ1A0343	R31035	DESIGN OF MACHINE MEMBERS-I	9	38	4
12BJ1A0344	R31035	DESIGN OF MACHINE MEMBERS-I	21	38	4
12BJ1A0345	R31031	FINITE ELEMENT METHODS	20	10	0
12BJ1A0345	R31034	THERMAL ENGINEERING-II	13	16	0
12BJ1A0345	R31035	DESIGN OF MACHINE MEMBERS-I	15	30	4
12BJ1A0347	R31031	FINITE ELEMENT METHODS	18	35	4
12BJ1A0347	R31032	OPERATIONS RESEARCH	17	2	0
12BJ1A0347	R31033	DYNAMICS OF MACHINERY	21	0	0
12BJ1A0347	R31034	THERMAL ENGINEERING-II	14	0	0
12BJ1A0347	R31036	METAL CUTTING & MACHINE TOOLS	17	7	0
12BJ1A0348	R31031	FINITE ELEMENT METHODS	14	0	0
12BJ1A0348	R31033	DYNAMICS OF MACHINERY	15	37	4
12BJ1A0348	R31035	DESIGN OF MACHINE MEMBERS-I	6	34	4
12BJ1A0348	R31036	METAL CUTTING & MACHINE TOOLS	19	34	4
12BJ1A0349	R31031	FINITE ELEMENT METHODS	14	44	4
12BJ1A0349	R31032	OPERATIONS RESEARCH	16	0	0
12BJ1A0349	R31033	DYNAMICS OF MACHINERY	15	4	0
12BJ1A0349	R31035	DESIGN OF MACHINE MEMBERS-I	13	3	0
12BJ1A0349	R31036	METAL CUTTING & MACHINE TOOLS	23	2	0
12BJ1A0350	R31033	DYNAMICS OF MACHINERY	19	14	0
12BJ1A0350	R31036	METAL CUTTING & MACHINE TOOLS	20	34	4
12BJ1A0352	R31033	DYNAMICS OF MACHINERY	16	49	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0352	R31034	THERMAL ENGINEERING-II	8	14	0
12BJ1A0353	R31031	FINITE ELEMENT METHODS	21	0	0
12BJ1A0353	R31032	OPERATIONS RESEARCH	4	4	0
12BJ1A0353	R31033	DYNAMICS OF MACHINERY	8	18	0
12BJ1A0353	R31034	THERMAL ENGINEERING-II	16	0	0
12BJ1A0353	R31035	DESIGN OF MACHINE MEMBERS-I	17	0	0
12BJ1A0355	R31032	OPERATIONS RESEARCH	14	10	0
12BJ1A0355	R31035	DESIGN OF MACHINE MEMBERS-I	17	12	0
12BJ1A0357	R31031	FINITE ELEMENT METHODS	24	58	4
12BJ1A0358	R31031	FINITE ELEMENT METHODS	22	26	4
12BJ1A0358	R31032	OPERATIONS RESEARCH	10	9	0
12BJ1A0358	R31033	DYNAMICS OF MACHINERY	11	11	0
12BJ1A0358	R31034	THERMAL ENGINEERING-II	14	16	0
12BJ1A0358	R31036	METAL CUTTING & MACHINE TOOLS	21	26	4
12BJ1A0359	R31032	OPERATIONS RESEARCH	13	16	0
12BJ1A0361	R31031	FINITE ELEMENT METHODS	17	52	4
12BJ1A0361	R31032	OPERATIONS RESEARCH	9	19	0
12BJ1A0362	R31031	FINITE ELEMENT METHODS	14	13	0
12BJ1A0362	R31032	OPERATIONS RESEARCH	2	0	0
12BJ1A0362	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0362	R31034	THERMAL ENGINEERING-II	5	0	0
12BJ1A0362	R31035	DESIGN OF MACHINE MEMBERS-I	1	16	0
12BJ1A0362	R31036	METAL CUTTING & MACHINE TOOLS	12	14	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	0	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	16	0
12BJ1A0365	R31032	OPERATIONS RESEARCH	3	0	0
12BJ1A0365	R31033	DYNAMICS OF MACHINERY	10	1	0
12BJ1A0365	R31034	THERMAL ENGINEERING-II	6	0	0
12BJ1A0365	R31035	DESIGN OF MACHINE MEMBERS-I	17	0	0
12BJ1A0365	R31036	METAL CUTTING & MACHINE TOOLS	15	0	0
12BJ1A0366	R31031	FINITE ELEMENT METHODS	24	65	4
12BJ1A0366	R31032	OPERATIONS RESEARCH	11	16	0
12BJ1A0366	R31033	DYNAMICS OF MACHINERY	24	38	4
12BJ1A0366	R31034	THERMAL ENGINEERING-II	16	0	0
12BJ1A0366	R31036	METAL CUTTING & MACHINE TOOLS	24	44	4
12BJ1A0367	R31031	FINITE ELEMENT METHODS	20	10	0
12BJ1A0367	R31032	OPERATIONS RESEARCH	5	1	0
12BJ1A0367	R31033	DYNAMICS OF MACHINERY	15	0	0
12BJ1A0367	R31034	THERMAL ENGINEERING-II	17	0	0
12BJ1A0367	R31035	DESIGN OF MACHINE MEMBERS-I	18	0	0
12BJ1A0367	R31036	METAL CUTTING & MACHINE TOOLS	21	1	0
12BJ1A0368	R31036	METAL CUTTING & MACHINE TOOLS	20	21	0
12BJ1A0369	R31031	FINITE ELEMENT METHODS	4	18	0
12BJ1A0369	R31032	OPERATIONS RESEARCH	3	0	0
12BJ1A0369	R31033	DYNAMICS OF MACHINERY	12	4	0
12BJ1A0369	R31034	THERMAL ENGINEERING-II	9	1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0369	R31035	DESIGN OF MACHINE MEMBERS-I	0	0	0
12BJ1A0371	R31034	THERMAL ENGINEERING-II	13	18	0
12BJ1A0372	R31035	DESIGN OF MACHINE MEMBERS-I	16	23	0
12BJ1A0373	R31031	FINITE ELEMENT METHODS	18	11	0
12BJ1A0373	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0373	R31033	DYNAMICS OF MACHINERY	16	0	0
12BJ1A0373	R31034	THERMAL ENGINEERING-II	13	0	0
12BJ1A0373	R31035	DESIGN OF MACHINE MEMBERS-I	15	0	0
12BJ1A0373	R31036	METAL CUTTING & MACHINE TOOLS	17	0	0
12BJ1A0374	R31031	FINITE ELEMENT METHODS	12	47	4
12BJ1A0374	R31032	OPERATIONS RESEARCH	8	12	0
12BJ1A0374	R31033	DYNAMICS OF MACHINERY	11	1	0
12BJ1A0374	R31034	THERMAL ENGINEERING-II	11	0	0
12BJ1A0374	R31036	METAL CUTTING & MACHINE TOOLS	15	0	0
12BJ1A0376	R31034	THERMAL ENGINEERING-II	19	10	0
12BJ1A0376	R31035	DESIGN OF MACHINE MEMBERS-I	22	39	4
12BJ1A0378	R31031	FINITE ELEMENT METHODS	18	26	4
12BJ1A0378	R31033	DYNAMICS OF MACHINERY	16	6	0
12BJ1A0378	R31034	THERMAL ENGINEERING-II	13	28	4
12BJ1A0379	R31031	FINITE ELEMENT METHODS	4	36	4
12BJ1A0379	R31032	OPERATIONS RESEARCH	8	0	0
12BJ1A0379	R31033	DYNAMICS OF MACHINERY	10	0	0
12BJ1A0379	R31034	THERMAL ENGINEERING-II	13	0	0
12BJ1A0379	R31036	METAL CUTTING & MACHINE TOOLS	19	3	0
12BJ1A0379	R31037	THERMAL ENGINEERING LAB	22	41	2
12BJ1A0380	R31031	FINITE ELEMENT METHODS	13	19	0
12BJ1A0380	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0380	R31033	DYNAMICS OF MACHINERY	15	14	0
12BJ1A0380	R31034	THERMAL ENGINEERING-II	7	7	0
12BJ1A0380	R31035	DESIGN OF MACHINE MEMBERS-I	15	0	0
12BJ1A0380	R31036	METAL CUTTING & MACHINE TOOLS	16	0	0
12BJ1A0381	R31033	DYNAMICS OF MACHINERY	16	12	0
12BJ1A0382	R31031	FINITE ELEMENT METHODS	13	11	0
12BJ1A0382	R31033	DYNAMICS OF MACHINERY	12	11	0
12BJ1A0382	R31034	THERMAL ENGINEERING-II	11	0	0
12BJ1A0382	R31035	DESIGN OF MACHINE MEMBERS-I	10	5	0
12BJ1A0382	R31036	METAL CUTTING & MACHINE TOOLS	17	0	0
12BJ1A0383	R31031	FINITE ELEMENT METHODS	5	13	0
12BJ1A0383	R31032	OPERATIONS RESEARCH	8	0	0
12BJ1A0383	R31033	DYNAMICS OF MACHINERY	11	0	0
12BJ1A0383	R31034	THERMAL ENGINEERING-II	6	0	0
12BJ1A0383	R31035	DESIGN OF MACHINE MEMBERS-I	7	0	0
12BJ1A0383	R31036	METAL CUTTING & MACHINE TOOLS	17	0	0
12BJ1A0386	R31031	FINITE ELEMENT METHODS	21	35	4
12BJ1A0386	R31032	OPERATIONS RESEARCH	10	0	0
12BJ1A0386	R31033	DYNAMICS OF MACHINERY	21	0	0
12BJ1A0386	R31034	THERMAL ENGINEERING-II	15	0	0
12BJ1A0386	R31035	DESIGN OF MACHINE MEMBERS-I	21	0	0
12BJ1A0387	R31031	FINITE ELEMENT METHODS	11	31	4
12BJ1A0387	R31032	OPERATIONS RESEARCH	11	0	0
12BJ1A0387	R31033	DYNAMICS OF MACHINERY	12	3	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0387	R31034	THERMAL ENGINEERING-II	10	32	4
12BJ1A0387	R31035	DESIGN OF MACHINE MEMBERS-I	17	8	0
12BJ1A0387	R31036	METAL CUTTING & MACHINE TOOLS	15	5	0
12BJ1A0388	R31031	FINITE ELEMENT METHODS	22	13	0
12BJ1A0388	R31032	OPERATIONS RESEARCH	6	0	0
12BJ1A0388	R31033	DYNAMICS OF MACHINERY	15	5	0
12BJ1A0388	R31034	THERMAL ENGINEERING-II	6	0	0
12BJ1A0388	R31036	METAL CUTTING & MACHINE TOOLS	14	-1	0
12BJ1A0389	R31031	FINITE ELEMENT METHODS	21	13	0
12BJ1A0389	R31032	OPERATIONS RESEARCH	7	2	0
12BJ1A0389	R31033	DYNAMICS OF MACHINERY	15	8	0
12BJ1A0389	R31034	THERMAL ENGINEERING-II	10	0	0
12BJ1A0389	R31035	DESIGN OF MACHINE MEMBERS-I	18	0	0
12BJ1A0390	R31031	FINITE ELEMENT METHODS	13	36	4
12BJ1A0390	R31033	DYNAMICS OF MACHINERY	23	2	0
12BJ1A0390	R31034	THERMAL ENGINEERING-II	14	0	0
12BJ1A0390	R31035	DESIGN OF MACHINE MEMBERS-I	18	0	0
12BJ1A0390	R31036	METAL CUTTING & MACHINE TOOLS	20	4	0
12BJ1A0391	R31031	FINITE ELEMENT METHODS	16	53	4
12BJ1A0393	R31031	FINITE ELEMENT METHODS	13	8	0
12BJ1A0393	R31032	OPERATIONS RESEARCH	7	0	0
12BJ1A0393	R31033	DYNAMICS OF MACHINERY	11	0	0
12BJ1A0393	R31034	THERMAL ENGINEERING-II	9	0	0
12BJ1A0393	R31035	DESIGN OF MACHINE MEMBERS-I	16	0	0
12BJ1A0393	R31036	METAL CUTTING & MACHINE TOOLS	22	0	0
12BJ1A0394	R31031	FINITE ELEMENT METHODS	6	-1	0
12BJ1A0394	R31032	OPERATIONS RESEARCH	5	-1	0
12BJ1A0394	R31033	DYNAMICS OF MACHINERY	12	-1	0
12BJ1A0394	R31034	THERMAL ENGINEERING-II	2	-1	0
12BJ1A0394	R31035	DESIGN OF MACHINE MEMBERS-I	9	-1	0
12BJ1A0394	R31036	METAL CUTTING & MACHINE TOOLS	15	-1	0
12BJ1A0395	R31031	FINITE ELEMENT METHODS	12	30	4
12BJ1A0395	R31033	DYNAMICS OF MACHINERY	14	0	0
12BJ1A0395	R31034	THERMAL ENGINEERING-II	9	3	0
12BJ1A0395	R31035	DESIGN OF MACHINE MEMBERS-I	13	27	4
12BJ1A0395	R31036	METAL CUTTING & MACHINE TOOLS	15	0	0
12BJ1A0403	R31046	DIGITAL COMMUNICATIONS	25	50	4
12BJ1A0405	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	23	14	0
12BJ1A0405	R31042	DIGITAL IC APPLICATIONS	19	7	0
12BJ1A0405	R31043	LINEAR IC APPLICATIONS	23	4	0
12BJ1A0405	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	24	-1	0
12BJ1A0405	R31045	ANTENNAS AND WAVE PROPAGATION	24	3	0
12BJ1A0405	R31046	DIGITAL COMMUNICATIONS	18	8	0
12BJ1A0411	R31043	LINEAR IC APPLICATIONS	24	4	0
12BJ1A0411	R31045	ANTENNAS AND WAVE PROPAGATION	21	18	0
12BJ1A0411	R31046	DIGITAL COMMUNICATIONS	23	30	4
12BJ1A0412	R31042	DIGITAL IC APPLICATIONS	21	0	0
12BJ1A0412	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A0413	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	23	60	4
12BJ1A0413	R31042	DIGITAL IC APPLICATIONS	23	28	4
12BJ1A0414	R31043	LINEAR IC APPLICATIONS	24	26	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0414	R31045	ANTENNAS AND WAVE PROPAGATION	25	30	4
12BJ1A0417	R31042	DIGITAL IC APPLICATIONS	22	43	4
12BJ1A0420	R31043	LINEAR IC APPLICATIONS	23	17	0
12BJ1A0420	R31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
12BJ1A0421	R31042	DIGITAL IC APPLICATIONS	24	43	4
12BJ1A0423	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	22	7	0
12BJ1A0424	R31046	DIGITAL COMMUNICATIONS	23	39	4
12BJ1A0425	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	4	0
12BJ1A0425	R31042	DIGITAL IC APPLICATIONS	16	9	0
12BJ1A0425	R31045	ANTENNAS AND WAVE PROPAGATION	17	8	0
12BJ1A0426	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	18	0
12BJ1A0426	R31042	DIGITAL IC APPLICATIONS	15	0	0
12BJ1A0426	R31043	LINEAR IC APPLICATIONS	18	-1	0
12BJ1A0426	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	0	0
12BJ1A0426	R31045	ANTENNAS AND WAVE PROPAGATION	13	11	0
12BJ1A0426	R31046	DIGITAL COMMUNICATIONS	13	6	0
12BJ1A0427	R31043	LINEAR IC APPLICATIONS	6	12	0
12BJ1A0427	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	10	7	0
12BJ1A0427	R31045	ANTENNAS AND WAVE PROPAGATION	8	21	0
12BJ1A0428	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	30	4
12BJ1A0428	R31042	DIGITAL IC APPLICATIONS	14	2	0
12BJ1A0428	R31043	LINEAR IC APPLICATIONS	23	26	4
12BJ1A0428	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	2	0
12BJ1A0428	R31045	ANTENNAS AND WAVE PROPAGATION	22	8	0
12BJ1A0428	R31046	DIGITAL COMMUNICATIONS	18	10	0
12BJ1A0429	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	43	4
12BJ1A0429	R31042	DIGITAL IC APPLICATIONS	14	0	0
12BJ1A0429	R31043	LINEAR IC APPLICATIONS	23	31	4
12BJ1A0429	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	33	4
12BJ1A0429	R31045	ANTENNAS AND WAVE PROPAGATION	22	4	0
12BJ1A0429	R31046	DIGITAL COMMUNICATIONS	16	1	0
12BJ1A0430	R31042	DIGITAL IC APPLICATIONS	22	30	4
12BJ1A0430	R31043	LINEAR IC APPLICATIONS	24	26	4
12BJ1A0431	R31042	DIGITAL IC APPLICATIONS	14	0	0
12BJ1A0431	R31043	LINEAR IC APPLICATIONS	17	0	0
12BJ1A0431	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	18	0	0
12BJ1A0431	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A0431	R31046	DIGITAL COMMUNICATIONS	17	4	0
12BJ1A0432	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	2	0
12BJ1A0432	R31042	DIGITAL IC APPLICATIONS	16	2	0
12BJ1A0432	R31043	LINEAR IC APPLICATIONS	21	4	0
12BJ1A0432	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	19	19	0
12BJ1A0432	R31045	ANTENNAS AND WAVE PROPAGATION	24	9	0
12BJ1A0432	R31046	DIGITAL COMMUNICATIONS	16	2	0
12BJ1A0433	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	9	0
12BJ1A0433	R31042	DIGITAL IC APPLICATIONS	19	0	0
12BJ1A0433	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A0433	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	7	13	0
12BJ1A0433	R31045	ANTENNAS AND WAVE PROPAGATION	22	0	0
12BJ1A0434	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	16	-1	0
12BJ1A0434	R31045	ANTENNAS AND WAVE PROPAGATION	14	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0434	R31046	DIGITAL COMMUNICATIONS	22	-1	0
12BJ1A0435	R31045	ANTENNAS AND WAVE PROPAGATION	24	13	0
12BJ1A0435	R31046	DIGITAL COMMUNICATIONS	21	30	4
12BJ1A0436	R31042	DIGITAL IC APPLICATIONS	20	0	0
12BJ1A0436	R31043	LINEAR IC APPLICATIONS	24	0	0
12BJ1A0436	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	4	0
12BJ1A0436	R31045	ANTENNAS AND WAVE PROPAGATION	24	13	0
12BJ1A0436	R31046	DIGITAL COMMUNICATIONS	21	0	0
12BJ1A0437	R31042	DIGITAL IC APPLICATIONS	21	12	0
12BJ1A0437	R31043	LINEAR IC APPLICATIONS	23	14	0
12BJ1A0437	R31045	ANTENNAS AND WAVE PROPAGATION	24	15	0
12BJ1A0438	R31042	DIGITAL IC APPLICATIONS	22	5	0
12BJ1A0438	R31043	LINEAR IC APPLICATIONS	23	30	4
12BJ1A0438	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	22	26	4
12BJ1A0439	R31042	DIGITAL IC APPLICATIONS	23	26	4
12BJ1A0439	R31043	LINEAR IC APPLICATIONS	25	28	4
12BJ1A0439	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	38	4
12BJ1A0439	R31045	ANTENNAS AND WAVE PROPAGATION	24	7	0
12BJ1A0439	R31046	DIGITAL COMMUNICATIONS	21	2	0
12BJ1A0440	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	26	4
12BJ1A0440	R31042	DIGITAL IC APPLICATIONS	24	10	0
12BJ1A0440	R31043	LINEAR IC APPLICATIONS	23	26	4
12BJ1A0440	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	25	28	4
12BJ1A0440	R31045	ANTENNAS AND WAVE PROPAGATION	24	6	0
12BJ1A0440	R31046	DIGITAL COMMUNICATIONS	24	5	0
12BJ1A0441	R31045	ANTENNAS AND WAVE PROPAGATION	24	18	0
12BJ1A0442	R31042	DIGITAL IC APPLICATIONS	20	8	0
12BJ1A0443	R31042	DIGITAL IC APPLICATIONS	20	0	0
12BJ1A0443	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A0443	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	14	0
12BJ1A0443	R31046	DIGITAL COMMUNICATIONS	20	7	0
12BJ1A0444	R31042	DIGITAL IC APPLICATIONS	20	0	0
12BJ1A0444	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A0444	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	22	0	0
12BJ1A0444	R31045	ANTENNAS AND WAVE PROPAGATION	21	0	0
12BJ1A0444	R31046	DIGITAL COMMUNICATIONS	22	0	0
12BJ1A0445	R31045	ANTENNAS AND WAVE PROPAGATION	25	8	0
12BJ1A0447	R31043	LINEAR IC APPLICATIONS	19	15	0
12BJ1A0447	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	18	0
12BJ1A0447	R31046	DIGITAL COMMUNICATIONS	15	6	0
12BJ1A0448	R31042	DIGITAL IC APPLICATIONS	19	14	0
12BJ1A0448	R31045	ANTENNAS AND WAVE PROPAGATION	22	21	0
12BJ1A0448	R31046	DIGITAL COMMUNICATIONS	21	11	0
12BJ1A0450	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	11	0
12BJ1A0450	R31042	DIGITAL IC APPLICATIONS	5	16	0
12BJ1A0450	R31043	LINEAR IC APPLICATIONS	15	7	0
12BJ1A0450	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	10	16	0
12BJ1A0450	R31045	ANTENNAS AND WAVE PROPAGATION	9	15	0
12BJ1A0450	R31046	DIGITAL COMMUNICATIONS	10	3	0
12BJ1A0451	R31042	DIGITAL IC APPLICATIONS	15	16	0
12BJ1A0451	R31043	LINEAR IC APPLICATIONS	23	38	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0451	R31046	DIGITAL COMMUNICATIONS	21	4	0
12BJ1A0452	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A0452	R31046	DIGITAL COMMUNICATIONS	16	0	0
12BJ1A0453	R31042	DIGITAL IC APPLICATIONS	20	6	0
12BJ1A0453	R31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
12BJ1A0453	R31046	DIGITAL COMMUNICATIONS	20	4	0
12BJ1A0454	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	19	0
12BJ1A0454	R31042	DIGITAL IC APPLICATIONS	18	5	0
12BJ1A0454	R31043	LINEAR IC APPLICATIONS	19	10	0
12BJ1A0454	R31046	DIGITAL COMMUNICATIONS	21	7	0
12BJ1A0456	R31043	LINEAR IC APPLICATIONS	23	13	0
12BJ1A0456	R31045	ANTENNAS AND WAVE PROPAGATION	15	12	0
12BJ1A0456	R31046	DIGITAL COMMUNICATIONS	14	0	0
12BJ1A0457	R31042	DIGITAL IC APPLICATIONS	18	28	4
12BJ1A0457	R31045	ANTENNAS AND WAVE PROPAGATION	24	9	0
12BJ1A0457	R31046	DIGITAL COMMUNICATIONS	16	2	0
12BJ1A0458	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	19	30	4
12BJ1A0458	R31042	DIGITAL IC APPLICATIONS	18	30	4
12BJ1A0458	R31043	LINEAR IC APPLICATIONS	24	26	4
12BJ1A0458	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	25	31	4
12BJ1A0458	R31045	ANTENNAS AND WAVE PROPAGATION	24	32	4
12BJ1A0458	R31046	DIGITAL COMMUNICATIONS	19	0	0
12BJ1A0459	R31043	LINEAR IC APPLICATIONS	19	33	4
12BJ1A0459	R31046	DIGITAL COMMUNICATIONS	19	2	0
12BJ1A0460	R31042	DIGITAL IC APPLICATIONS	20	7	0
12BJ1A0460	R31043	LINEAR IC APPLICATIONS	21	8	0
12BJ1A0460	R31046	DIGITAL COMMUNICATIONS	23	16	0
12BJ1A0461	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	26	4
12BJ1A0461	R31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
12BJ1A0461	R31046	DIGITAL COMMUNICATIONS	20	28	4
12BJ1A0463	R31043	LINEAR IC APPLICATIONS	24	8	0
12BJ1A0463	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	24	13	0
12BJ1A0463	R31046	DIGITAL COMMUNICATIONS	21	18	0
12BJ1A0466	R31042	DIGITAL IC APPLICATIONS	23	32	4
12BJ1A0468	R31042	DIGITAL IC APPLICATIONS	22	28	4
12BJ1A0468	R31045	ANTENNAS AND WAVE PROPAGATION	25	27	4
12BJ1A0468	R31046	DIGITAL COMMUNICATIONS	24	38	4
12BJ1A0469	R31045	ANTENNAS AND WAVE PROPAGATION	25	30	4
12BJ1A0472	R31043	LINEAR IC APPLICATIONS	22	38	4
12BJ1A0472	R31045	ANTENNAS AND WAVE PROPAGATION	22	36	4
12BJ1A0472	R31046	DIGITAL COMMUNICATIONS	19	39	4
12BJ1A0474	R31042	DIGITAL IC APPLICATIONS	20	26	4
12BJ1A0474	R31043	LINEAR IC APPLICATIONS	20	26	4
12BJ1A0476	R31045	ANTENNAS AND WAVE PROPAGATION	25	5	0
12BJ1A0476	R31046	DIGITAL COMMUNICATIONS	20	52	4
12BJ1A0478	R31042	DIGITAL IC APPLICATIONS	25	40	4
12BJ1A0478	R31043	LINEAR IC APPLICATIONS	24	40	4
12BJ1A0480	R31042	DIGITAL IC APPLICATIONS	14	15	0
12BJ1A0480	R31043	LINEAR IC APPLICATIONS	19	0	0
12BJ1A0480	R31045	ANTENNAS AND WAVE PROPAGATION	23	-1	0
12BJ1A0480	R31046	DIGITAL COMMUNICATIONS	20	-1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0481	R31042	DIGITAL IC APPLICATIONS	22	0	0
12BJ1A0481	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A0481	R31045	ANTENNAS AND WAVE PROPAGATION	24	8	0
12BJ1A0481	R31046	DIGITAL COMMUNICATIONS	22	26	4
12BJ1A0482	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	2	0
12BJ1A0482	R31042	DIGITAL IC APPLICATIONS	17	0	0
12BJ1A0482	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A0482	R31046	DIGITAL COMMUNICATIONS	19	2	0
12BJ1A0484	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	11	10	0
12BJ1A0484	R31042	DIGITAL IC APPLICATIONS	22	2	0
12BJ1A0484	R31043	LINEAR IC APPLICATIONS	21	5	0
12BJ1A0484	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	6	0
12BJ1A0484	R31045	ANTENNAS AND WAVE PROPAGATION	20	1	0
12BJ1A0484	R31046	DIGITAL COMMUNICATIONS	16	32	4
12BJ1A0485	R31045	ANTENNAS AND WAVE PROPAGATION	25	16	0
12BJ1A0486	R31042	DIGITAL IC APPLICATIONS	23	17	0
12BJ1A0486	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A0486	R31046	DIGITAL COMMUNICATIONS	18	18	0
12BJ1A0488	R31046	DIGITAL COMMUNICATIONS	23	39	4
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 INSTRUMENTATIONS	14	0	0
12BJ1A0489	R31045	ANTENNAS AND WAVE PROPAGATION	17	0	0
12BJ1A0489	R31046	DIGITAL COMMUNICATIONS	19	0	0
12BJ1A0490	R31042	DIGITAL IC APPLICATIONS	17	7	0
12BJ1A0490	R31043	LINEAR IC APPLICATIONS	16	0	0
12BJ1A0490	R31045	ANTENNAS AND WAVE PROPAGATION	19	32	4
12BJ1A0490	R31046	DIGITAL COMMUNICATIONS	18	-1	0
12BJ1A0492	R31043	LINEAR IC APPLICATIONS	21	-1	0
12BJ1A0492	R31045	ANTENNAS AND WAVE PROPAGATION	22	5	0
12BJ1A0492	R31046	DIGITAL COMMUNICATIONS	16	20	0
12BJ1A0493	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	12	19	0
12BJ1A0493	R31042	DIGITAL IC APPLICATIONS	18	2	0
12BJ1A0493	R31043	LINEAR IC APPLICATIONS	17	0	0
12BJ1A0493	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	15	11	0
12BJ1A0493	R31045	ANTENNAS AND WAVE PROPAGATION	22	3	0
12BJ1A0493	R31046	DIGITAL COMMUNICATIONS	16	26	4
12BJ1A0494	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	4	0
12BJ1A0494	R31042	DIGITAL IC APPLICATIONS	20	1	0
12BJ1A0494	R31043	LINEAR IC APPLICATIONS	20	0	0
12BJ1A0494	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	37	4
12BJ1A0494	R31045	ANTENNAS AND WAVE PROPAGATION	23	3	0
12BJ1A0494	R31046	DIGITAL COMMUNICATIONS	17	0	0
12BJ1A0497	R31042	DIGITAL IC APPLICATIONS	21	26	4
12BJ1A0497	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A0497	R31045	ANTENNAS AND WAVE PROPAGATION	23	28	4
12BJ1A0497	R31046	DIGITAL COMMUNICATIONS	20	42	4
12BJ1A0498	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	40	4
12BJ1A0498	R31045	ANTENNAS AND WAVE PROPAGATION	19	14	0
12BJ1A04A0	R31042	DIGITAL IC APPLICATIONS	18	12	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04A0	R31043	LINEAR IC APPLICATIONS	16	30	4
12BJ1A04A0	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	17	30	4
12BJ1A04A0	R31046	DIGITAL COMMUNICATIONS	16	9	0
12BJ1A04A1	R31043	LINEAR IC APPLICATIONS	23	50	4
12BJ1A04A1	R31046	DIGITAL COMMUNICATIONS	20	42	4
12BJ1A04A3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	13	0
12BJ1A04A3	R31042	DIGITAL IC APPLICATIONS	19	0	0
12BJ1A04A3	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A04A3	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	17	0
12BJ1A04A3	R31046	DIGITAL COMMUNICATIONS	21	0	0
12BJ1A04A4	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	7	33	4
12BJ1A04A4	R31042	DIGITAL IC APPLICATIONS	20	6	0
12BJ1A04A4	R31043	LINEAR IC APPLICATIONS	22	0	0
12BJ1A04A4	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	29	4
12BJ1A04A4	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A04A4	R31046	DIGITAL COMMUNICATIONS	23	0	0
12BJ1A04A5	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	6	0
12BJ1A04A5	R31042	DIGITAL IC APPLICATIONS	23	0	0
12BJ1A04A5	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A04A5	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	19	15	0
12BJ1A04A5	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
12BJ1A04A5	R31046	DIGITAL COMMUNICATIONS	18	0	0
12BJ1A04A6	R31045	ANTENNAS AND WAVE PROPAGATION	23	46	4
12BJ1A04A7	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	40	4
12BJ1A04A7	R31042	DIGITAL IC APPLICATIONS	20	8	0
12BJ1A04A7	R31043	LINEAR IC APPLICATIONS	19	0	0
12BJ1A04A7	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	20	3	0
12BJ1A04A7	R31045	ANTENNAS AND WAVE PROPAGATION	21	1	0
12BJ1A04A9	R31042	DIGITAL IC APPLICATIONS	23	11	0
12BJ1A04A9	R31043	LINEAR IC APPLICATIONS	23	6	0
12BJ1A04A9	R31045	ANTENNAS AND WAVE PROPAGATION	25	3	0
12BJ1A04B0	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	9	0
12BJ1A04B0	R31042	DIGITAL IC APPLICATIONS	14	0	0
12BJ1A04B0	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	4	0
12BJ1A04B1	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	12	0
12BJ1A04B1	R31042	DIGITAL IC APPLICATIONS	19	0	0
12BJ1A04B1	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A04B1	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	18	2	0
12BJ1A04B1	R31045	ANTENNAS AND WAVE PROPAGATION	23	1	0
12BJ1A04B1	R31046	DIGITAL COMMUNICATIONS	20	0	0
12BJ1A04B2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	8	0
12BJ1A04B2	R31042	DIGITAL IC APPLICATIONS	22	0	0
12BJ1A04B2	R31043	LINEAR IC APPLICATIONS	19	3	0
12BJ1A04B2	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	2	0	0
12BJ1A04B2	R31045	ANTENNAS AND WAVE PROPAGATION	8	0	0
12BJ1A04B2	R31046	DIGITAL COMMUNICATIONS	19	0	0
12BJ1A04B3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	40	4
12BJ1A04B3	R31042	DIGITAL IC APPLICATIONS	18	7	0
12BJ1A04B3	R31043	LINEAR IC APPLICATIONS	17	0	0
12BJ1A04B3	R31045	ANTENNAS AND WAVE PROPAGATION	22	15	0
12BJ1A04B3	R31046	DIGITAL COMMUNICATIONS	19	3	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04B4	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	18	0
12BJ1A04B4	R31042	DIGITAL IC APPLICATIONS	20	-1	0
12BJ1A04B4	R31043	LINEAR IC APPLICATIONS	21	0	0
12BJ1A04B4	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	2	15	0
12BJ1A04B4	R31045	ANTENNAS AND WAVE PROPAGATION	8	6	0
12BJ1A04B4	R31046	DIGITAL COMMUNICATIONS	16	3	0
12BJ1A04B7	R31042	DIGITAL IC APPLICATIONS	20	44	4
12BJ1A04B7	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	33	4
12BJ1A04B8	R31042	DIGITAL IC APPLICATIONS	20	2	0
12BJ1A04B8	R31043	LINEAR IC APPLICATIONS	21	12	0
12BJ1A04B9	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	16	20	0
12BJ1A04B9	R31043	LINEAR IC APPLICATIONS	21	4	0
12BJ1A04B9	R31045	ANTENNAS AND WAVE PROPAGATION	21	2	0
12BJ1A04B9	R31046	DIGITAL COMMUNICATIONS	20	-1	0
12BJ1A04C2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	-1	0
12BJ1A04C2	R31042	DIGITAL IC APPLICATIONS	24	26	4
12BJ1A04C2	R31043	LINEAR IC APPLICATIONS	24	39	4
12BJ1A04C5	R31042	DIGITAL IC APPLICATIONS	24	12	0
12BJ1A04C5	R31043	LINEAR IC APPLICATIONS	24	46	4
12BJ1A04C6	R31045	ANTENNAS AND WAVE PROPAGATION	24	14	0
12BJ1A04C8	R31042	DIGITAL IC APPLICATIONS	23	39	4
12BJ1A04C8	R31043	LINEAR IC APPLICATIONS	24	26	4
12BJ1A04C8	R31045	ANTENNAS AND WAVE PROPAGATION	24	7	0
12BJ1A04D1	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	40	4
12BJ1A04D1	R31042	DIGITAL IC APPLICATIONS	22	32	4
12BJ1A04D1	R31043	LINEAR IC APPLICATIONS	20	11	0
12BJ1A04D2	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	0	0
12BJ1A04D2	R31042	DIGITAL IC APPLICATIONS	8	0	0
12BJ1A04D2	R31043	LINEAR IC APPLICATIONS	17	0	0
12BJ1A04D2	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	18	0	0
12BJ1A04D2	R31045	ANTENNAS AND WAVE PROPAGATION	22	0	0
12BJ1A04D2	R31046	DIGITAL COMMUNICATIONS	19	0	0
12BJ1A04D3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	8	2	0
12BJ1A04D3	R31042	DIGITAL IC APPLICATIONS	5	0	0
12BJ1A04D3	R31043	LINEAR IC APPLICATIONS	15	0	0
12BJ1A04D3	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	4	0	0
12BJ1A04D3	R31045	ANTENNAS AND WAVE PROPAGATION	3	0	0
12BJ1A04D3	R31046	DIGITAL COMMUNICATIONS	7	-1	0
12BJ1A04D4	R31042	DIGITAL IC APPLICATIONS	14	26	4
12BJ1A04D4	R31045	ANTENNAS AND WAVE PROPAGATION	21	14	0
12BJ1A04D5	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	2	0
12BJ1A04D5	R31042	DIGITAL IC APPLICATIONS	22	0	0
12BJ1A04D5	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A04D5	R31046	DIGITAL COMMUNICATIONS	20	7	0
12BJ1A04D7	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	9	0
12BJ1A04D7	R31042	DIGITAL IC APPLICATIONS	20	5	0
12BJ1A04D7	R31043	LINEAR IC APPLICATIONS	21	5	0
12BJ1A04D7	R31045	ANTENNAS AND WAVE PROPAGATION	23	12	0
12BJ1A04D7	R31046	DIGITAL COMMUNICATIONS	16	6	0
12BJ1A04D8	R31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
12BJ1A04D9	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	15	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04D9	R31042	DIGITAL IC APPLICATIONS	20	29	4
12BJ1A04D9	R31043	LINEAR IC APPLICATIONS	22	26	4
12BJ1A04E3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	0	0
12BJ1A04E3	R31042	DIGITAL IC APPLICATIONS	17	6	0
12BJ1A04E3	R31043	LINEAR IC APPLICATIONS	23	0	0
12BJ1A04E3	R31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
12BJ1A04E3	R31046	DIGITAL COMMUNICATIONS	20	-1	0
12BJ1A04E5	R31043	LINEAR IC APPLICATIONS	24	33	4
12BJ1A04E5	R31045	ANTENNAS AND WAVE PROPAGATION	23	9	0
12BJ1A04E6	R31042	DIGITAL IC APPLICATIONS	22	14	0
12BJ1A04E6	R31043	LINEAR IC APPLICATIONS	24	0	0
12BJ1A04E6	R31046	DIGITAL COMMUNICATIONS	22	41	4
12BJ1A0502	R31051	COMPILER DESIGN	18	40	4
12BJ1A0502	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	34	4
12BJ1A0504	R31054	COMPUTER GRAPHICS	20	46	4
12BJ1A0504	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	50	4
12BJ1A0506	R31051	COMPILER DESIGN	21	35	4
12BJ1A0506	R31053	ADVANCED DATA STRUCTURES	24	34	4
12BJ1A0507	R31054	COMPUTER GRAPHICS	16	26	4
12BJ1A0507	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	19	32	4
12BJ1A0507	R31056	OPERATIONG SYSTEMS	22	35	4
12BJ1A0508	R31051	COMPILER DESIGN	19	32	4
12BJ1A0508	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	31	4
12BJ1A0510	R31051	COMPILER DESIGN	18	28	4
12BJ1A0510	R31053	ADVANCED DATA STRUCTURES	21	30	4
12BJ1A0510	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	29	4
12BJ1A0510	R31056	OPERATIONG SYSTEMS	17	32	4
12BJ1A0511	R31051	COMPILER DESIGN	22	15	0
12BJ1A0511	R31054	COMPUTER GRAPHICS	23	26	4
12BJ1A0511	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	24	41	4
12BJ1A0511	R31056	OPERATIONG SYSTEMS	21	52	4
12BJ1A0512	R31051	COMPILER DESIGN	19	30	4
12BJ1A0512	R31054	COMPUTER GRAPHICS	20	6	0
12BJ1A0512	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	39	4
12BJ1A0515	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	34	4
12BJ1A0516	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	39	4
12BJ1A0519	R31054	COMPUTER GRAPHICS	15	34	4
12BJ1A0520	R31051	COMPILER DESIGN	11	6	0
12BJ1A0520	R31053	ADVANCED DATA STRUCTURES	14	1	0
12BJ1A0520	R31054	COMPUTER GRAPHICS	17	36	4
12BJ1A0524	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	51	4
12BJ1A0528	R31051	COMPILER DESIGN	18	33	4
12BJ1A0528	R31054	COMPUTER GRAPHICS	17	34	4
12BJ1A0528	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	33	4
12BJ1A0530	R31051	COMPILER DESIGN	9	40	4
12BJ1A0530	R31052	COMPUTER NETWORKS	5	20	0
12BJ1A0530	R31053	ADVANCED DATA STRUCTURES	12	13	0
12BJ1A0530	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	14	38	4
12BJ1A0530	R31056	OPERATIONG SYSTEMS	19	11	0
12BJ1A0531	R31051	COMPILER DESIGN	16	27	4
12BJ1A0531	R31054	COMPUTER GRAPHICS	13	27	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0531	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	26	4
12BJ1A0531	R31056	OPERATIONG SYSTEMS	11	12	0
12BJ1A0532	R31051	COMPILER DESIGN	14	10	0
12BJ1A0532	R31054	COMPUTER GRAPHICS	15	30	4
12BJ1A0532	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	39	4
12BJ1A0534	R31051	COMPILER DESIGN	17	43	4
12BJ1A0534	R31053	ADVANCED DATA STRUCTURES	16	4	0
12BJ1A0534	R31056	OPERATIONG SYSTEMS	19	30	4
12BJ1A0535	R31052	COMPUTER NETWORKS	13	12	0
12BJ1A0535	R31054	COMPUTER GRAPHICS	14	33	4
12BJ1A0535	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	33	4
12BJ1A0535	R31056	OPERATIONG SYSTEMS	17	6	0
12BJ1A0536	R31051	COMPILER DESIGN	20	46	4
12BJ1A0536	R31054	COMPUTER GRAPHICS	20	34	4
12BJ1A0536	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	42	4
12BJ1A0537	R31051	COMPILER DESIGN	15	30	4
12BJ1A0538	R31051	COMPILER DESIGN	17	13	0
12BJ1A0538	R31053	ADVANCED DATA STRUCTURES	15	30	4
12BJ1A0538	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	27	4
12BJ1A0542	R31051	COMPILER DESIGN	20	50	4
12BJ1A0543	R31051	COMPILER DESIGN	13	27	4
12BJ1A0543	R31052	COMPUTER NETWORKS	18	26	4
12BJ1A0543	R31054	COMPUTER GRAPHICS	18	0	0
12BJ1A0543	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	31	4
12BJ1A0543	R31056	OPERATIONG SYSTEMS	18	11	0
12BJ1A0545	R31054	COMPUTER GRAPHICS	21	30	4
12BJ1A0546	R31051	COMPILER DESIGN	17	28	4
12BJ1A0546	R31052	COMPUTER NETWORKS	16	26	4
12BJ1A0546	R31053	ADVANCED DATA STRUCTURES	20	-1	0
12BJ1A0546	R31054	COMPUTER GRAPHICS	19	26	4
12BJ1A0546	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	34	4
12BJ1A0546	R31056	OPERATIONG SYSTEMS	21	13	0
12BJ1A0547	R31052	COMPUTER NETWORKS	13	27	4
12BJ1A0547	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	31	4
12BJ1A0547	R31056	OPERATIONG SYSTEMS	23	30	4
12BJ1A0549	R31052	COMPUTER NETWORKS	16	16	0
12BJ1A0549	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	27	4
12BJ1A0549	R31056	OPERATIONG SYSTEMS	21	2	0
12BJ1A0551	R31053	ADVANCED DATA STRUCTURES	23	52	4
12BJ1A0552	R31051	COMPILER DESIGN	15	8	0
12BJ1A0552	R31052	COMPUTER NETWORKS	17	30	4
12BJ1A0552	R31053	ADVANCED DATA STRUCTURES	24	6	0
12BJ1A0552	R31056	OPERATIONG SYSTEMS	18	32	4
12BJ1A0553	R31051	COMPILER DESIGN	16	34	4
12BJ1A0553	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	23	44	4
12BJ1A0554	R31051	COMPILER DESIGN	18	26	4
12BJ1A0554	R31052	COMPUTER NETWORKS	19	14	0
12BJ1A0554	R31053	ADVANCED DATA STRUCTURES	16	18	0
12BJ1A0554	R31054	COMPUTER GRAPHICS	20	32	4
12BJ1A0554	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	31	4
12BJ1A0554	R31056	OPERATIONG SYSTEMS	16	26	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0555	R31051	COMPILER DESIGN	18	15	0
12BJ1A0555	R31052	COMPUTER NETWORKS	14	12	0
12BJ1A0555	R31053	ADVANCED DATA STRUCTURES	15	5	0
12BJ1A0555	R31054	COMPUTER GRAPHICS	21	26	4
12BJ1A0555	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	27	4
12BJ1A0555	R31056	OPERATIONG SYSTEMS	16	29	4
12BJ1A0556	R31052	COMPUTER NETWORKS	4	13	0
12BJ1A0556	R31054	COMPUTER GRAPHICS	14	38	4
12BJ1A0556	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	35	4
12BJ1A0556	R31056	OPERATIONG SYSTEMS	15	47	4
12BJ1A0557	R31054	COMPUTER GRAPHICS	23	40	4
12BJ1A0558	R31051	COMPILER DESIGN	17	11	0
12BJ1A0558	R31052	COMPUTER NETWORKS	17	26	4
12BJ1A0558	R31053	ADVANCED DATA STRUCTURES	14	0	0
12BJ1A0558	R31054	COMPUTER GRAPHICS	17	5	0
12BJ1A0558	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	35	4
12BJ1A0558	R31056	OPERATIONG SYSTEMS	14	3	0
12BJ1A0560	R31051	COMPILER DESIGN	15	31	4
12BJ1A0560	R31053	ADVANCED DATA STRUCTURES	17	26	4
12BJ1A0560	R31054	COMPUTER GRAPHICS	20	34	4
12BJ1A0560	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	36	4
12BJ1A0560	R31056	OPERATIONG SYSTEMS	12	8	0
12BJ1A0561	R31054	COMPUTER GRAPHICS	16	48	4
12BJ1A0561	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	19	31	4
12BJ1A0561	R31056	OPERATIONG SYSTEMS	15	36	4
12BJ1A0563	R31051	COMPILER DESIGN	15	30	4
12BJ1A0563	R31053	ADVANCED DATA STRUCTURES	14	38	4
12BJ1A0565	R31051	COMPILER DESIGN	17	32	4
12BJ1A0565	R31054	COMPUTER GRAPHICS	20	38	4
12BJ1A0565	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	35	4
12BJ1A0568	R31051	COMPILER DESIGN	20	45	4
12BJ1A0570	R31051	COMPILER DESIGN	15	42	4
12BJ1A0570	R31054	COMPUTER GRAPHICS	14	46	4
12BJ1A0570	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	16	40	4
12BJ1A0573	R31051	COMPILER DESIGN	19	44	4
12BJ1A0573	R31054	COMPUTER GRAPHICS	19	46	4
12BJ1A0575	R31054	COMPUTER GRAPHICS	21	58	4
12BJ1A0575	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	40	4
12BJ1A0577	R31051	COMPILER DESIGN	19	31	4
12BJ1A0577	R31054	COMPUTER GRAPHICS	19	35	4
12BJ1A0579	R31051	COMPILER DESIGN	15	9	0
12BJ1A0579	R31052	COMPUTER NETWORKS	16	34	4
12BJ1A0579	R31054	COMPUTER GRAPHICS	15	36	4
12BJ1A0579	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	28	4
12BJ1A0579	R31056	OPERATIONG SYSTEMS	17	42	4
12BJ1A0580	R31051	COMPILER DESIGN	16	33	4
12BJ1A0582	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	34	4
12BJ1A0583	R31051	COMPILER DESIGN	14	32	4
12BJ1A0583	R31054	COMPUTER GRAPHICS	16	50	4
12BJ1A0583	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	20	40	4
12BJ1A0584	R31051	COMPILER DESIGN	17	26	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0585	R31051	COMPILER DESIGN	19	38	4
12BJ1A0585	R31054	COMPUTER GRAPHICS	22	47	4
12BJ1A0589	R31051	COMPILER DESIGN	18	33	4
12BJ1A0589	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	43	4
12BJ1A0591	R31051	COMPILER DESIGN	15	7	0
12BJ1A0591	R31052	COMPUTER NETWORKS	12	3	0
12BJ1A0591	R31053	ADVANCED DATA STRUCTURES	15	0	0
12BJ1A0591	R31054	COMPUTER GRAPHICS	12	32	4
12BJ1A0591	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	12	0
12BJ1A0591	R31056	OPERATIONG SYSTEMS	14	10	0
12BJ1A0591	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	21	40	2
12BJ1A0591	R31058	ADVANCED DATA STRUCTURES LAB	20	40	2
12BJ1A0594	R31051	COMPILER DESIGN	18	8	0
12BJ1A0594	R31052	COMPUTER NETWORKS	12	9	0
12BJ1A0594	R31053	ADVANCED DATA STRUCTURES	11	4	0
12BJ1A0594	R31054	COMPUTER GRAPHICS	11	9	0
12BJ1A0594	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	28	4
12BJ1A0594	R31056	OPERATIONG SYSTEMS	16	2	0
12BJ1A0596	R31051	COMPILER DESIGN	17	5	0
12BJ1A0596	R31052	COMPUTER NETWORKS	15	30	4
12BJ1A0596	R31054	COMPUTER GRAPHICS	14	1	0
12BJ1A0596	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	32	4
12BJ1A0596	R31056	OPERATIONG SYSTEMS	15	11	0
12BJ1A0597	R31051	COMPILER DESIGN	18	34	4
12BJ1A0597	R31054	COMPUTER GRAPHICS	22	26	4
12BJ1A0597	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	24	41	4
12BJ1A0597	R31056	OPERATIONG SYSTEMS	22	12	0
12BJ1A0598	R31051	COMPILER DESIGN	15	3	0
12BJ1A0598	R31052	COMPUTER NETWORKS	18	13	0
12BJ1A0598	R31053	ADVANCED DATA STRUCTURES	14	6	0
12BJ1A0598	R31054	COMPUTER GRAPHICS	12	3	0
12BJ1A0598	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	2	0
12BJ1A0598	R31056	OPERATIONG SYSTEMS	14	34	4
12BJ1A0599	R31051	COMPILER DESIGN	16	26	4
12BJ1A0599	R31053	ADVANCED DATA STRUCTURES	17	-1	0
12BJ1A0599	R31054	COMPUTER GRAPHICS	17	15	0
12BJ1A0599	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	-1	0
12BJ1A0599	R31056	OPERATIONG SYSTEMS	19	-1	0
12BJ1A05A0	R31054	COMPUTER GRAPHICS	19	1	0
12BJ1A05A0	R31056	OPERATIONG SYSTEMS	21	35	4
12BJ1A05A1	R31052	COMPUTER NETWORKS	17	4	0
12BJ1A05A1	R31054	COMPUTER GRAPHICS	13	35	4
12BJ1A05A1	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	32	4
12BJ1A05A1	R31056	OPERATIONG SYSTEMS	19	42	4
12BJ1A05A3	R31051	COMPILER DESIGN	14	42	4
12BJ1A05A3	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	15	40	2
12BJ1A05A4	R31051	COMPILER DESIGN	16	27	4
12BJ1A05A4	R31053	ADVANCED DATA STRUCTURES	21	13	0
12BJ1A05A4	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	33	4
12BJ1A05A4	R31056	OPERATIONG SYSTEMS	20	34	4
12BJ1A05A5	R31051	COMPILER DESIGN	15	13	0

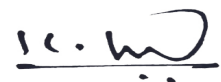
Htno	Subcode	Subname	Internal	External	credits
12BJ1A05A5	R31054	COMPUTER GRAPHICS	13	32	4
12BJ1A05A5	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	21	36	4
12BJ1A05A5	R31056	OPERATIONG SYSTEMS	17	33	4
12BJ1A05A6	R31051	COMPILER DESIGN	5	1	0
12BJ1A05A6	R31052	COMPUTER NETWORKS	0	4	0
12BJ1A05A6	R31053	ADVANCED DATA STRUCTURES	3	9	0
12BJ1A05A6	R31054	COMPUTER GRAPHICS	14	10	0
12BJ1A05A6	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	15	-1	0
12BJ1A05A6	R31056	OPERATIONG SYSTEMS	15	-1	0
12BJ1A05A8	R31051	COMPILER DESIGN	17	16	0
12BJ1A05A8	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	17	-1	0
12BJ1A05A9	R31051	COMPILER DESIGN	18	19	0
12BJ1A05A9	R31054	COMPUTER GRAPHICS	14	0	0
12BJ1A05A9	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	23	2	0
12BJ1A05B0	R31051	COMPILER DESIGN	16	32	4
12BJ1A05B0	R31053	ADVANCED DATA STRUCTURES	15	-1	0
12BJ1A05B0	R31054	COMPUTER GRAPHICS	12	-1	0
12BJ1A05B0	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	-1	0
12BJ1A05B1	R31054	COMPUTER GRAPHICS	16	32	4
12BJ1A05B1	R31056	OPERATIONG SYSTEMS	17	42	4
12BJ1A05B2	R31051	COMPILER DESIGN	18	27	4
12BJ1A05B2	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	19	27	4
12BJ1A05B2	R31056	OPERATIONG SYSTEMS	15	34	4
12BJ5A0205	R31022	ELECTRICAL MEASUREMENT	20	11	0
12BJ5A0206	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	15	56	4
12BJ5A0208	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	17	18	0
12BJ5A0210	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	15	31	4
12BJ5A0210	R31026	LINEAR & DIGITAL IC APPLICATION	19	33	4
12BJ5A0212	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	15	36	4
12BJ5A0214	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	19	-1	0
12BJ5A0215	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	18	33	4
12BJ5A0215	R31026	LINEAR & DIGITAL IC APPLICATION	16	31	4
12BJ5A0216	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	19	14	0
12BJ5A0216	R31022	ELECTRICAL MEASUREMENT	17	-1	0
12BJ5A0216	R31026	LINEAR & DIGITAL IC APPLICATION	18	-1	0
12BJ5A0217	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	15	45	4
12BJ5A0217	R31024	POWER ELECTRONICS	14	30	4
12BJ5A0220	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	21	37	4
12BJ5A0223	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	19	-1	0
12BJ5A0223	R31026	LINEAR & DIGITAL IC APPLICATION	18	-1	0
12BJ5A0224	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	15	35	4
12BJ5A0226	R31022	ELECTRICAL MEASUREMENT	16	9	0
12BJ5A0303	R31031	FINITE ELEMENT METHODS	9	18	0
12BJ5A0303	R31033	DYNAMICS OF MACHINERY	13	0	0
12BJ5A0402	R31046	DIGITAL COMMUNICATIONS	19	34	4
12BJ5A0403	R31042	DIGITAL IC APPLICATIONS	16	8	0
12BJ5A0403	R31043	LINEAR IC APPLICATIONS	19	28	4
12BJ5A0403	R31045	ANTENNAS AND WAVE PROPAGATION	15	9	0
12BJ5A0406	R31046	DIGITAL COMMUNICATIONS	17	38	4
12BJ5A0503	R31051	COMPILER DESIGN	16	29	4
13BJ5A0201	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	25	35	4

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0201	R31026	LINEAR & DIGITAL IC APPLICATION	23	40	4
13BJ5A0202	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	24	-1	0
13BJ5A0202	R31023	POWER SYSTEMS-II	19	-1	0
13BJ5A0202	R31025	ELECTRICAL MACHINES-III	18	-1	0
13BJ5A0202	R31026	LINEAR & DIGITAL IC APPLICATION	15	-1	0
13BJ5A0203	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	0	-1	0
13BJ5A0203	R31022	ELECTRICAL MEASUREMENT	0	-1	0
13BJ5A0203	R31023	POWER SYSTEMS-II	0	-1	0
13BJ5A0203	R31024	POWER ELECTRONICS	0	-1	0
13BJ5A0203	R31025	ELECTRICAL MACHINES-III	0	-1	0
13BJ5A0203	R31026	LINEAR & DIGITAL IC APPLICATION	0	-1	0
13BJ5A0203	R31027	ELECTRICAL MACHINES-II LAB	0	-1	0
13BJ5A0203	R31028	CONTROL SYSTEMS LAB	0	-1	0
13BJ5A0204	R31022	ELECTRICAL MEASUREMENT	18	38	4
13BJ5A0205	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	25	26	4
13BJ5A0205	R31022	ELECTRICAL MEASUREMENT	21	34	4
13BJ5A0205	R31024	POWER ELECTRONICS	17	26	4
13BJ5A0205	R31025	ELECTRICAL MACHINES-III	24	38	4
13BJ5A0205	R31026	LINEAR & DIGITAL IC APPLICATION	16	0	0
13BJ5A0206	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	26	4
13BJ5A0206	R31022	ELECTRICAL MEASUREMENT	14	32	4
13BJ5A0206	R31024	POWER ELECTRONICS	18	0	0
13BJ5A0206	R31025	ELECTRICAL MACHINES-III	15	0	0
13BJ5A0206	R31026	LINEAR & DIGITAL IC APPLICATION	13	2	0
13BJ5A0207	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	37	4
13BJ5A0207	R31023	POWER SYSTEMS-II	20	40	4
13BJ5A0207	R31024	POWER ELECTRONICS	17	28	4
13BJ5A0207	R31026	LINEAR & DIGITAL IC APPLICATION	15	3	0
13BJ5A0208	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	33	4
13BJ5A0208	R31022	ELECTRICAL MEASUREMENT	16	0	0
13BJ5A0208	R31026	LINEAR & DIGITAL IC APPLICATION	11	0	0
13BJ5A0209	R31022	ELECTRICAL MEASUREMENT	15	11	0
13BJ5A0209	R31024	POWER ELECTRONICS	18	15	0
13BJ5A0209	R31026	LINEAR & DIGITAL IC APPLICATION	17	33	4
13BJ5A0301	R31031	FINITE ELEMENT METHODS	13	2	0
13BJ5A0301	R31032	OPERATIONS RESEARCH	5	11	0
13BJ5A0301	R31033	DYNAMICS OF MACHINERY	12	14	0
13BJ5A0301	R31034	THERMAL ENGINEERING-II	8	32	4
13BJ5A0301	R31035	DESIGN OF MACHINE MEMBERS-I	12	29	4
13BJ5A0301	R31036	METAL CUTTING & MACHINE TOOLS	13	0	0
13BJ5A0303	R31033	DYNAMICS OF MACHINERY	16	41	4
13BJ5A0303	R31034	THERMAL ENGINEERING-II	15	26	4
13BJ5A0303	R31036	METAL CUTTING & MACHINE TOOLS	22	42	4
13BJ5A0304	R31031	FINITE ELEMENT METHODS	7	16	0
13BJ5A0304	R31033	DYNAMICS OF MACHINERY	12	-1	0
13BJ5A0304	R31034	THERMAL ENGINEERING-II	2	6	0
13BJ5A0304	R31035	DESIGN OF MACHINE MEMBERS-I	3	8	0
13BJ5A0304	R31036	METAL CUTTING & MACHINE TOOLS	13	0	0
13BJ5A0305	R31031	FINITE ELEMENT METHODS	7	35	4
13BJ5A0305	R31032	OPERATIONS RESEARCH	6	0	0
13BJ5A0305	R31034	THERMAL ENGINEERING-II	7	39	4

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0305	R31036	METAL CUTTING & MACHINE TOOLS	16	0	0
13BJ5A0306	R31031	FINITE ELEMENT METHODS	7	33	4
13BJ5A0306	R31032	OPERATIONS RESEARCH	5	2	0
13BJ5A0306	R31033	DYNAMICS OF MACHINERY	12	0	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	R31043	LINEAR IC APPLICATIONS	24	41	4
13BJ5A0404	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	23	30	4
13BJ5A0404	R31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
13BJ5A0404	R31046	DIGITAL COMMUNICATIONS	21	34	4
13BJ5A0405	R31043	LINEAR IC APPLICATIONS	19	6	0
13BJ5A0405	R31046	DIGITAL COMMUNICATIONS	20	32	4
13BJ5A0406	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	2	0
13BJ5A0406	R31045	ANTENNAS AND WAVE PROPAGATION	23	9	0
13BJ5A0407	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	13	2	0
13BJ5A0407	R31042	DIGITAL IC APPLICATIONS	13	13	0
13BJ5A0407	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	20	3	0
13BJ5A0408	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	21	16	0
13BJ5A0409	R31042	DIGITAL IC APPLICATIONS	21	4	0
13BJ5A0409	R31043	LINEAR IC APPLICATIONS	23	7	0
13BJ5A0409	R31045	ANTENNAS AND WAVE PROPAGATION	23	11	0
13BJ5A0409	R31046	DIGITAL COMMUNICATIONS	20	32	4
13BJ5A0410	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	6	0
13BJ5A0410	R31042	DIGITAL IC APPLICATIONS	19	6	0
13BJ5A0410	R31043	LINEAR IC APPLICATIONS	14	0	0
13BJ5A0410	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	14	11	0
13BJ5A0410	R31045	ANTENNAS AND WAVE PROPAGATION	18	0	0
13BJ5A0410	R31046	DIGITAL COMMUNICATIONS	19	29	4
13BJ5A0411	R31042	DIGITAL IC APPLICATIONS	20	9	0
13BJ5A0411	R31043	LINEAR IC APPLICATIONS	23	8	0
13BJ5A0411	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATIONS	20	32	4
13BJ5A0502	R31051	COMPILER DESIGN	13	15	0
13BJ5A0502	R31054	COMPUTER GRAPHICS	4	8	0
13BJ5A0502	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	16	38	4
13BJ5A0503	R31054	COMPUTER GRAPHICS	18	0	0

****Note:- For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 22-08-2015.**

Date:13-08-2015



Controller of Examinations