JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech I Semester Regular/Supplementary Examination Nov-2017

College: ST.MARYS GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	Credits
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
10BJ1A0233	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	7	0	0
10BJ1A0233	R31022	ELECTRICAL MEASUREMENT	11	7	0
10BJ1A0233	R31023	POWER SYSTEMS-II	11	12	0
10BJ1A0233	R31024	POWER ELECTRONICS	12	5	0
10BJ1A0233	R31026	LINEAR & DIGITAL IC APPLICATION	16	9	0
10BJ1A0237	R31022	ELECTRICAL MEASUREMENT	11	17	0
10BJ1A0311	R31032	OPERATIONS RESEARCH	11	0	0
10BJ1A0311	R31035	DESIGN OF MACHINE MEMBERS-I	12	0	0
10BJ1A0441	R31042	DIGITAL IC APPLICATIONS	13	19	0
11BJ1A0419	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	-1	0
11BJ1A0439	R31042	DIGITAL IC APPLICATIONS	10	22	0
11BJ1A0439	R31046	DIGITAL COMMUNICATIONS	14	31	4
11BJ1A0540	R31052	COMPUTER NETWORKS	14	-1	0
12BJ1A0221	R31022	ELECTRICAL MEASUREMENT	6	31	0
12BJ1A0221	R31026	LINEAR & DIGITAL IC APPLICATION	6	39	4
12BJ1A0230	R31022	ELECTRICAL MEASUREMENT	14	19	0
12BJ1A0230	R31023	POWER SYSTEMS-II	20	20	0
12BJ1A0230	R31025	ELECTRICAL MACHINES-III	16	28	4
12BJ1A0236	R31024	POWER ELECTRONICS	19	-1	0
12BJ1A0236	R31025	ELECTRICAL MACHINES-III	15	-1	0
12BJ1A0236	R31026	LINEAR & DIGITAL IC APPLICATION	15	-1	0
12BJ1A0311	R31033	DYNAMICS OF MACHINERY	10	11	0
12BJ1A0333	R31031	FINITE ELEMENT METHODS	14	14	0
12BJ1A0333	R31032	OPERATIONS RESEARCH	15	30	4
12BJ1A0343	R31034	THERMAL ENGINEERING-II	4	0	0
12BJ1A0349	R31036	METAL CUTTING & MACHINE TOOLS	23	-1	0
12BJ1A0367	R31031	FINITE ELEMENT METHODS	20	17	0
12BJ1A0367	R31032	OPERATIONS RESEARCH	5	34	0
12BJ1A0367	R31033	DYNAMICS OF MACHINERY	15	21	0
12BJ1A0369	R31031	FINITE ELEMENT METHODS	4	14	0
12BJ1A0369	R31033	DYNAMICS OF MACHINERY	12	0	0
12BJ1A0369	R31035	DESIGN OF MACHINE MEMBERS-I	0	0	0
12BJ1A0379	R31032	OPERATIONS RESEARCH	8	-1	0
12BJ1A0379	R31033	DYNAMICS OF MACHINERY	10	9	0
12BJ1A0379	R31036	METAL CUTTING & MACHINE TOOLS	19	-1	0
12BJ1A0405	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	23	14	0
12BJ1A0405	R31042	DIGITAL IC APPLICATIONS	19	15	0
12BJ1A0405	R31043	LINEAR IC APPLICATIONS	23	18	0
12BJ1A0405	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	24	12	0
12BJ1A0412	R31042	DIGITAL IC APPLICATIONS	21	16	0

Htno	Subcode	Subname	Internal	External	Credits
12BJ1A0447	R31043	LINEAR IC APPLICATIONS	19	33	4
12BJ1A0454	R31042	DIGITAL IC APPLICATIONS	18	22	0
12BJ1A0454	R31043	LINEAR IC APPLICATIONS	19	22	0
12BJ1A0460	R31042	DIGITAL IC APPLICATIONS	20	31	4
12BJ1A0460	R31043	LINEAR IC APPLICATIONS	21	29	4
12BJ1A0480	R31042	DIGITAL IC APPLICATIONS	14	18	0
12BJ1A0480	R31043	LINEAR IC APPLICATIONS	19	38	4
12BJ1A0481	R31042	DIGITAL IC APPLICATIONS	22	35	4
12BJ1A0490	R31042	DIGITAL IC APPLICATIONS	17	21	0
12BJ1A0490	R31043	LINEAR IC APPLICATIONS	16	44	4
12BJ1A0490	R31046	DIGITAL COMMUNICATIONS	18	22	0
12BJ1A0492	R31042	DIGITAL IC APPLICATIONS	7	15	0
12BJ1A0493	R31042	DIGITAL IC APPLICATIONS	18	14	0
12BJ1A0493	R31043	LINEAR IC APPLICATIONS	17	17	0
12BJ1A04A4	R31042	DIGITAL IC APPLICATIONS	20	23	0
12BJ1A04B3	R31042	DIGITAL IC APPLICATIONS	18	17	0
12BJ1A04B3	R31043	LINEAR IC APPLICATIONS	17	19	0
12BJ1A04D5	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	18	15	0
12BJ1A04D5	R31042	DIGITAL IC APPLICATIONS	22	13	0
12BJ1A04D5	R31043	LINEAR IC APPLICATIONS	23	12	0
12BJ1A04D5	R31046	DIGITAL COMMUNICATIONS	20	23	0
12BJ1A04E3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	19	0
12BJ1A04E3	R31042	DIGITAL IC APPLICATIONS	17	13	0
12BJ1A04E3	R31043	LINEAR IC APPLICATIONS	23	7	0
12BJ1A04E3	R31046	DIGITAL COMMUNICATIONS	20	23	0
12BJ1A04E6	R31042	DIGITAL IC APPLICATIONS	22	13	0
12BJ1A04E6	R31043	LINEAR IC APPLICATIONS	24	15	0
12BJ1A0560	R31056	OPERATIONG SYSTEMS	12	32	4
12BJ1A0594	R31051	COMPILER DESIGN	18	-1	0
12BJ1A0594	R31056	OPERATIONG SYSTEMS	16	23	0
12BJ1A0598	R31051	COMPILER DESIGN	15	-1	0
12BJ1A0598	R31054	COMPUTER GRAPHICS	12	27	0
12BJ1A0598	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	6	0
12BJ1A05A9	R31051	COMPILER DESIGN	18	-1	0
12BJ1A05A9	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	23	-1	0
12BJ5A0403	R31042	DIGITAL IC APPLICATIONS	16	-1	0
12BJ5A0403	R31045	ANTENNAS AND WAVE PROPAGATION	15	-1	0
13BJ1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	18	0
13BJ1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	19	28	3
13BJ1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	10	0
13BJ1A0115	RT31012	STRUCTURAL ANALYSIS-II	22	21	0
13BJ1A0115	RT31015	TRANSPORTATION ENGINEERING-I	22	16	0
13BJ1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	20	0	0
13BJ1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	7	0
13BJ1A0127	RT31012	STRUCTURAL ANALYSIS-II	19	23	0
13BJ1A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	20	0
13BJ1A0136	RT31015	TRANSPORTATION ENGINEERING-I	23	22	0
13BJ1A0138	RT31011	GEOTECHNICAL ENGINEERING-I	18	0	0
13BJ1A0138	RT31012	STRUCTURAL ANALYSIS-II	19	20	0
13BJ1A0141	RT31011	GEOTECHNICAL ENGINEERING-I	19	8	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0145	RT31011	GEOTECHNICAL ENGINEERING-I	17	17	0
13BJ1A0145	RT31012	STRUCTURAL ANALYSIS-II	19	24	3
13BJ1A0145	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	22	0
13BJ1A0145	RT31014	ENGINEERING GEOLOGY	19	5	0
13BJ1A0145	RT31015	TRANSPORTATION ENGINEERING-I	17	36	3
13BJ1A0145	RT31016	IPR & PATENTS	17	13	0
13BJ1A0145	RT31017	GEOTECHNICAL ENGINEERING LAB	23	-1	0
13BJ1A0145	RT31018	ENGINEERING GEOLOGY LAB	22	-1	0
13BJ1A0149	RT31011	GEOTECHNICAL ENGINEERING-I	20	0	0
13BJ1A0149	RT31012	STRUCTURAL ANALYSIS-II	19	-1	0
13BJ1A0149	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	-1	0
13BJ1A0211	RT31024	ELECTRICAL MACHINES-III	22	29	3
13BJ1A0218	RT31021	ELECTRICAL MEASUREMENTS	23	11	0
13BJ1A0218	RT31024	ELECTRICAL MACHINES-III	23	12	0
13BJ1A0218	RT31025	POWER ELECTRONICS	19	19	0
13BJ1A0222	RT31016	IPR & PATENTS	6	14	0
13BJ1A0222	RT31021	ELECTRICAL MEASUREMENTS	7	0	0
13BJ1A0222	RT31022	MEFA	6	33	0
13BJ1A0222	RT31023	POWER SYSTEMS-II	7	27	0
13BJ1A0222	RT31024	ELECTRICAL MACHINES-III	4	1	0
13BJ1A0222	RT31025	POWER ELECTRONICS	6	2	0
13BJ1A0222	RT31026	LINEAR & DIGITAL IC APPLICATIONS	5	-1	0
13BJ1A0224	RT31021	ELECTRICAL MEASUREMENTS	20	24	3
13BJ1A0236	RT31024	ELECTRICAL MACHINES-III	25	18	0
13BJ1A0301	RT31035	THERMAL ENGINEERING-II	18	0	0
13BJ1A0305	RT31031	DYNAMICS OF MACHINERY	18	26	3
13BJ1A0306	RT31035	THERMAL ENGINEERING-II	16	-1	0
13BJ1A0313	RT31035	THERMAL ENGINEERING-II	15	0	0
13BJ1A0316	RT31035	THERMAL ENGINEERING-II	17	21	0
13BJ1A0317	RT31035	THERMAL ENGINEERING-II	20	29	3
13BJ1A0318	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	5	3	0
13BJ1A0318	RT31036	METROLOGY	14	6	0
13BJ1A0326	RT31035	THERMAL ENGINEERING-II	14	12	0
13BJ1A0337	RT31031	DYNAMICS OF MACHINERY	17	18	0
13BJ1A0339	RT31035	THERMAL ENGINEERING-II	17	15	0
13BJ1A0340	RT31031	DYNAMICS OF MACHINERY	15	46	3
13BJ1A0350	RT31031	DYNAMICS OF MACHINERY	14	30	3
13BJ1A0355	RT31031	DYNAMICS OF MACHINERY	15	0	0
13BJ1A0355	RT31035	THERMAL ENGINEERING-II	14	17	0
13BJ1A0356	RT31031	DYNAMICS OF MACHINERY	16	17	0
13BJ1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A0356	RT31035	THERMAL ENGINEERING-II	14	7	0
13BJ1A0356	RT31036	METROLOGY	14	18	0
13BJ1A0362	RT31031	DYNAMICS OF MACHINERY	14	40	3
13BJ1A0364	RT31031	DYNAMICS OF MACHINERY	14	-1	0
13BJ1A0364	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A0364	RT31036	METROLOGY	9	-1	0
13BJ1A0367	RT31031	DYNAMICS OF MACHINERY	14	0	0
13BJ1A0367	RT31033	DESIGN OF MACHINE MEMBERS-I	14	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0367	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A0367	RT31036	METROLOGY	15	0	0
13BJ1A0373	RT31036	METROLOGY	5	-1	0
13BJ1A0376	RT31031	DYNAMICS OF MACHINERY	15	30	3
13BJ1A0376	RT31035	THERMAL ENGINEERING-II	16	49	3
13BJ1A0383	RT31035	THERMAL ENGINEERING-II	18	23	0
13BJ1A0384	RT31031	DYNAMICS OF MACHINERY	17	31	3
13BJ1A0393	RT31035	THERMAL ENGINEERING-II	14	15	0
13BJ1A0394	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	14	0
13BJ1A0394	RT31035	THERMAL ENGINEERING-II	5	8	0
13BJ1A0397	RT31031	DYNAMICS OF MACHINERY	14	-1	0
13BJ1A0397	RT31032	METAL CUTTING & MACHINE TOOLS	14	0	0
13BJ1A0397	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A0397	RT31035	THERMAL ENGINEERING-II	15	-1	0
13BJ1A0397	RT31036	METROLOGY	14	-1	0
13BJ1A0398	RT31035	THERMAL ENGINEERING-II	19	19	0
13BJ1A03A1	RT31033	DESIGN OF MACHINE MEMBERS-I	14	3	0
13BJ1A03A8	RT31035	THERMAL ENGINEERING-II	16	28	3
13BJ1A03B3	RT31031	DYNAMICS OF MACHINERY	17	30	3
13BJ1A03B6	RT31031	DYNAMICS OF MACHINERY	16	7	0
13BJ1A03B6	RT31033	DESIGN OF MACHINE MEMBERS-I	14	11	0
13BJ1A03B6	RT31035	THERMAL ENGINEERING-II	14	0	0
13BJ1A03B9	RT31031	DYNAMICS OF MACHINERY	14	13	0
13BJ1A03B9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	26	3
13BJ1A03B9	RT31035	THERMAL ENGINEERING-II	16	24	3
13BJ1A03B9	RT31036	METROLOGY	15	8	0
13BJ1A03C5	RT31031	DYNAMICS OF MACHINERY	16	16	0
13BJ1A03C6	RT31031	DYNAMICS OF MACHINERY	15	12	0
13BJ1A03C6	RT31035	THERMAL ENGINEERING-II	14	19	0
13BJ1A03D7	RT31033	DESIGN OF MACHINE MEMBERS-I	14	13	0
13BJ1A03D8	RT31031	DYNAMICS OF MACHINERY	5	0	0
13BJ1A03D8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	6	0
13BJ1A03D8	RT31035	THERMAL ENGINEERING-II	14	17	0
13BJ1A03D9	RT31031	DYNAMICS OF MACHINERY	12	41	3
13BJ1A03E6	RT31035	THERMAL ENGINEERING-II	19	8	0
13BJ1A03E8	RT31031	DYNAMICS OF MACHINERY	14	10	0
13BJ1A03E8	RT31033	DESIGN OF MACHINE MEMBERS-I	14	2	0
13BJ1A03E8	RT31035	THERMAL ENGINEERING-II	15	7	0
13BJ1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	22	18	0
13BJ1A0416	RT31041	PULSE & DIGITAL CIRCUITS	19	32	3
13BJ1A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	13	0
13BJ1A0423	RT31041	PULSE & DIGITAL CIRCUITS	23	0	0
13BJ1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
13BJ1A0436	RT31041	PULSE & DIGITAL CIRCUITS	22	29	3
13BJ1A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	26	3
13BJ1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	21	6	0
13BJ1A0443	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	29	3
13BJ1A0443	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	10	0
13BJ1A0444	RT31041	PULSE & DIGITAL CIRCUITS	13	-1	0
13BJ1A0444	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	9	5	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0444	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	3	0
13BJ1A0445	RT31041	PULSE & DIGITAL CIRCUITS	17	30	3
13BJ1A0445	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	8	0
13BJ1A0446	RT31041	PULSE & DIGITAL CIRCUITS	21	14	0
13BJ1A0446	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	25	3
13BJ1A0446	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	15	0
13BJ1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
13BJ1A0448	RT31045	ANTENNAS AND WAVE PROPAGATION	18	13	0
13BJ1A0450	RT31045	ANTENNAS AND WAVE PROPAGATION	16	13	0
13BJ1A0457	RT31041	PULSE & DIGITAL CIRCUITS	21	2	0
13BJ1A0457	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	0	0
13BJ1A0457	RT31045	ANTENNAS AND WAVE PROPAGATION	21	7	0
13BJ1A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	23	0	0
13BJ1A0476	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	-1	0
13BJ1A0476	RT31045	ANTENNAS AND WAVE PROPAGATION	19	-1	0
13BJ1A0486	RT31043	CONTROL SYSTEMS	20	37	3
13BJ1A04A6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	29	3
13BJ1A04A7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	-1	0
13BJ1A04A8	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	17	0
13BJ1A04B4	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	32	3
13BJ1A04B4	RT31045	ANTENNAS AND WAVE PROPAGATION	16	24	3
13BJ1A04B5	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
13BJ1A04C4	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	28	3
13BJ1A04C4	RT31045	ANTENNAS AND WAVE PROPAGATION	22	13	0
13BJ1A04D8	RT31041	PULSE & DIGITAL CIRCUITS	20	36	3
13BJ1A04D8	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	3	0
13BJ1A04E1	RT31043	CONTROL SYSTEMS	12	29	3
13BJ1A04E1	RT31045	ANTENNAS AND WAVE PROPAGATION	14	28	3
13BJ1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	33	3
13BJ1A0523	RT31051	COMPILER DESIGN	20	17	0
13BJ1A0537	RT31054	DATABASE MANAGEMENT SYSTEMS	16	15	0
13BJ1A0537	RT31055	OPERATING SYSTEMS	16	36	3
13BJ1A0547	RT31051	COMPILER DESIGN	20	6	0
13BJ1A0547	RT31052	DATA COMMUNICATION	19	17	0
13BJ1A0547	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	38	3
13BJ1A0548	RT31051	COMPILER DESIGN	23	5	0
13BJ1A0548	RT31052	DATA COMMUNICATION	21	9	0
13BJ1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	0	0
13BJ1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	15	16	0
13BJ1A0548	RT31055	OPERATING SYSTEMS	16	3	0
13BJ1A0554	RT31051	COMPILER DESIGN	21	22	0
13BJ1A0554	RT31052	DATA COMMUNICATION	21	18	0
13BJ1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	12	0
13BJ1A0555	RT31051	COMPILER DESIGN	21	21	0
13BJ1A0555	RT31054	DATABASE MANAGEMENT SYSTEMS	15	19	0
13BJ1A0555	RT31055	OPERATING SYSTEMS	18	13	0
13BJ1A0557	RT31051	COMPILER DESIGN	18	7	0
13BJ1A0557	RT31052	DATA COMMUNICATION	17	27	3
13BJ1A0557	RT31054	DATABASE MANAGEMENT SYSTEMS	20	31	3
13BJ1A0557	RT31055	OPERATING SYSTEMS	17	25	3

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0559	RT31051	COMPILER DESIGN	19	8	0
13BJ1A0559	RT31052	DATA COMMUNICATION	19	7	0
13BJ1A0559	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	14	0
13BJ1A0559	RT31054	DATABASE MANAGEMENT SYSTEMS	17	0	0
13BJ1A0559	RT31055	OPERATING SYSTEMS	16	4	0
13BJ1A0569	RT31054	DATABASE MANAGEMENT SYSTEMS	15	32	3
13BJ1A0569	RT31055	OPERATING SYSTEMS	16	14	0
13BJ1A0591	RT31051	COMPILER DESIGN	3	8	0
13BJ1A0591	RT31052	DATA COMMUNICATION	8	19	0
13BJ1A0591	RT31055	OPERATING SYSTEMS	16	-1	0
13BJ1A0593	RT31051	COMPILER DESIGN	17	21	0
13BJ1A0593	RT31052	DATA COMMUNICATION	16	15	0
13BJ1A0593	RT31055	OPERATING SYSTEMS	22	0	0
13BJ1A0595	RT31051	COMPILER DESIGN	20	6	0
13BJ1A0595	RT31052	DATA COMMUNICATION	18	16	0
13BJ1A0595	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	43	3
13BJ1A0595	RT31054	DATABASE MANAGEMENT SYSTEMS	16	31	3
13BJ1A0595	RT31055	OPERATING SYSTEMS	18	26	3
13BJ1A05A0	RT31052	DATA COMMUNICATION	21	44	3
13BJ1A05A0	RT31055	OPERATING SYSTEMS	15	8	0
13BJ5A0304	R31031	FINITE ELEMENT METHODS	7	-1	0
13BJ5A0304	R31033	DYNAMICS OF MACHINERY	12	-1	0
13BJ5A0304	R31034	THERMAL ENGINEERING-II	2	-1	0
13BJ5A0304	R31035	DESIGN OF MACHINE MEMBERS-I	3	-1	0
13BJ5A0306	R31032	OPERATIONS RESEARCH	5	22	0
13BJ5A0306	R31033	DYNAMICS OF MACHINERY	12	11	0
13BJ5A0502	R31051	COMPILER DESIGN	13	13	0
13BJ5A0502	R31054	COMPUTER GRAPHICS	4	19	0
14BJ1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	23	15	0
14BJ1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	21	0	0
14BJ1A0107	RT31011	GEOTECHNICAL ENGINEERING-I	23	7	0
14BJ1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	7	0
14BJ1A0108	RT31012	STRUCTURAL ANALYSIS-II	20	29	3
14BJ1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	2	0
14BJ1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	17	9	0
14BJ1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	21	0
14BJ1A0112	RT31015	TRANSPORTATION ENGINEERING-I	24	29	3
14BJ1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
14BJ1A0116	RT31012	STRUCTURAL ANALYSIS-II	21	29	3
14BJ1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	15	35	3
14BJ1A0116	RT31015	TRANSPORTATION ENGINEERING-I	19	7	0
14BJ1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	39	3
14BJ1A0117	RT31015	TRANSPORTATION ENGINEERING-I	26	15	0
14BJ1A0119	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
14BJ1A0120	RT31011	GEOTECHNICAL ENGINEERING-I	15	6	0
14BJ1A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	12	0
14BJ1A0120	RT31015	TRANSPORTATION ENGINEERING-I	11	22	0
14BJ1A0122	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
14BJ1A0122	RT31015	TRANSPORTATION ENGINEERING-I	16	11	0
14BJ1A0122	RT31016	IPR & PATENTS	22	25	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	16	0
14BJ1A0123	RT31015	TRANSPORTATION ENGINEERING-I	10	5	0
14BJ1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	22	8	0
14BJ1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	19	7	0
14BJ1A0128	RT31011	GEOTECHNICAL ENGINEERING-I	18	52	3
14BJ1A0128	RT31015	TRANSPORTATION ENGINEERING-I	11	16	0
14BJ1A0129	RT31011	GEOTECHNICAL ENGINEERING-I	22	12	0
14BJ1A0137	RT31012	STRUCTURAL ANALYSIS-II	27	35	3
14BJ1A0137	RT31015	TRANSPORTATION ENGINEERING-I	22	31	3
14BJ1A0138	RT31011	GEOTECHNICAL ENGINEERING-I	19	15	0
14BJ1A0139	RT31015	TRANSPORTATION ENGINEERING-I	21	28	3
14BJ1A0140	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
14BJ1A0140	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	4	0
14BJ1A0140	RT31015	TRANSPORTATION ENGINEERING-I	16	0	0
14BJ1A0141	RT31015	TRANSPORTATION ENGINEERING-I	15	30	3
14BJ1A0144	RT31011	GEOTECHNICAL ENGINEERING-I	19	48	3
14BJ1A0146	RT31011	GEOTECHNICAL ENGINEERING-I	15	6	0
14BJ1A0146	RT31012	STRUCTURAL ANALYSIS-II	20	18	0
14BJ1A0150	RT31012	STRUCTURAL ANALYSIS-II	25	40	3
14BJ1A0150	RT31015	TRANSPORTATION ENGINEERING-I	18	33	3
14BJ1A0152	RT31015	TRANSPORTATION ENGINEERING-I	24	26	3
14BJ1A0153	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
14BJ1A0153	RT31015	TRANSPORTATION ENGINEERING-I	21	14	0
14BJ1A0154	RT31012	STRUCTURAL ANALYSIS-II	27	22	0
14BJ1A0155	RT31011	GEOTECHNICAL ENGINEERING-I	16	8	0
14BJ1A0155	RT31012	STRUCTURAL ANALYSIS-II	27	24	3
14BJ1A0155	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	13	16	0
14BJ1A0155	RT31014	ENGINEERING GEOLOGY	20	26	3
14BJ1A0155	RT31015	TRANSPORTATION ENGINEERING-I	16	17	0
14BJ1A0157	RT31011	GEOTECHNICAL ENGINEERING-I	18	22	0
14BJ1A0157	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	22	0
14BJ1A0158	RT31011	GEOTECHNICAL ENGINEERING-I	23	0	0
14BJ1A0158	RT31012	STRUCTURAL ANALYSIS-II	27	13	0
14BJ1A0158	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	21	0
14BJ1A0159	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
14BJ1A0159	RT31012	STRUCTURAL ANALYSIS-II	20	17	0
14BJ1A0159	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	24	3
14BJ1A0159	RT31014	ENGINEERING GEOLOGY	16	13	0
14BJ1A0159	RT31015	TRANSPORTATION ENGINEERING-I	15	30	3
14BJ1A0159	RT31016	IPR & PATENTS	21	28	2
14BJ1A0159	RT31017	GEOTECHNICAL ENGINEERING LAB	18	37	2
14BJ1A0159	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
14BJ1A0166	RT31011	GEOTECHNICAL ENGINEERING-I	17	7	0
14BJ1A0166	RT31012	STRUCTURAL ANALYSIS-II	12	-1	0
14BJ1A0166	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	11	0
14BJ1A0166	RT31014	ENGINEERING GEOLOGY	18	2	0
14BJ1A0166	RT31015	TRANSPORTATION ENGINEERING-I	24	6	0
14BJ1A0166	RT31016	IPR & PATENTS	22	-1	0
14BJ1A0170	RT31011	GEOTECHNICAL ENGINEERING-I	17	7	0
14BJ1A0170	RT31012	STRUCTURAL ANALYSIS-II	28	21	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0170	RT31015	TRANSPORTATION ENGINEERING-I	26	0	0
14BJ1A0172	RT31011	GEOTECHNICAL ENGINEERING-I	17	12	0
14BJ1A0172	RT31015	TRANSPORTATION ENGINEERING-I	14	17	0
14BJ1A0174	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
14BJ1A0174	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	11	0
14BJ1A0174	RT31015	TRANSPORTATION ENGINEERING-I	14	23	0
14BJ1A0176	RT31011	GEOTECHNICAL ENGINEERING-I	19	44	3
14BJ1A0179	RT31011	GEOTECHNICAL ENGINEERING-I	20	26	3
14BJ1A0179	RT31015	TRANSPORTATION ENGINEERING-I	27	37	3
14BJ1A0181	RT31011	GEOTECHNICAL ENGINEERING-I	15	6	0
14BJ1A0181	RT31014	ENGINEERING GEOLOGY	15	-1	0
14BJ1A0181	RT31015	TRANSPORTATION ENGINEERING-I	27	-1	0
14BJ1A0182	RT31012	STRUCTURAL ANALYSIS-II	23	25	3
14BJ1A0183	RT31011	GEOTECHNICAL ENGINEERING-I	17	6	0
14BJ1A0183	RT31012	STRUCTURAL ANALYSIS-II	26	8	0
14BJ1A0183	RT31014	ENGINEERING GEOLOGY	18	12	0
14BJ1A0183	RT31015	TRANSPORTATION ENGINEERING-I	22	13	0
14BJ1A0187	RT31011	GEOTECHNICAL ENGINEERING-I	17	36	3
14BJ1A0189	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	18	0
14BJ1A0195	RT31011	GEOTECHNICAL ENGINEERING-I	18	28	3
14BJ1A0198	RT31011	GEOTECHNICAL ENGINEERING-I	16	17	0
14BJ1A0198	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	48	3
14BJ1A0199	RT31011	GEOTECHNICAL ENGINEERING-I	17	42	3
14BJ1A0199	RT31012	STRUCTURAL ANALYSIS-II	25	9	0
14BJ1A0199	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	31	3
14BJ1A0199	RT31015	TRANSPORTATION ENGINEERING-I	22	40	3
14BJ1A01A1	RT31012	STRUCTURAL ANALYSIS-II	21	30	3
14BJ1A01A1	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	24	3
14BJ1A01A2	RT31011	GEOTECHNICAL ENGINEERING-I	22	55	3
14BJ1A01A5	RT31011	GEOTECHNICAL ENGINEERING-I	15	21	0
14BJ1A01A5	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	11	0
14BJ1A01A7	RT31011	GEOTECHNICAL ENGINEERING-I	15	10	0
14BJ1A01A7	RT31012	STRUCTURAL ANALYSIS-II	16	19	0
14BJ1A01A7	RT31017	GEOTECHNICAL ENGINEERING LAB	14	38	2
14BJ1A01A7	RT31018	ENGINEERING GEOLOGY LAB	14	43	2
14BJ1A01A9	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	13	-1	0
14BJ1A0209	RT31024	ELECTRICAL MACHINES-III	24	19	0
14BJ1A0212	RT31016	IPR & PATENTS	9	-1	0
14BJ1A0212	RT31022	MEFA	22	-1	0
14BJ1A0218	RT31025	POWER ELECTRONICS	23	6	0
14BJ1A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	10	0
14BJ1A0221	RT31023	POWER SYSTEMS-II	22	15	0
14BJ1A0226	RT31023	POWER SYSTEMS-II	26	33	3
14BJ1A0226	RT31024	ELECTRICAL MACHINES-III	20	15	0
14BJ1A0226	RT31025	POWER ELECTRONICS	20	12	0
14BJ1A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	11	0
14BJ1A0232	RT31021	ELECTRICAL MEASUREMENTS	20	17	0
14BJ1A0232	RT31023	POWER SYSTEMS-II	23	14	0
14BJ1A0232	RT31024	ELECTRICAL MACHINES-III	21	5	0
14BJ1A0232	RT31025	POWER ELECTRONICS	23	5	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	6	0
14BJ1A0234	RT31024	ELECTRICAL MACHINES-III	21	9	0
14BJ1A0234	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	12	0
14BJ1A0235	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	10	0
14BJ1A0236	RT31021	ELECTRICAL MEASUREMENTS	18	3	0
14BJ1A0236	RT31025	POWER ELECTRONICS	20	14	0
14BJ1A0239	RT31023	POWER SYSTEMS-II	24	27	3
14BJ1A0240	RT31021	ELECTRICAL MEASUREMENTS	23	14	0
14BJ1A0240	RT31023	POWER SYSTEMS-II	20	4	0
14BJ1A0240	RT31024	ELECTRICAL MACHINES-III	23	0	0
14BJ1A0240	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	14	0
14BJ1A0303	RT31031	DYNAMICS OF MACHINERY	10	0	0
14BJ1A0303	RT31035	THERMAL ENGINEERING-II	16	29	3
14BJ1A0307	RT31031	DYNAMICS OF MACHINERY	13	0	0
14BJ1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	29	3
14BJ1A0307	RT31035	THERMAL ENGINEERING-II	18	24	3
14BJ1A0307	RT31036	METROLOGY	14	28	3
14BJ1A0309	RT31035	THERMAL ENGINEERING-II	17	8	0
14BJ1A0310	RT31031	DYNAMICS OF MACHINERY	15	0	0
14BJ1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	3	0	0
14BJ1A0310	RT31035	THERMAL ENGINEERING-II	13	7	0
14BJ1A0311	RT31031	DYNAMICS OF MACHINERY	15	9	0
14BJ1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	18	2	0
14BJ1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	7	11	0
14BJ1A0311	RT31035	THERMAL ENGINEERING-II	20	24	3
14BJ1A0311	RT31036	METROLOGY	23	7	0
14BJ1A0312	RT31031	DYNAMICS OF MACHINERY	23	10	0
14BJ1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	16	42	3
14BJ1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	14	3	0
14BJ1A0316	RT31035	THERMAL ENGINEERING-II	24	33	3
14BJ1A0317	RT31031	DYNAMICS OF MACHINERY	23	6	0
14BJ1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	27	34	3
14BJ1A0319	RT31031	DYNAMICS OF MACHINERY	16	8	0
14BJ1A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	21	6	0
14BJ1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	11	0
14BJ1A0319	RT31036	METROLOGY	13	3	0
14BJ1A0322	RT31031	DYNAMICS OF MACHINERY	16	14	0
14BJ1A0323	RT31031	DYNAMICS OF MACHINERY	20	19	0
14BJ1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	13	5	0
14BJ1A0326	RT31035	THERMAL ENGINEERING-II	19	9	0
14BJ1A0330	RT31031	DYNAMICS OF MACHINERY	13	0	0
14BJ1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	37	3
14BJ1A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	27	13	0
14BJ1A0336	RT31031	DYNAMICS OF MACHINERY	13	0	0
14BJ1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	11	23	0
14BJ1A0336	RT31035	THERMAL ENGINEERING-II	16	27	3
14BJ1A0336	RT31036	METROLOGY	14	9	0
14BJ1A0339	RT31031	DYNAMICS OF MACHINERY	14	6	0
14BJ1A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	17	7	0
14BJ1A0339	RT31035	THERMAL ENGINEERING-II	22	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0340	RT31031	DYNAMICS OF MACHINERY	19	8	0
14BJ1A0340	RT31032	METAL CUTTING & MACHINE TOOLS	17	29	3
14BJ1A0340	RT31035	THERMAL ENGINEERING-II	19	24	3
14BJ1A0341	RT31031	DYNAMICS OF MACHINERY	11	14	0
14BJ1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	16	0
14BJ1A0341	RT31035	THERMAL ENGINEERING-II	14	7	0
14BJ1A0341	RT31036	METROLOGY	25	29	3
14BJ1A0342	RT31031	DYNAMICS OF MACHINERY	19	0	0
14BJ1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	0	0
14BJ1A0342	RT31035	THERMAL ENGINEERING-II	21	9	0
14BJ1A0346	RT31031	DYNAMICS OF MACHINERY	14	6	0
14BJ1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	9	0
14BJ1A0346	RT31035	THERMAL ENGINEERING-II	15	12	0
14BJ1A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	20	9	0
14BJ1A0347	RT31035	THERMAL ENGINEERING-II	21	28	3
14BJ1A0358	RT31035	THERMAL ENGINEERING-II	18	12	0
14BJ1A0363	RT31031	DYNAMICS OF MACHINERY	20	30	3
14BJ1A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	19	11	0
14BJ1A0366	RT31031	DYNAMICS OF MACHINERY	18	0	0
14BJ1A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	17	5	0
14BJ1A0368	RT31032	METAL CUTTING & MACHINE TOOLS	16	27	3
14BJ1A0369	RT31016	IPR & PATENTS	3	17	0
14BJ1A0369	RT31031	DYNAMICS OF MACHINERY	10	0	0
14BJ1A0369	RT31032	METAL CUTTING & MACHINE TOOLS	18	32	3
14BJ1A0369	RT31033	DESIGN OF MACHINE MEMBERS-I	6	0	0
14BJ1A0369	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	48	3
14BJ1A0369	RT31035	THERMAL ENGINEERING-II	21	12	0
14BJ1A0369	RT31036	METROLOGY	3	7	0
14BJ1A0369	RT31037	METROLOGY & INSTRUMENTATION LAB	16	30	2
14BJ1A0369	RT31038	MACHINE TOOLS LAB	14	35	2
14BJ1A0373	RT31032	METAL CUTTING & MACHINE TOOLS	22	17	0
14BJ1A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	4	0
14BJ1A0374	RT31035	THERMAL ENGINEERING-II	23	17	0
14BJ1A0375	RT31031	DYNAMICS OF MACHINERY	14	7	0
14BJ1A0375	RT31033	DESIGN OF MACHINE MEMBERS-I	8	2	0
14BJ1A0375	RT31035	THERMAL ENGINEERING-II	18	34	3
14BJ1A0375	RT31036	METROLOGY	10	11	0
14BJ1A0376	RT31032	METAL CUTTING & MACHINE TOOLS	16	28	3
14BJ1A0376	RT31033	DESIGN OF MACHINE MEMBERS-I	5	8	0
14BJ1A0376	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	-1	0
14BJ1A0376	RT31035	THERMAL ENGINEERING-II	16	-1	0
14BJ1A0377	RT31032	METAL CUTTING & MACHINE TOOLS	7	25	0
14BJ1A0377	RT31033	DESIGN OF MACHINE MEMBERS-I	5	9	0
14BJ1A0377	RT31035	THERMAL ENGINEERING-II	10	21	0
14BJ1A0381	RT31032	METAL CUTTING & MACHINE TOOLS	9	11	0
14BJ1A0381	RT31035	THERMAL ENGINEERING-II	21	23	0
14BJ1A0383	RT31033	DESIGN OF MACHINE MEMBERS-I	18	5	0
14BJ1A0383	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	11	0
14BJ1A0383	RT31036	METROLOGY	19	10	0
14BJ1A0384	RT31016	IPR & PATENTS	14	-1	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0384	RT31033	DESIGN OF MACHINE MEMBERS-I	11	-1	0
14BJ1A0384	RT31036	METROLOGY	16	0	0
14BJ1A0386	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	27	3
14BJ1A0386	RT31035	THERMAL ENGINEERING-II	16	28	3
14BJ1A0390	RT31031	DYNAMICS OF MACHINERY	15	8	0
14BJ1A0390	RT31033	DESIGN OF MACHINE MEMBERS-I	7	4	0
14BJ1A0390	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	7	0
14BJ1A0390	RT31035	THERMAL ENGINEERING-II	18	0	0
14BJ1A0390	RT31036	METROLOGY	21	11	0
14BJ1A0391	RT31016	IPR & PATENTS	19	24	2
14BJ1A0391	RT31031	DYNAMICS OF MACHINERY	23	0	0
14BJ1A0391	RT31032	METAL CUTTING & MACHINE TOOLS	6	36	3
14BJ1A0391	RT31033	DESIGN OF MACHINE MEMBERS-I	18	12	0
14BJ1A0391	RT31035	THERMAL ENGINEERING-II	24	31	3
14BJ1A0391	RT31036	METROLOGY	22	24	3
14BJ1A0393	RT31031	DYNAMICS OF MACHINERY	15	20	0
14BJ1A0393	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	3	0
14BJ1A0393	RT31036	METROLOGY	8	11	0
14BJ1A03A1	RT31031	DYNAMICS OF MACHINERY	3	0	0
14BJ1A03A1	RT31032	METAL CUTTING & MACHINE TOOLS	5	0	0
14BJ1A03A1	RT31033	DESIGN OF MACHINE MEMBERS-I	5	2	0
14BJ1A03A2	RT31032	METAL CUTTING & MACHINE TOOLS	9	0	0
14BJ1A03A2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	0	0
14BJ1A03A2	RT31036	METROLOGY	18	2	0
14BJ1A03A3	RT31031	DYNAMICS OF MACHINERY	20	28	3
14BJ1A03A3	RT31032	METAL CUTTING & MACHINE TOOLS	15	4	0
14BJ1A03A3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	39	3
14BJ1A03A3	RT31035	THERMAL ENGINEERING-II	23	24	3
14BJ1A03A5	RT31035	THERMAL ENGINEERING-II	24	30	3
14BJ1A03A5	RT31036	METROLOGY	26	21	0
14BJ1A03A7	RT31031	DYNAMICS OF MACHINERY	12	0	0
14BJ1A03A7	RT31032	METAL CUTTING & MACHINE TOOLS	8	15	0
14BJ1A03A7	RT31033	DESIGN OF MACHINE MEMBERS-I	8	0	0
14BJ1A03A7	RT31035	THERMAL ENGINEERING-II	11	0	0
14BJ1A03A7	RT31036	METROLOGY	7	2	0
14BJ1A03A8	RT31032	METAL CUTTING & MACHINE TOOLS	19	41	3
14BJ1A03A8	RT31035	THERMAL ENGINEERING-II	22	35	3
14BJ1A03A9	RT31035	THERMAL ENGINEERING-II	18	18	0
14BJ1A03B6	RT31032	METAL CUTTING & MACHINE TOOLS	8	24	0
14BJ1A03B6	RT31033	DESIGN OF MACHINE MEMBERS-I	13	7	0
14BJ1A03B6	RT31036	METROLOGY	11	11	0
14BJ1A03B8	RT31016	IPR & PATENTS	10	13	0
14BJ1A03B8	RT31031	DYNAMICS OF MACHINERY	17	-1	0
14BJ1A03B8	RT31032	METAL CUTTING & MACHINE TOOLS	10	0	0
14BJ1A03B8	RT31033	DESIGN OF MACHINE MEMBERS-I	12	0	0
14BJ1A03B8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	0	0
14BJ1A03B8	RT31035	THERMAL ENGINEERING-II	11	0	0
14BJ1A03B8	RT31036	METROLOGY	13	-1	0
14BJ1A03C1	RT31035	THERMAL ENGINEERING-II	23	30	3
14BJ1A03C1	RT31036	METROLOGY	23	46	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03C5	RT31031	DYNAMICS OF MACHINERY	14	41	3
14BJ1A03C5	RT31033	DESIGN OF MACHINE MEMBERS-I	15	17	0
14BJ1A03C5	RT31035	THERMAL ENGINEERING-II	15	19	0
14BJ1A03C6	RT31031	DYNAMICS OF MACHINERY	22	0	0
14BJ1A03C6	RT31032	METAL CUTTING & MACHINE TOOLS	8	12	0
14BJ1A03D1	RT31032	METAL CUTTING & MACHINE TOOLS	8	37	3
14BJ1A03D1	RT31033	DESIGN OF MACHINE MEMBERS-I	13	18	0
14BJ1A03D2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	28	3
14BJ1A0403	RT31043	CONTROL SYSTEMS	21	34	3
14BJ1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	28	12	0
14BJ1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	42	3
14BJ1A0405	RT31043	CONTROL SYSTEMS	22	11	0
14BJ1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	23	11	0
14BJ1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	27	27	3
14BJ1A0407	RT31043	CONTROL SYSTEMS	22	9	0
14BJ1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	24	43	3
14BJ1A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	19	0
14BJ1A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	26	3
14BJ1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	18	11	0
14BJ1A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	36	3
14BJ1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	24	31	3
14BJ1A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	20	0
14BJ1A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	3	0
14BJ1A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	41	3
14BJ1A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	11	0
14BJ1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	22	17	0
14BJ1A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	13	0
14BJ1A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	30	3
14BJ1A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	20	0
14BJ1A0425	RT31043	CONTROL SYSTEMS	27	21	0
14BJ1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	23	25	3
14BJ1A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	32	3
14BJ1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	21	11	0
14BJ1A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	28	3
14BJ1A0432	RT31043	CONTROL SYSTEMS	24	32	3
14BJ1A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	25	3
14BJ1A0433	RT31043	CONTROL SYSTEMS	20	18	0
14BJ1A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	7	0
14BJ1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	22	16	0
14BJ1A0436	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	27	3
14BJ1A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	16	0
14BJ1A0438	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	32	3
14BJ1A0438	RT31043	CONTROL SYSTEMS	21	9	0
14BJ1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	21	6	0
14BJ1A0440	RT31041	PULSE & DIGITAL CIRCUITS	11	0	0
14BJ1A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	9	0	0
14BJ1A0440	RT31043	CONTROL SYSTEMS	18	4	0
14BJ1A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	0	0
14BJ1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	17	6	0
14BJ1A0441	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	35	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0441	RT31043	CONTROL SYSTEMS	17	15	0
14BJ1A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	1	0
14BJ1A0444	RT31043	CONTROL SYSTEMS	20	13	0
14BJ1A0444	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	13	0
14BJ1A0446	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	27	3
14BJ1A0446	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	34	3
14BJ1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	24	15	0
14BJ1A0448	RT31041	PULSE & DIGITAL CIRCUITS	18	9	0
14BJ1A0448	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	44	3
14BJ1A0448	RT31043	CONTROL SYSTEMS	27	25	3
14BJ1A0448	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	3	0
14BJ1A0448	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
14BJ1A0451	RT31041	PULSE & DIGITAL CIRCUITS	10	-1	0
14BJ1A0451	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	0	0
14BJ1A0451	RT31043	CONTROL SYSTEMS	20	-1	0
14BJ1A0451	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	-1	0
14BJ1A0451	RT31045	ANTENNAS AND WAVE PROPAGATION	20	-1	0
14BJ1A0454	RT31045	ANTENNAS AND WAVE PROPAGATION	23	28	3
14BJ1A0455	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	25	3
14BJ1A0455	RT31045	ANTENNAS AND WAVE PROPAGATION	19	11	0
14BJ1A0456	RT31041	PULSE & DIGITAL CIRCUITS	21	28	3
14BJ1A0456	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	27	3
14BJ1A0456	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	0	0
14BJ1A0456	RT31045	ANTENNAS AND WAVE PROPAGATION	22	31	3
14BJ1A0459	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	28	3
14BJ1A0459	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	15	0
14BJ1A0459	RT31045	ANTENNAS AND WAVE PROPAGATION	23	5	0
14BJ1A0462	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	13	0
14BJ1A0462	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	0	0
14BJ1A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	24	47	3
14BJ1A0468	RT31043	CONTROL SYSTEMS	22	36	3
14BJ1A0468	RT31045	ANTENNAS AND WAVE PROPAGATION	26	20	0
14BJ1A0469	RT31041	PULSE & DIGITAL CIRCUITS	24	47	3
14BJ1A0469	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	43	3
14BJ1A0469	RT31045	ANTENNAS AND WAVE PROPAGATION	20	46	3
14BJ1A0472	RT31045	ANTENNAS AND WAVE PROPAGATION	26	27	3
14BJ1A0473	RT31041	PULSE & DIGITAL CIRCUITS	27	26	3
14BJ1A0475	RT31041	PULSE & DIGITAL CIRCUITS	20	16	0
14BJ1A0475	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	5	0
14BJ1A0475	RT31043	CONTROL SYSTEMS	23	12	0
14BJ1A0475	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	26	3
14BJ1A0475	RT31045	ANTENNAS AND WAVE PROPAGATION	18	10	0
14BJ1A0476	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	29	3
14BJ1A0476	RT31043	CONTROL SYSTEMS	24	26	3
14BJ1A0476	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	15	0
14BJ1A0476	RT31045	ANTENNAS AND WAVE PROPAGATION	20	14	0
14BJ1A0479	RT31041	PULSE & DIGITAL CIRCUITS	18	27	3
14BJ1A0479	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	12	16	0
14BJ1A0479	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	26	3
14BJ1A0480	RT31045	ANTENNAS AND WAVE PROPAGATION	14	19	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0481	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	8	0
14BJ1A0484	RT31041	PULSE & DIGITAL CIRCUITS	15	0	0
14BJ1A0484	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	4	0
14BJ1A0484	RT31043	CONTROL SYSTEMS	21	0	0
14BJ1A0484	RT31044	DIGITAL SYSTEM DESIGN & DICA	10	0	0
14BJ1A0484	RT31045	ANTENNAS AND WAVE PROPAGATION	15	3	0
14BJ1A0486	RT31045	ANTENNAS AND WAVE PROPAGATION	19	32	3
14BJ1A0487	RT31045	ANTENNAS AND WAVE PROPAGATION	23	22	0
14BJ1A0488	RT31041	PULSE & DIGITAL CIRCUITS	20	27	3
14BJ1A0488	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	0	0
14BJ1A0488	RT31043	CONTROL SYSTEMS	23	18	0
14BJ1A0490	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	43	3
14BJ1A0490	RT31043	CONTROL SYSTEMS	25	26	3
14BJ1A0490	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	28	3
14BJ1A0490	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
14BJ1A0492	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	29	3
14BJ1A0495	RT31045	ANTENNAS AND WAVE PROPAGATION	27	29	3
14BJ1A0496	RT31043	CONTROL SYSTEMS	19	37	3
14BJ1A0497	RT31041	PULSE & DIGITAL CIRCUITS	17	0	0
14BJ1A0497	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	0	0
14BJ1A0497	RT31045	ANTENNAS AND WAVE PROPAGATION	24	3	0
14BJ1A0498	RT31041	PULSE & DIGITAL CIRCUITS	18	27	3
14BJ1A0498	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	24	3
14BJ1A04A0	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
14BJ1A04A0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	11	0
14BJ1A04A0	RT31043	CONTROL SYSTEMS	20	4	0
14BJ1A04A0	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	18	0
14BJ1A04A0	RT31045	ANTENNAS AND WAVE PROPAGATION	10	12	0
14BJ1A04A1	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	44	3
14BJ1A04A2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	25	3
14BJ1A04A2	RT31043	CONTROL SYSTEMS	25	32	3
14BJ1A04A2	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	3	0
14BJ1A04A2	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
14BJ1A04A3	RT31043	CONTROL SYSTEMS	24	26	3
14BJ1A04A3	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	10	0
14BJ1A04A3	RT31045	ANTENNAS AND WAVE PROPAGATION	15	14	0
14BJ1A04A4	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	44	3
14BJ1A04A6	RT31041	PULSE & DIGITAL CIRCUITS	17	-1	0
14BJ1A04A6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	31	3
14BJ1A04A6	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	8	0
14BJ1A04A6	RT31045	ANTENNAS AND WAVE PROPAGATION	16	-1	0
14BJ1A04A7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	12	0
14BJ1A04A7	RT31045	ANTENNAS AND WAVE PROPAGATION	15	12	0
14BJ1A04A8	RT31045	ANTENNAS AND WAVE PROPAGATION	18	21	0
14BJ1A04A9	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	30	3
14BJ1A04A9	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	26	3
14BJ1A04B2	RT31041	PULSE & DIGITAL CIRCUITS	19	8	0
14BJ1A04B2	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	5	0
14BJ1A04B2	RT31045	ANTENNAS AND WAVE PROPAGATION	20	3	0
14BJ1A04B3	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	49	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04B3	RT31043	CONTROL SYSTEMS	21	16	0
14BJ1A04B3	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	5	0
14BJ1A04B3	RT31045	ANTENNAS AND WAVE PROPAGATION	24	38	3
14BJ1A04B6	RT31045	ANTENNAS AND WAVE PROPAGATION	19	23	0
14BJ1A04B7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	16	0
14BJ1A04B7	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	24	3
14BJ1A04B7	RT31045	ANTENNAS AND WAVE PROPAGATION	17	19	0
14BJ1A04B8	RT31041	PULSE & DIGITAL CIRCUITS	13	27	3
14BJ1A04B8	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	27	3
14BJ1A04B8	RT31044	DIGITAL SYSTEM DESIGN & DICA	13	17	0
14BJ1A04B8	RT31045	ANTENNAS AND WAVE PROPAGATION	14	14	0
14BJ1A04C6	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	29	3
14BJ1A04C7	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	41	3
14BJ1A04C7	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	27	3
14BJ1A04D0	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	36	3
14BJ1A04D1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	12	0
14BJ1A04D1	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	0	0
14BJ1A04D1	RT31045	ANTENNAS AND WAVE PROPAGATION	16	0	0
14BJ1A04D2	RT31041	PULSE & DIGITAL CIRCUITS	18	11	0
14BJ1A04D2	RT31043	CONTROL SYSTEMS	25	29	3
14BJ1A04D3	RT31043	CONTROL SYSTEMS	21	32	3
14BJ1A04D3	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
14BJ1A04D3	RT31045	ANTENNAS AND WAVE PROPAGATION	19	5	0
14BJ1A0504	RT31052	DATA COMMUNICATION	20	8	0
14BJ1A0504	RT31055	OPERATING SYSTEMS	22	7	0
14BJ1A0506	RT31051	COMPILER DESIGN	21	19	0
14BJ1A0507	RT31055	OPERATING SYSTEMS	18	2	0
14BJ1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	31	3
14BJ1A0510	RT31051	COMPILER DESIGN	25	39	3
14BJ1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	21	0
14BJ1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	35	3
14BJ1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	44	3
14BJ1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	20	0
14BJ1A0523	RT31051	COMPILER DESIGN	13	15	0
14BJ1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	31	3
14BJ1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
14BJ1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	43	2
14BJ1A0528	RT31051	COMPILER DESIGN	14	2	0
14BJ1A0528	RT31052	DATA COMMUNICATION	22	7	0
14BJ1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
14BJ1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	15	7	0
14BJ1A0528	RT31055	OPERATING SYSTEMS	20	15	0
14BJ1A0529	RT31051	COMPILER DESIGN	15	6	0
14BJ1A0529	RT31052	DATA COMMUNICATION	15	8	0
14BJ1A0529	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	17	0
14BJ1A0529	RT31054	DATABASE MANAGEMENT SYSTEMS	15	0	0
14BJ1A0529	RT31055	OPERATING SYSTEMS	23	3	0
14BJ1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	15	0
14BJ1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	21	24	3
14BJ1A0540	RT31055	OPERATING SYSTEMS	23	20	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0542	RT31052	DATA COMMUNICATION	22	46	3
14BJ1A0544	RT31051	COMPILER DESIGN	11	11	0
14BJ1A0544	RT31052	DATA COMMUNICATION	18	9	0
14BJ1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	9	0
14BJ1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	12	5	0
14BJ1A0544	RT31055	OPERATING SYSTEMS	16	2	0
14BJ1A0548	RT31051	COMPILER DESIGN	15	3	0
14BJ1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	27	3
14BJ1A0550	RT31051	COMPILER DESIGN	7	4	0
14BJ1A0550	RT31054	DATABASE MANAGEMENT SYSTEMS	16	17	0
14BJ1A0550	RT31055	OPERATING SYSTEMS	19	20	0
14BJ1A0551	RT31051	COMPILER DESIGN	14	14	0
14BJ1A0551	RT31052	DATA COMMUNICATION	17	13	0
14BJ1A0551	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	33	3
14BJ1A0551	RT31055	OPERATING SYSTEMS	18	10	0
14BJ1A0552	RT31051	COMPILER DESIGN	15	21	0
14BJ1A0552	RT31052	DATA COMMUNICATION	19	3	0
14BJ1A0552	RT31054	DATABASE MANAGEMENT SYSTEMS	19	3	0
14BJ1A0554	RT31052	DATA COMMUNICATION	22	35	3
14BJ1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	23	28	3
14BJ1A0554	RT31055	OPERATING SYSTEMS	24	16	0
14BJ1A0556	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	18	0
14BJ1A0557	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	32	3
14BJ1A0557	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14BJ1A0557	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
14BJ1A0561	RT31052	DATA COMMUNICATION	19	9	0
14BJ1A0561	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	24	3
14BJ1A0561	RT31055	OPERATING SYSTEMS	22	2	0
14BJ1A0564	RT31051	COMPILER DESIGN	18	2	0
14BJ1A0570	RT31051	COMPILER DESIGN	16	24	3
14BJ1A0570	RT31052	DATA COMMUNICATION	24	11	0
14BJ1A0570	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	46	3
14BJ1A0570	RT31055	OPERATING SYSTEMS	25	26	3
14BJ1A0575	RT31055	OPERATING SYSTEMS	26	12	0
14BJ1A0576	RT31052	DATA COMMUNICATION	24	13	0
14BJ1A0576	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	14	0
14BJ1A0580	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	20	0
14BJ1A0581	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	45	3
14BJ1A0582	RT31054	DATABASE MANAGEMENT SYSTEMS	19	30	3
14BJ1A0583	RT31054	DATABASE MANAGEMENT SYSTEMS	23	12	0
14BJ1A0583	RT31055	OPERATING SYSTEMS	22	9	0
14BJ1A0584	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	37	3
14BJ1A0584	RT31055	OPERATING SYSTEMS	30	16	0
14BJ1A0585	RT31051	COMPILER DESIGN	14	8	0
14BJ1A0585	RT31054	DATABASE MANAGEMENT SYSTEMS	19	5	0
14BJ1A0585	RT31055	OPERATING SYSTEMS	21	12	0
14BJ1A0588	RT31051	COMPILER DESIGN	18	34	3
14BJ1A0590	RT31051	COMPILER DESIGN	16	36	3
14BJ1A0590	RT31055	OPERATING SYSTEMS	10	27	0
14BJ1A0591	RT31051	COMPILER DESIGN	20	7	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0591	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	6	0
14BJ1A0595	RT31054	DATABASE MANAGEMENT SYSTEMS	23	30	3
14BJ1A0596	RT31052	DATA COMMUNICATION	25	17	0
14BJ1A0596	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	13	0
14BJ1A0596	RT31054	DATABASE MANAGEMENT SYSTEMS	19	10	0
14BJ1A05A3	RT31051	COMPILER DESIGN	17	3	0
14BJ1A05A3	RT31052	DATA COMMUNICATION	20	6	0
14BJ1A05A3	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	2	0
14BJ1A05A3	RT31055	OPERATING SYSTEMS	20	1	0
14BJ1A05A9	RT31055	OPERATING SYSTEMS	19	11	0
14BJ1A05B0	RT31052	DATA COMMUNICATION	23	24	3
14BJ1A05B0	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	34	3
14BJ1A05B0	RT31055	OPERATING SYSTEMS	23	19	0
14BJ1A05B1	RT31051	COMPILER DESIGN	21	3	0
14BJ1A05B1	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	32	3
14BJ1A05B1	RT31054	DATABASE MANAGEMENT SYSTEMS	23	14	0
14BJ1A05B1	RT31055	OPERATING SYSTEMS	22	28	3
14BJ1A05B2	RT31051	COMPILER DESIGN	5	6	0
14BJ1A05B2	RT31052	DATA COMMUNICATION	16	-1	0
14BJ1A05B2	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	15	12	0
14BJ1A05B2	RT31054	DATABASE MANAGEMENT SYSTEMS	17	4	0
14BJ1A05B2	RT31055	OPERATING SYSTEMS	15	7	0
14BJ1A05B5	RT31052	DATA COMMUNICATION	27	18	0
14BJ1A05B5	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	24	3
14BJ1A05B5	RT31055	OPERATING SYSTEMS	24	15	0
14BJ1A05B9	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	32	3
14BJ1A05C0	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	13	0
14BJ1A05C2	RT31051	COMPILER DESIGN	13	0	0
14BJ1A05C2	RT31052	DATA COMMUNICATION	22	9	0
14BJ1A05C2	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	7	0
14BJ1A05C2	RT31054	DATABASE MANAGEMENT SYSTEMS	16	6	0
14BJ1A05C2	RT31055	OPERATING SYSTEMS	24	14	0
14BJ1A05C3	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	37	3
14BJ5A0322	RT31035	THERMAL ENGINEERING-II	18	10	0
14BJ5A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	5	11	0
14BJ5A0327	RT31031	DYNAMICS OF MACHINERY	17	0	0
14BJ5A0327	RT31035	THERMAL ENGINEERING-II	14	25	0
14BJ5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	23	31	3
14BJ5A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	18	0
14BJ5A0413	RT31043	CONTROL SYSTEMS	23	16	0
14BJ5A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	16	0
14BJ5A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	23	15	0
14BJ5A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	41	3
14BJ5A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	26	3
14BJ5A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
14BJ5A0425	RT31041	PULSE & DIGITAL CIRCUITS	20	13	0
14BJ5A0429	RT31041	PULSE & DIGITAL CIRCUITS	22	31	3
14BJ5A0429	RT31043	CONTROL SYSTEMS	20	14	0
14BJ5A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	2	0
14BJ5A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	23	6	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ5A0432	RT31041	PULSE & DIGITAL CIRCUITS	21	28	3
14BJ5A0501	RT31055	OPERATING SYSTEMS	20	16	0
14BJ5A0505	RT31051	COMPILER DESIGN	19	19	0
14BJ5A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	38	3
14FE1A04E1	RT31016	IPR & PATENTS	0	-1	0
14FE1A04E1	RT31041	PULSE & DIGITAL CIRCUITS	0	-1	0
14FE1A04E1	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	0	-1	0
14FE1A04E1	RT31043	CONTROL SYSTEMS	0	-1	0
14FE1A04E1	RT31044	DIGITAL SYSTEM DESIGN & DICA	0	-1	0
14FE1A04E1	RT31045	ANTENNAS AND WAVE PROPAGATION	0	-1	0
14FE1A04E1	RT31047	PULSE & DIGITAL CIRCUITS LAB	0	-1	0
14FE1A04E1	RT31048	LICA LAB	0	-1	0
14FE1A04E1	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	0	-1	0
15BJ1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	18	10	0
15BJ1A0101	RT31012	STRUCTURAL ANALYSIS-II	22	29	3
15BJ1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	18	0
15BJ1A0101	RT31014	ENGINEERING GEOLOGY	20	10	0
15BJ1A0101	RT31015	TRANSPORTATION ENGINEERING-I	21	30	3
15BJ1A0101	RT31016	IPR & PATENTS	25	26	2
15BJ1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	19	42	2
15BJ1A0101	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
15BJ1A0102	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
15BJ1A0102	RT31012	STRUCTURAL ANALYSIS-II	28	36	3
15BJ1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	52	3
15BJ1A0102	RT31014	ENGINEERING GEOLOGY	27	37	3
15BJ1A0102	RT31015	TRANSPORTATION ENGINEERING-I	28	47	3
15BJ1A0102	RT31016	IPR & PATENTS	27	45	2
15BJ1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
15BJ1A0102	RT31018	ENGINEERING GEOLOGY LAB	25	50	2
15BJ1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	25	24	3
15BJ1A0103	RT31012	STRUCTURAL ANALYSIS-II	24	40	3
15BJ1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	32	3
15BJ1A0103	RT31014	ENGINEERING GEOLOGY	21	15	0
15BJ1A0103	RT31015	TRANSPORTATION ENGINEERING-I	24	26	3
15BJ1A0103	RT31016	IPR & PATENTS	26	27	2
15BJ1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
15BJ1A0103	RT31018	ENGINEERING GEOLOGY LAB	19	43	2
15BJ1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	24	39	3
15BJ1A0104	RT31012	STRUCTURAL ANALYSIS-II	27	37	3
15BJ1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	29	3
15BJ1A0104	RT31014	ENGINEERING GEOLOGY	27	39	3
15BJ1A0104	RT31015	TRANSPORTATION ENGINEERING-I	27	44	3
15BJ1A0104	RT31016	IPR & PATENTS	29	37	2
15BJ1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	24	50	2
15BJ1A0104	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
15BJ1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	20	12	0
15BJ1A0105	RT31012	STRUCTURAL ANALYSIS-II	23	28	3
15BJ1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	16	0
15BJ1A0105	RT31014	ENGINEERING GEOLOGY	14	18	0
15BJ1A0105	RT31015	TRANSPORTATION ENGINEERING-I	22	9	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0105	RT31016	IPR & PATENTS	24	28	2
15BJ1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
15BJ1A0105	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
15BJ1A0108	RT31011	GEOTECHNICAL ENGINEERING-I	8	16	0
15BJ1A0108	RT31012	STRUCTURAL ANALYSIS-II	23	6	0
15BJ1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	16	0
15BJ1A0108	RT31014	ENGINEERING GEOLOGY	15	14	0
15BJ1A0108	RT31015	TRANSPORTATION ENGINEERING-I	22	14	0
15BJ1A0108	RT31016	IPR & PATENTS	25	32	2
15BJ1A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	19	43	2
15BJ1A0108	RT31018	ENGINEERING GEOLOGY LAB	19	42	2
15BJ1A0109	RT31011	GEOTECHNICAL ENGINEERING-I	22	16	0
15BJ1A0109	RT31012	STRUCTURAL ANALYSIS-II	22	20	0
15BJ1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	17	0
15BJ1A0109	RT31014	ENGINEERING GEOLOGY	16	17	0
15BJ1A0109	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
15BJ1A0109	RT31016	IPR & PATENTS	21	26	2
15BJ1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	20	44	2
15BJ1A0109	RT31018	ENGINEERING GEOLOGY LAB	19	43	2
15BJ1A0110	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
15BJ1A0110	RT31012	STRUCTURAL ANALYSIS-II	23	31	3
15BJ1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	33	3
15BJ1A0110	RT31014	ENGINEERING GEOLOGY	21	36	3
15BJ1A0110	RT31015	TRANSPORTATION ENGINEERING-I	22	17	0
15BJ1A0110	RT31016	IPR & PATENTS	22	40	2
15BJ1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	20	44	2
15BJ1A0110	RT31018	ENGINEERING GEOLOGY LAB	20	45	2
15BJ1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	11	0	0
15BJ1A0111	RT31012	STRUCTURAL ANALYSIS-II	14	26	3
15BJ1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	6	0
15BJ1A0111	RT31014	ENGINEERING GEOLOGY	12	24	0
15BJ1A0111	RT31015	TRANSPORTATION ENGINEERING-I	15	8	0
15BJ1A0111	RT31016	IPR & PATENTS	21	9	0
15BJ1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	18	41	2
15BJ1A0111	RT31018	ENGINEERING GEOLOGY LAB	19	44	2
15BJ1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	29	36	3
15BJ1A0112	RT31012	STRUCTURAL ANALYSIS-II	27	39	3
15BJ1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	55	3
15BJ1A0112	RT31014	ENGINEERING GEOLOGY	25	52	3
15BJ1A0112	RT31015	TRANSPORTATION ENGINEERING-I	29	47	3
15BJ1A0112	RT31016	IPR & PATENTS	26	47	2
15BJ1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	25	50	2
15BJ1A0112	RT31018	ENGINEERING GEOLOGY LAB	25	50	2
15BJ1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	20	8	0
15BJ1A0113	RT31012	STRUCTURAL ANALYSIS-II	23	36	3
15BJ1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	8	0
15BJ1A0113	RT31014	ENGINEERING GEOLOGY	16	9	0
15BJ1A0113	RT31015	TRANSPORTATION ENGINEERING-I	24	9	0
15BJ1A0113	RT31016	IPR & PATENTS	23	25	2
15BJ1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	18	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0113	RT31018	ENGINEERING GEOLOGY LAB	17	42	2
15BJ1A0114	RT31011	GEOTECHNICAL ENGINEERING-I	21	10	0
15BJ1A0114	RT31012	STRUCTURAL ANALYSIS-II	23	31	3
15BJ1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	48	3
15BJ1A0114	RT31014	ENGINEERING GEOLOGY	24	32	3
15BJ1A0114	RT31015	TRANSPORTATION ENGINEERING-I	24	33	3
15BJ1A0114	RT31016	IPR & PATENTS	27	33	2
15BJ1A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
15BJ1A0114	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
15BJ1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	18	12	0
15BJ1A0116	RT31012	STRUCTURAL ANALYSIS-II	19	24	3
15BJ1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	6	0
15BJ1A0116	RT31014	ENGINEERING GEOLOGY	16	25	3
15BJ1A0116	RT31015	TRANSPORTATION ENGINEERING-I	19	24	3
15BJ1A0116	RT31016	IPR & PATENTS	23	11	0
15BJ1A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	20	42	2
15BJ1A0116	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
15BJ1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	23	11	0
15BJ1A0117	RT31012	STRUCTURAL ANALYSIS-II	22	16	0
15BJ1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	31	3
15BJ1A0117	RT31014	ENGINEERING GEOLOGY	17	24	3
15BJ1A0117	RT31015	TRANSPORTATION ENGINEERING-I	26	5	0
15BJ1A0117	RT31016	IPR & PATENTS	18	43	2
15BJ1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
15BJ1A0117	RT31018	ENGINEERING GEOLOGY LAB	17	42	2
15BJ1A0118	RT31011	GEOTECHNICAL ENGINEERING-I	21	40	3
15BJ1A0118	RT31012	STRUCTURAL ANALYSIS-II	25	40	3
15BJ1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	15	0
15BJ1A0118	RT31014	ENGINEERING GEOLOGY	16	8	0
15BJ1A0118	RT31015	TRANSPORTATION ENGINEERING-I	27	16	0
15BJ1A0118	RT31016	IPR & PATENTS	23	30	2
15BJ1A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
15BJ1A0118	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
15BJ1A0119	RT31011	GEOTECHNICAL ENGINEERING-I	21	6	0
15BJ1A0119	RT31012	STRUCTURAL ANALYSIS-II	23	10	0
15BJ1A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	16	0
15BJ1A0119	RT31014	ENGINEERING GEOLOGY	20	29	3
15BJ1A0119	RT31015	TRANSPORTATION ENGINEERING-I	19	36	3
15BJ1A0119	RT31016	IPR & PATENTS	22	36	2
15BJ1A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	21	43	2
15BJ1A0119	RT31018	ENGINEERING GEOLOGY LAB	21	45	2
15BJ1A0120	RT31011	GEOTECHNICAL ENGINEERING-I	16	0	0
15BJ1A0120	RT31012	STRUCTURAL ANALYSIS-II	16	24	3
15BJ1A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	21	0
15BJ1A0120	RT31014	ENGINEERING GEOLOGY	13	24	0
15BJ1A0120	RT31015	TRANSPORTATION ENGINEERING-I	16	13	0
15BJ1A0120	RT31016	IPR & PATENTS	19	24	2
15BJ1A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	19	40	2
15BJ1A0120	RT31018	ENGINEERING GEOLOGY LAB	19	42	2
15BJ1A0121	RT31011	GEOTECHNICAL ENGINEERING-I	14	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0121	RT31012	STRUCTURAL ANALYSIS-II	17	0	0
15BJ1A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	12	0
15BJ1A0121	RT31014	ENGINEERING GEOLOGY	7	0	0
15BJ1A0121	RT31015	TRANSPORTATION ENGINEERING-I	17	14	0
15BJ1A0121	RT31016	IPR & PATENTS	20	24	2
15BJ1A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	19	39	2
15BJ1A0121	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
15BJ1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	23	17	0
15BJ1A0124	RT31012	STRUCTURAL ANALYSIS-II	19	31	3
15BJ1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	11	0
15BJ1A0124	RT31014	ENGINEERING GEOLOGY	18	3	0
15BJ1A0124	RT31015	TRANSPORTATION ENGINEERING-I	18	17	0
15BJ1A0124	RT31016	IPR & PATENTS	22	26	2
15BJ1A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	19	40	2
15BJ1A0124	RT31018	ENGINEERING GEOLOGY LAB	17	40	2
15BJ1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	20	10	0
15BJ1A0125	RT31012	STRUCTURAL ANALYSIS-II	19	28	3
15BJ1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	32	3
15BJ1A0125	RT31014	ENGINEERING GEOLOGY	12	29	3
15BJ1A0125	RT31015	TRANSPORTATION ENGINEERING-I	19	34	3
15BJ1A0125	RT31016	IPR & PATENTS	26	42	2
15BJ1A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
15BJ1A0125	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
15BJ1A0126	RT31011	GEOTECHNICAL ENGINEERING-I	24	35	3
15BJ1A0126	RT31012	STRUCTURAL ANALYSIS-II	25	57	3
15BJ1A0126	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	44	3
15BJ1A0126	RT31014	ENGINEERING GEOLOGY	20	40	3
15BJ1A0126	RT31015	TRANSPORTATION ENGINEERING-I	25	30	3
15BJ1A0126	RT31016	IPR & PATENTS	26	36	2
15BJ1A0126	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
15BJ1A0126	RT31018	ENGINEERING GEOLOGY LAB	21	45	2
15BJ1A0127	RT31011	GEOTECHNICAL ENGINEERING-I	18	37	3
15BJ1A0127	RT31012	STRUCTURAL ANALYSIS-II	23	29	3
15BJ1A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	31	3
15BJ1A0127	RT31014	ENGINEERING GEOLOGY	27	24	3
15BJ1A0127	RT31015	TRANSPORTATION ENGINEERING-I	25	40	3
15BJ1A0127	RT31016	IPR & PATENTS	24	36	2
15BJ1A0127	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
15BJ1A0127	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
15BJ1A0128	RT31011	GEOTECHNICAL ENGINEERING-I	23	52	3
15BJ1A0128	RT31012	STRUCTURAL ANALYSIS-II	26	37	3
15BJ1A0128	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	34	3
15BJ1A0128	RT31014	ENGINEERING GEOLOGY	21	25	3
15BJ1A0128	RT31015	TRANSPORTATION ENGINEERING-I	23	35	3
15BJ1A0128	RT31016	IPR & PATENTS	26	40	2
15BJ1A0128	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
15BJ1A0128	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
15BJ1A0130	RT31011	GEOTECHNICAL ENGINEERING-I	18	24	3
15BJ1A0130	RT31012	STRUCTURAL ANALYSIS-II	20	14	0
15BJ1A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0130	RT31014	ENGINEERING GEOLOGY	17	31	3
15BJ1A0130	RT31015	TRANSPORTATION ENGINEERING-I	24	13	0
15BJ1A0130	RT31016	IPR & PATENTS	21	36	2
15BJ1A0130	RT31017	GEOTECHNICAL ENGINEERING LAB	19	40	2
15BJ1A0130	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
15BJ1A0131	RT31011	GEOTECHNICAL ENGINEERING-I	24	0	0
15BJ1A0131	RT31012	STRUCTURAL ANALYSIS-II	19	30	3
15BJ1A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	26	3
15BJ1A0131	RT31014	ENGINEERING GEOLOGY	19	32	3
15BJ1A0131	RT31015	TRANSPORTATION ENGINEERING-I	21	31	3
15BJ1A0131	RT31016	IPR & PATENTS	22	25	2
15BJ1A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	22	41	2
15BJ1A0131	RT31018	ENGINEERING GEOLOGY LAB	16	40	2
15BJ1A0132	RT31011	GEOTECHNICAL ENGINEERING-I	18	13	0
15BJ1A0132	RT31012	STRUCTURAL ANALYSIS-II	22	9	0
15BJ1A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	35	3
15BJ1A0132	RT31014	ENGINEERING GEOLOGY	22	24	3
15BJ1A0132	RT31015	TRANSPORTATION ENGINEERING-I	21	24	3
15BJ1A0132	RT31016	IPR & PATENTS	22	28	2
15BJ1A0132	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
15BJ1A0132	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
15BJ1A0133	RT31011	GEOTECHNICAL ENGINEERING-I	18	16	0
15BJ1A0133	RT31012	STRUCTURAL ANALYSIS-II	22	31	3
15BJ1A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	23	0
15BJ1A0133	RT31014	ENGINEERING GEOLOGY	16	6	0
15BJ1A0133	RT31015	TRANSPORTATION ENGINEERING-I	22	37	3
15BJ1A0133	RT31016	IPR & PATENTS	20	31	2
15BJ1A0133	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
15BJ1A0133	RT31018	ENGINEERING GEOLOGY LAB	16	40	2
15BJ1A0134	RT31011	GEOTECHNICAL ENGINEERING-I	19	14	0
15BJ1A0134	RT31012	STRUCTURAL ANALYSIS-II	23	41	3
15BJ1A0134	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	46	3
15BJ1A0134	RT31014	ENGINEERING GEOLOGY	20	35	3
15BJ1A0134	RT31015	TRANSPORTATION ENGINEERING-I	24	48	3
15BJ1A0134	RT31016	IPR & PATENTS	21	48	2
15BJ1A0134	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
15BJ1A0134	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
15BJ1A0136	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
15BJ1A0136	RT31012	STRUCTURAL ANALYSIS-II	16	6	0
15BJ1A0136	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	8	0
15BJ1A0136	RT31014	ENGINEERING GEOLOGY	18	15	0
15BJ1A0136	RT31015	TRANSPORTATION ENGINEERING-I	16	5	0
15BJ1A0136	RT31016	IPR & PATENTS	16	15	0
15BJ1A0136	RT31017	GEOTECHNICAL ENGINEERING LAB	17	38	2
15BJ1A0136	RT31018	ENGINEERING GEOLOGY LAB	17	42	2
15BJ1A0138	RT31011	GEOTECHNICAL ENGINEERING-I	25	17	0
15BJ1A0138	RT31012	STRUCTURAL ANALYSIS-II	25	32	3
15BJ1A0138	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	35	3
15BJ1A0138	RT31014	ENGINEERING GEOLOGY	24	41	3
15BJ1A0138	RT31015	TRANSPORTATION ENGINEERING-I	26	39	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0138	RT31016	IPR & PATENTS	20	43	2
15BJ1A0138	RT31017	GEOTECHNICAL ENGINEERING LAB	24	49	2
15BJ1A0138	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
15BJ1A0139	RT31011	GEOTECHNICAL ENGINEERING-I	21	5	0
15BJ1A0139	RT31012	STRUCTURAL ANALYSIS-II	21	4	0
15BJ1A0139	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	3	0
15BJ1A0139	RT31014	ENGINEERING GEOLOGY	12	0	0
15BJ1A0139	RT31015	TRANSPORTATION ENGINEERING-I	25	2	0
15BJ1A0139	RT31016	IPR & PATENTS	4	3	0
15BJ1A0139	RT31017	GEOTECHNICAL ENGINEERING LAB	15	-1	0
15BJ1A0139	RT31018	ENGINEERING GEOLOGY LAB	15	-1	0
15BJ1A0140	RT31011	GEOTECHNICAL ENGINEERING-I	25	24	3
15BJ1A0140	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
15BJ1A0140	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	38	3
15BJ1A0140	RT31014	ENGINEERING GEOLOGY	26	37	3
15BJ1A0140	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
15BJ1A0140	RT31016	IPR & PATENTS	25	33	2
15BJ1A0140	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
15BJ1A0140	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
15BJ1A0141	RT31011	GEOTECHNICAL ENGINEERING-I	23	11	0
15BJ1A0141	RT31012	STRUCTURAL ANALYSIS-II	24	35	3
15BJ1A0141	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	8	0
15BJ1A0141	RT31014	ENGINEERING GEOLOGY	17	27	3
15BJ1A0141	RT31015	TRANSPORTATION ENGINEERING-I	24	9	0
15BJ1A0141	RT31016	IPR & PATENTS	24	24	2
15BJ1A0141	RT31017	GEOTECHNICAL ENGINEERING LAB	21	43	2
15BJ1A0141	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
15BJ1A0142	RT31011	GEOTECHNICAL ENGINEERING-I	25	35	3
15BJ1A0142	RT31012	STRUCTURAL ANALYSIS-II	26	39	3
15BJ1A0142	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	57	3
15BJ1A0142	RT31014	ENGINEERING GEOLOGY	24	33	3
15BJ1A0142	RT31015	TRANSPORTATION ENGINEERING-I	28	45	3
15BJ1A0142	RT31016	IPR & PATENTS	27	45	2
15BJ1A0142	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
15BJ1A0142	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
15BJ1A0143	RT31011	GEOTECHNICAL ENGINEERING-I	26	53	3
15BJ1A0143	RT31012	STRUCTURAL ANALYSIS-II	24	52	3
15BJ1A0143	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	39	3
15BJ1A0143	RT31014	ENGINEERING GEOLOGY	26	15	0
15BJ1A0143	RT31015	TRANSPORTATION ENGINEERING-I	25	50	3
15BJ1A0143	RT31016	IPR & PATENTS	26	41	2
15BJ1A0143	RT31017	GEOTECHNICAL ENGINEERING LAB	22	49	2
15BJ1A0143	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
15BJ1A0145	RT31011	GEOTECHNICAL ENGINEERING-I	20	0	0
15BJ1A0145	RT31012	STRUCTURAL ANALYSIS-II	20	24	3
15BJ1A0145	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	35	3
15BJ1A0145	RT31014	ENGINEERING GEOLOGY	19	29	3
15BJ1A0145	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
15BJ1A0145	RT31016	IPR & PATENTS	23	42	2
15BJ1A0145	RT31017	GEOTECHNICAL ENGINEERING LAB	20	41	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0145	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
15BJ1A0148	RT31011	GEOTECHNICAL ENGINEERING-I	22	17	0
15BJ1A0148	RT31012	STRUCTURAL ANALYSIS-II	24	50	3
15BJ1A0148	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	39	3
15BJ1A0148	RT31014	ENGINEERING GEOLOGY	23	40	3
15BJ1A0148	RT31015	TRANSPORTATION ENGINEERING-I	21	40	3
15BJ1A0148	RT31016	IPR & PATENTS	23	31	2
15BJ1A0148	RT31017	GEOTECHNICAL ENGINEERING LAB	22	39	2
15BJ1A0148	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
15BJ1A0149	RT31011	GEOTECHNICAL ENGINEERING-I	16	0	0
15BJ1A0149	RT31012	STRUCTURAL ANALYSIS-II	19	16	0
15BJ1A0149	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	38	3
15BJ1A0149	RT31014	ENGINEERING GEOLOGY	16	0	0
15BJ1A0149	RT31015	TRANSPORTATION ENGINEERING-I	18	14	0
15BJ1A0149	RT31016	IPR & PATENTS	20	31	2
15BJ1A0149	RT31017	GEOTECHNICAL ENGINEERING LAB	18	37	2
15BJ1A0149	RT31018	ENGINEERING GEOLOGY LAB	19	41	2
15BJ1A0150	RT31011	GEOTECHNICAL ENGINEERING-I	24	24	3
15BJ1A0150	RT31012	STRUCTURAL ANALYSIS-II	27	33	3
15BJ1A0150	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	38	3
15BJ1A0150	RT31014	ENGINEERING GEOLOGY	21	24	3
15BJ1A0150	RT31015	TRANSPORTATION ENGINEERING-I	22	30	3
15BJ1A0150	RT31016	IPR & PATENTS	25	24	2
15BJ1A0150	RT31017	GEOTECHNICAL ENGINEERING LAB	20	41	2
15BJ1A0150	RT31018	ENGINEERING GEOLOGY LAB	21	43	2
15BJ1A0151	RT31011	GEOTECHNICAL ENGINEERING-I	13	9	0
15BJ1A0151	RT31012	STRUCTURAL ANALYSIS-II	19	10	0
15BJ1A0151	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	12	0
15BJ1A0151	RT31014	ENGINEERING GEOLOGY	16	30	3
15BJ1A0151	RT31015	TRANSPORTATION ENGINEERING-I	11	31	3
15BJ1A0151	RT31016	IPR & PATENTS	23	39	2
15BJ1A0151	RT31017	GEOTECHNICAL ENGINEERING LAB	18	40	2
15BJ1A0151	RT31018	ENGINEERING GEOLOGY LAB	21	42	2
15BJ1A0152	RT31011	GEOTECHNICAL ENGINEERING-I	24	15	0
15BJ1A0152	RT31012	STRUCTURAL ANALYSIS-II	22	52	3
15BJ1A0152	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	48	3
15BJ1A0152	RT31014	ENGINEERING GEOLOGY	23	38	3
15BJ1A0152	RT31015	TRANSPORTATION ENGINEERING-I	24	40	3
15BJ1A0152	RT31016	IPR & PATENTS	20	29	2
15BJ1A0152	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
15BJ1A0152	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
15BJ1A0153	RT31011	GEOTECHNICAL ENGINEERING-I	23	20	0
15BJ1A0153	RT31012	STRUCTURAL ANALYSIS-II	24	33	3
15BJ1A0153	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	43	3
15BJ1A0153	RT31014	ENGINEERING GEOLOGY	21	24	3
15BJ1A0153	RT31015	TRANSPORTATION ENGINEERING-I	26	39	3
15BJ1A0153	RT31016	IPR & PATENTS	23	47	2
15BJ1A0153	RT31017	GEOTECHNICAL ENGINEERING LAB	21	47	2
15BJ1A0153	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
15BJ1A0154	RT31011	GEOTECHNICAL ENGINEERING-I	17	31	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0154	RT31012	STRUCTURAL ANALYSIS-II	21	40	3
15BJ1A0154	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	18	0
15BJ1A0154	RT31014	ENGINEERING GEOLOGY	15	13	0
15BJ1A0154	RT31015	TRANSPORTATION ENGINEERING-I	16	37	3
15BJ1A0154	RT31016	IPR & PATENTS	22	29	2
15BJ1A0154	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
15BJ1A0154	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
15BJ1A0155	RT31011	GEOTECHNICAL ENGINEERING-I	15	0	0
15BJ1A0155	RT31012	STRUCTURAL ANALYSIS-II	20	25	3
15BJ1A0155	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	10	0
15BJ1A0155	RT31014	ENGINEERING GEOLOGY	19	28	3
15BJ1A0155	RT31015	TRANSPORTATION ENGINEERING-I	21	5	0
15BJ1A0155	RT31016	IPR & PATENTS	22	41	2
15BJ1A0155	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
15BJ1A0155	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
15BJ1A0156	RT31011	GEOTECHNICAL ENGINEERING-I	13	-1	0
15BJ1A0156	RT31012	STRUCTURAL ANALYSIS-II	24	26	3
15BJ1A0156	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	21	0
15BJ1A0156	RT31014	ENGINEERING GEOLOGY	16	31	3
15BJ1A0156	RT31015	TRANSPORTATION ENGINEERING-I	20	36	3
15BJ1A0156	RT31016	IPR & PATENTS	23	25	2
15BJ1A0156	RT31017	GEOTECHNICAL ENGINEERING LAB	18	40	2
15BJ1A0156	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
15BJ1A0157	RT31011	GEOTECHNICAL ENGINEERING-I	20	8	0
15BJ1A0157	RT31012	STRUCTURAL ANALYSIS-II	19	12	0
15BJ1A0157	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	35	3
15BJ1A0157	RT31014	ENGINEERING GEOLOGY	16	35	3
15BJ1A0157	RT31015	TRANSPORTATION ENGINEERING-I	19	17	0
15BJ1A0157	RT31016	IPR & PATENTS	22	31	2
15BJ1A0157	RT31017	GEOTECHNICAL ENGINEERING LAB	21	45	2
15BJ1A0157	RT31018	ENGINEERING GEOLOGY LAB	21	43	2
15BJ1A0158	RT31011	GEOTECHNICAL ENGINEERING-I	23	9	0
15BJ1A0158	RT31012	STRUCTURAL ANALYSIS-II	24	31	3
15BJ1A0158	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	20	0
15BJ1A0158	RT31014	ENGINEERING GEOLOGY	16	7	0
15BJ1A0158	RT31015	TRANSPORTATION ENGINEERING-I	19	12	0
15BJ1A0158	RT31016	IPR & PATENTS	19	28	2
15BJ1A0158	RT31017	GEOTECHNICAL ENGINEERING LAB	17	40	2
15BJ1A0158	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
15BJ1A0159	RT31011	GEOTECHNICAL ENGINEERING-I	22	9	0
15BJ1A0159	RT31012	STRUCTURAL ANALYSIS-II	27	29	3
15BJ1A0159	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	4	0
15BJ1A0159	RT31014	ENGINEERING GEOLOGY	18	27	3
15BJ1A0159	RT31015	TRANSPORTATION ENGINEERING-I	19	33	3
15BJ1A0159	RT31016	IPR & PATENTS	22	31	2
15BJ1A0159	RT31017	GEOTECHNICAL ENGINEERING LAB	20	41	2
15BJ1A0159	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
15BJ1A0160	RT31011	GEOTECHNICAL ENGINEERING-I	24	11	0
15BJ1A0160	RT31012	STRUCTURAL ANALYSIS-II	22	58	3
15BJ1A0160	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	39	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0160	RT31014	ENGINEERING GEOLOGY	25	29	3
15BJ1A0160	RT31015	TRANSPORTATION ENGINEERING-I	25	29	3
15BJ1A0160	RT31016	IPR & PATENTS	24	37	2
15BJ1A0160	RT31017	GEOTECHNICAL ENGINEERING LAB	24	47	2
15BJ1A0160	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
15BJ1A0161	RT31011	GEOTECHNICAL ENGINEERING-I	22	16	0
15BJ1A0161	RT31012	STRUCTURAL ANALYSIS-II	24	16	0
15BJ1A0161	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	48	3
15BJ1A0161	RT31014	ENGINEERING GEOLOGY	25	36	3
15BJ1A0161	RT31015	TRANSPORTATION ENGINEERING-I	24	25	3
15BJ1A0161	RT31016	IPR & PATENTS	25	40	2
15BJ1A0161	RT31017	GEOTECHNICAL ENGINEERING LAB	22	49	2
15BJ1A0161	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
15BJ1A0162	RT31011	GEOTECHNICAL ENGINEERING-I	19	41	3
15BJ1A0162	RT31012	STRUCTURAL ANALYSIS-II	21	46	3
15BJ1A0162	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	31	3
15BJ1A0162	RT31014	ENGINEERING GEOLOGY	21	30	3
15BJ1A0162	RT31015	TRANSPORTATION ENGINEERING-I	17	27	3
15BJ1A0162	RT31016	IPR & PATENTS	27	34	2
15BJ1A0162	RT31017	GEOTECHNICAL ENGINEERING LAB	21	43	2
15BJ1A0162	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
15BJ1A0163	RT31011	GEOTECHNICAL ENGINEERING-I	22	24	3
15BJ1A0163	RT31012	STRUCTURAL ANALYSIS-II	24	45	3
15BJ1A0163	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	40	3
15BJ1A0163	RT31014	ENGINEERING GEOLOGY	21	34	3
15BJ1A0163	RT31015	TRANSPORTATION ENGINEERING-I	24	49	3
15BJ1A0163	RT31016	IPR & PATENTS	25	46	2
15BJ1A0163	RT31017	GEOTECHNICAL ENGINEERING LAB	25	50	2
15BJ1A0163	RT31018	ENGINEERING GEOLOGY LAB	24	50	2
15BJ1A0164	RT31011	GEOTECHNICAL ENGINEERING-I	18	11	0
15BJ1A0164	RT31012	STRUCTURAL ANALYSIS-II	24	42	3
15BJ1A0164	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	34	3
15BJ1A0164	RT31014	ENGINEERING GEOLOGY	22	26	3
15BJ1A0164	RT31015	TRANSPORTATION ENGINEERING-I	20	26	3
15BJ1A0164	RT31016	IPR & PATENTS	27	26	2
15BJ1A0164	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
15BJ1A0164	RT31018	ENGINEERING GEOLOGY LAB	20	45	2
15BJ1A0166	RT31011	GEOTECHNICAL ENGINEERING-I	21	13	0
15BJ1A0166	RT31012	STRUCTURAL ANALYSIS-II	23	43	3
15BJ1A0166	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	33	3
15BJ1A0166	RT31014	ENGINEERING GEOLOGY	22	35	3
15BJ1A0166	RT31015	TRANSPORTATION ENGINEERING-I	20	37	3
15BJ1A0166	RT31016	IPR & PATENTS	27	43	2
15BJ1A0166	RT31017	GEOTECHNICAL ENGINEERING LAB	21	44	2
15BJ1A0166	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
15BJ1A0167	RT31011	GEOTECHNICAL ENGINEERING-I	25	48	3
15BJ1A0167	RT31012	STRUCTURAL ANALYSIS-II	24	52	3
15BJ1A0167	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	44	3
15BJ1A0167	RT31014	ENGINEERING GEOLOGY	20	12	0
15BJ1A0167	RT31015	TRANSPORTATION ENGINEERING-I	28	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0167	RT31016	IPR & PATENTS	26	34	2
15BJ1A0167	RT31017	GEOTECHNICAL ENGINEERING LAB	24	50	2
15BJ1A0167	RT31018	ENGINEERING GEOLOGY LAB	24	50	2
15BJ1A0168	RT31011	GEOTECHNICAL ENGINEERING-I	0	0	0
15BJ1A0168	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15BJ1A0168	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15BJ1A0168	RT31014	ENGINEERING GEOLOGY	0	6	0
15BJ1A0168	RT31015	TRANSPORTATION ENGINEERING-I	0	9	0
15BJ1A0168	RT31016	IPR & PATENTS	0	28	0
15BJ1A0168	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15BJ1A0168	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15BJ1A0169	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
15BJ1A0169	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15BJ1A0169	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15BJ1A0169	RT31014	ENGINEERING GEOLOGY	0	-1	0
15BJ1A0169	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
15BJ1A0169	RT31016	IPR & PATENTS	0	-1	0
15BJ1A0169	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15BJ1A0169	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15BJ1A0172	RT31011	GEOTECHNICAL ENGINEERING-I	19	24	3
15BJ1A0172	RT31012	STRUCTURAL ANALYSIS-II	20	28	3
15BJ1A0172	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	34	3
15BJ1A0172	RT31014	ENGINEERING GEOLOGY	21	42	3
15BJ1A0172	RT31015	TRANSPORTATION ENGINEERING-I	24	43	3
15BJ1A0172	RT31016	IPR & PATENTS	25	49	2
15BJ1A0172	RT31017	GEOTECHNICAL ENGINEERING LAB	21	45	2
15BJ1A0172	RT31018	ENGINEERING GEOLOGY LAB	19	45	2
15BJ1A0173	RT31011	GEOTECHNICAL ENGINEERING-I	14	32	3
15BJ1A0173	RT31012	STRUCTURAL ANALYSIS-II	19	14	0
15BJ1A0173	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	18	0
15BJ1A0173	RT31014	ENGINEERING GEOLOGY	16	7	0
15BJ1A0173	RT31015	TRANSPORTATION ENGINEERING-I	15	16	0
15BJ1A0173	RT31016	IPR & PATENTS	18	28	2
15BJ1A0173	RT31017	GEOTECHNICAL ENGINEERING LAB	20	44	2
15BJ1A0173	RT31018	ENGINEERING GEOLOGY LAB	16	42	2
15BJ1A0174	RT31011	GEOTECHNICAL ENGINEERING-I	16	6	0
15BJ1A0174	RT31012	STRUCTURAL ANALYSIS-II	21	24	3
15BJ1A0174	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	24	3
15BJ1A0174	RT31014	ENGINEERING GEOLOGY	19	29	3
15BJ1A0174	RT31015	TRANSPORTATION ENGINEERING-I	20	24	3
15BJ1A0174	RT31016	IPR & PATENTS	21	39	2
15BJ1A0174	RT31017	GEOTECHNICAL ENGINEERING LAB	17	39	2
15BJ1A0174	RT31018	ENGINEERING GEOLOGY LAB	18	42	2
15BJ1A0175	RT31011	GEOTECHNICAL ENGINEERING-I	14	7	0
15BJ1A0175	RT31012	STRUCTURAL ANALYSIS-II	23	19	0
15BJ1A0175	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	11	0
15BJ1A0175	RT31014	ENGINEERING GEOLOGY	20	16	0
15BJ1A0175	RT31015	TRANSPORTATION ENGINEERING-I	22	0	0
15BJ1A0175	RT31016	IPR & PATENTS	23	0	0
15BJ1A0175	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0175	RT31018	ENGINEERING GEOLOGY LAB	19	43	2
15BJ1A0176	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
15BJ1A0176	RT31012	STRUCTURAL ANALYSIS-II	20	24	3
15BJ1A0176	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	38	3
15BJ1A0176	RT31014	ENGINEERING GEOLOGY	16	18	0
15BJ1A0176	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
15BJ1A0176	RT31016	IPR & PATENTS	25	27	2
15BJ1A0176	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
15BJ1A0176	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
15BJ1A0177	RT31011	GEOTECHNICAL ENGINEERING-I	18	25	3
15BJ1A0177	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
15BJ1A0177	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	31	3
15BJ1A0177	RT31014	ENGINEERING GEOLOGY	21	4	0
15BJ1A0177	RT31015	TRANSPORTATION ENGINEERING-I	18	18	0
15BJ1A0177	RT31016	IPR & PATENTS	25	32	2
15BJ1A0177	RT31017	GEOTECHNICAL ENGINEERING LAB	21	44	2
15BJ1A0177	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
15BJ1A0178	RT31011	GEOTECHNICAL ENGINEERING-I	14	0	0
15BJ1A0178	RT31012	STRUCTURAL ANALYSIS-II	23	25	3
15BJ1A0178	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	29	3
15BJ1A0178	RT31014	ENGINEERING GEOLOGY	16	24	3
15BJ1A0178	RT31015	TRANSPORTATION ENGINEERING-I	15	14	0
15BJ1A0178	RT31016	IPR & PATENTS	21	39	2
15BJ1A0178	RT31017	GEOTECHNICAL ENGINEERING LAB	20	45	2
15BJ1A0178	RT31018	ENGINEERING GEOLOGY LAB	16	40	2
15BJ1A0179	RT31011	GEOTECHNICAL ENGINEERING-I	17	15	0
15BJ1A0179	RT31012	STRUCTURAL ANALYSIS-II	23	14	0
15BJ1A0179	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	34	3
15BJ1A0179	RT31014	ENGINEERING GEOLOGY	21	28	3
15BJ1A0179	RT31015	TRANSPORTATION ENGINEERING-I	22	30	3
15BJ1A0179	RT31016	IPR & PATENTS	24	26	2
15BJ1A0179	RT31017	GEOTECHNICAL ENGINEERING LAB	20	44	2
15BJ1A0179	RT31018	ENGINEERING GEOLOGY LAB	17	42	2
15BJ1A0181	RT31011	GEOTECHNICAL ENGINEERING-I	18	24	3
15BJ1A0181	RT31012	STRUCTURAL ANALYSIS-II	19	32	3
15BJ1A0181	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	48	3
15BJ1A0181	RT31014	ENGINEERING GEOLOGY	17	24	3
15BJ1A0181	RT31015	TRANSPORTATION ENGINEERING-I	24	16	0
15BJ1A0181	RT31016	IPR & PATENTS	22	35	2
15BJ1A0181	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
15BJ1A0181	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
15BJ1A0183	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
15BJ1A0183	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15BJ1A0183	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15BJ1A0183	RT31014	ENGINEERING GEOLOGY	0	-1	0
15BJ1A0183	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
15BJ1A0183	RT31016	IPR & PATENTS	0	-1	0
15BJ1A0183	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15BJ1A0183	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15BJ1A0184	RT31011	GEOTECHNICAL ENGINEERING-I	21	6	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0184	RT31012	STRUCTURAL ANALYSIS-II	22	38	3
15BJ1A0184	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	14	0
15BJ1A0184	RT31014	ENGINEERING GEOLOGY	16	26	3
15BJ1A0184	RT31015	TRANSPORTATION ENGINEERING-I	21	2	0
15BJ1A0184	RT31016	IPR & PATENTS	20	14	0
15BJ1A0184	RT31017	GEOTECHNICAL ENGINEERING LAB	20	41	2
15BJ1A0184	RT31018	ENGINEERING GEOLOGY LAB	22	43	2
15BJ1A0185	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
15BJ1A0185	RT31012	STRUCTURAL ANALYSIS-II	18	16	0
15BJ1A0185	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	20	0
15BJ1A0185	RT31014	ENGINEERING GEOLOGY	15	26	3
15BJ1A0185	RT31015	TRANSPORTATION ENGINEERING-I	7	3	0
15BJ1A0185	RT31016	IPR & PATENTS	25	11	0
15BJ1A0185	RT31017	GEOTECHNICAL ENGINEERING LAB	19	39	2
15BJ1A0185	RT31018	ENGINEERING GEOLOGY LAB	16	41	2
15BJ1A0188	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
15BJ1A0188	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15BJ1A0188	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15BJ1A0188	RT31014	ENGINEERING GEOLOGY	0	-1	0
15BJ1A0188	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
15BJ1A0188	RT31016	IPR & PATENTS	0	-1	0
15BJ1A0188	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15BJ1A0188	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15BJ1A0201	RT31016	IPR & PATENTS	26	35	2
15BJ1A0201	RT31021	ELECTRICAL MEASUREMENTS	25	27	3
15BJ1A0201	RT31022	MEFA	25	59	3
15BJ1A0201	RT31023	POWER SYSTEMS-II	30	45	3
15BJ1A0201	RT31024	ELECTRICAL MACHINES-III	28	46	3
15BJ1A0201	RT31025	POWER ELECTRONICS	29	13	0
15BJ1A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	24	3
15BJ1A0201	RT31027	ELECTRICAL MACHINES-II LAB	23	49	2
15BJ1A0201	RT31028	CONTROL SYSTEMS LAB	23	49	2
15BJ1A0203	RT31016	IPR & PATENTS	27	46	2
15BJ1A0203	RT31021	ELECTRICAL MEASUREMENTS	24	53	3
15BJ1A0203	RT31022	MEFA	26	37	3
15BJ1A0203	RT31023	POWER SYSTEMS-II	29	29	3
15BJ1A0203	RT31024	ELECTRICAL MACHINES-III	27	24	3
15BJ1A0203	RT31025	POWER ELECTRONICS	30	5	0
15BJ1A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	30	34	3
15BJ1A0203	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
15BJ1A0203	RT31028	CONTROL SYSTEMS LAB	24	50	2
15BJ1A0204	RT31016	IPR & PATENTS	27	50	2
15BJ1A0204	RT31021	ELECTRICAL MEASUREMENTS	30	45	3
15BJ1A0204	RT31022	MEFA	28	53	3
15BJ1A0204	RT31023	POWER SYSTEMS-II	29	51	3
15BJ1A0204	RT31024	ELECTRICAL MACHINES-III	30	24	3
15BJ1A0204	RT31025	POWER ELECTRONICS	30	59	3
15BJ1A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	33	3
15BJ1A0204	RT31027	ELECTRICAL MACHINES-II LAB	25	50	2
15BJ1A0204	RT31028	CONTROL SYSTEMS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0205	RT31016	IPR & PATENTS	25	17	0
15BJ1A0205	RT31021	ELECTRICAL MEASUREMENTS	16	14	0
15BJ1A0205	RT31022	MEFA	29	44	3
15BJ1A0205	RT31023	POWER SYSTEMS-II	15	10	0
15BJ1A0205	RT31024	ELECTRICAL MACHINES-III	23	12	0
15BJ1A0205	RT31025	POWER ELECTRONICS	17	15	0
15BJ1A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	14	0
15BJ1A0205	RT31027	ELECTRICAL MACHINES-II LAB	19	40	2
15BJ1A0205	RT31028	CONTROL SYSTEMS LAB	19	41	2
15BJ1A0206	RT31016	IPR & PATENTS	21	27	2
15BJ1A0206	RT31021	ELECTRICAL MEASUREMENTS	17	25	3
15BJ1A0206	RT31022	MEFA	22	24	3
15BJ1A0206	RT31023	POWER SYSTEMS-II	23	30	3
15BJ1A0206	RT31024	ELECTRICAL MACHINES-III	20	12	0
15BJ1A0206	RT31025	POWER ELECTRONICS	24	8	0
15BJ1A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	4	9	0
15BJ1A0206	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
15BJ1A0206	RT31028	CONTROL SYSTEMS LAB	20	40	2
15BJ1A0207	RT31016	IPR & PATENTS	21	42	2
15BJ1A0207	RT31021	ELECTRICAL MEASUREMENTS	22	45	3
15BJ1A0207	RT31022	MEFA	26	41	3
15BJ1A0207	RT31023	POWER SYSTEMS-II	22	26	3
15BJ1A0207	RT31024	ELECTRICAL MACHINES-III	27	11	0
15BJ1A0207	RT31025	POWER ELECTRONICS	27	11	0
15BJ1A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	24	3
15BJ1A0207	RT31027	ELECTRICAL MACHINES-II LAB	21	41	2
15BJ1A0207	RT31028	CONTROL SYSTEMS LAB	22	42	2
15BJ1A0208	RT31016	IPR & PATENTS	25	32	2
15BJ1A0208	RT31021	ELECTRICAL MEASUREMENTS	23	28	3
15BJ1A0208	RT31022	MEFA	26	24	3
15BJ1A0208	RT31023	POWER SYSTEMS-II	20	30	3
15BJ1A0208	RT31024	ELECTRICAL MACHINES-III	23	3	0
15BJ1A0208	RT31025	POWER ELECTRONICS	23	29	3
15BJ1A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	8	0
15BJ1A0208	RT31027	ELECTRICAL MACHINES-II LAB	18	40	2
15BJ1A0208	RT31028	CONTROL SYSTEMS LAB	19	39	2
15BJ1A0209	RT31016	IPR & PATENTS	28	38	2
15BJ1A0209	RT31021	ELECTRICAL MEASUREMENTS	25	30	3
15BJ1A0209	RT31022	MEFA	29	56	3
15BJ1A0209	RT31023	POWER SYSTEMS-II	27	33	3
15BJ1A0209	RT31024	ELECTRICAL MACHINES-III	26	50	3
15BJ1A0209	RT31025	POWER ELECTRONICS	29	37	3
15BJ1A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	24	3
15BJ1A0209	RT31027	ELECTRICAL MACHINES-II LAB	23	50	2
15BJ1A0209	RT31028	CONTROL SYSTEMS LAB	22	49	2
15BJ1A0212	RT31016	IPR & PATENTS	27	32	2
15BJ1A0212	RT31021	ELECTRICAL MEASUREMENTS	25	9	0
15BJ1A0212	RT31022	MEFA	27	52	3
15BJ1A0212	RT31023	POWER SYSTEMS-II	28	29	3
15BJ1A0212	RT31024	ELECTRICAL MACHINES-III	26	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0212	RT31025	POWER ELECTRONICS	25	10	0
15BJ1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	17	0
15BJ1A0212	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
15BJ1A0212	RT31028	CONTROL SYSTEMS LAB	21	44	2
15BJ1A0213	RT31016	IPR & PATENTS	19	39	2
15BJ1A0213	RT31021	ELECTRICAL MEASUREMENTS	10	0	0
15BJ1A0213	RT31022	MEFA	8	35	3
15BJ1A0213	RT31023	POWER SYSTEMS-II	4	0	0
15BJ1A0213	RT31024	ELECTRICAL MACHINES-III	8	0	0
15BJ1A0213	RT31025	POWER ELECTRONICS	18	0	0
15BJ1A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	4	8	0
15BJ1A0213	RT31027	ELECTRICAL MACHINES-II LAB	18	35	2
15BJ1A0213	RT31028	CONTROL SYSTEMS LAB	20	34	2
15BJ1A0215	RT31016	IPR & PATENTS	21	26	2
15BJ1A0215	RT31021	ELECTRICAL MEASUREMENTS	9	14	0
15BJ1A0215	RT31022	MEFA	23	9	0
15BJ1A0215	RT31023	POWER SYSTEMS-II	22	19	0
15BJ1A0215	RT31024	ELECTRICAL MACHINES-III	21	6	0
15BJ1A0215	RT31025	POWER ELECTRONICS	20	15	0
15BJ1A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	0	0
15BJ1A0215	RT31027	ELECTRICAL MACHINES-II LAB	19	39	2
15BJ1A0215	RT31028	CONTROL SYSTEMS LAB	20	38	2
15BJ1A0216	RT31016	IPR & PATENTS	26	30	2
15BJ1A0216	RT31021	ELECTRICAL MEASUREMENTS	20	33	3
15BJ1A0216	RT31022	MEFA	27	47	3
15BJ1A0216	RT31023	POWER SYSTEMS-II	29	32	3
15BJ1A0216	RT31024	ELECTRICAL MACHINES-III	26	27	3
15BJ1A0216	RT31025	POWER ELECTRONICS	28	24	3
15BJ1A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	29	14	0
15BJ1A0216	RT31027	ELECTRICAL MACHINES-II LAB	23	48	2
15BJ1A0216	RT31028	CONTROL SYSTEMS LAB	23	49	2
15BJ1A0218	RT31016	IPR & PATENTS	29	27	2
15BJ1A0218	RT31021	ELECTRICAL MEASUREMENTS	23	9	0
15BJ1A0218	RT31022	MEFA	25	41	3
15BJ1A0218	RT31023	POWER SYSTEMS-II	27	42	3
15BJ1A0218	RT31024	ELECTRICAL MACHINES-III	25	0	0
15BJ1A0218	RT31025	POWER ELECTRONICS	21	11	0
15BJ1A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	36	3
15BJ1A0218	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
15BJ1A0218	RT31028	CONTROL SYSTEMS LAB	19	40	2
15BJ1A0221	RT31016	IPR & PATENTS	21	40	2
15BJ1A0221	RT31021	ELECTRICAL MEASUREMENTS	15	27	3
15BJ1A0221	RT31022	MEFA	23	39	3
15BJ1A0221	RT31023	POWER SYSTEMS-II	18	28	3
15BJ1A0221	RT31024	ELECTRICAL MACHINES-III	25	12	0
15BJ1A0221	RT31025	POWER ELECTRONICS	27	5	0
15BJ1A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	24	3
15BJ1A0221	RT31027	ELECTRICAL MACHINES-II LAB	20	42	2
15BJ1A0221	RT31028	CONTROL SYSTEMS LAB	19	41	2
15BJ1A0301	RT31016	IPR & PATENTS	23	10	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0301	RT31031	DYNAMICS OF MACHINERY	22	24	3
15BJ1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	19	28	3
15BJ1A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	16	6	0
15BJ1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	25	3
15BJ1A0301	RT31035	THERMAL ENGINEERING-II	21	0	0
15BJ1A0301	RT31036	METROLOGY	22	14	0
15BJ1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
15BJ1A0301	RT31038	MACHINE TOOLS LAB	19	38	2
15BJ1A0305	RT31016	IPR & PATENTS	20	16	0
15BJ1A0305	RT31031	DYNAMICS OF MACHINERY	12	22	0
15BJ1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	15	9	0
15BJ1A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	11	2	0
15BJ1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	28	3
15BJ1A0305	RT31035	THERMAL ENGINEERING-II	20	19	0
15BJ1A0305	RT31036	METROLOGY	16	10	0
15BJ1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	10	36	2
15BJ1A0305	RT31038	MACHINE TOOLS LAB	14	39	2
15BJ1A0308	RT31016	IPR & PATENTS	23	35	2
15BJ1A0308	RT31031	DYNAMICS OF MACHINERY	15	25	3
15BJ1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	20	38	3
15BJ1A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	12	6	0
15BJ1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	16	0
15BJ1A0308	RT31035	THERMAL ENGINEERING-II	24	24	3
15BJ1A0308	RT31036	METROLOGY	19	28	3
15BJ1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	20	37	2
15BJ1A0308	RT31038	MACHINE TOOLS LAB	19	48	2
15BJ1A0309	RT31016	IPR & PATENTS	23	39	2
15BJ1A0309	RT31031	DYNAMICS OF MACHINERY	22	17	0
15BJ1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	22	46	3
15BJ1A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	25	7	0
15BJ1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	24	3
15BJ1A0309	RT31035	THERMAL ENGINEERING-II	23	38	3
15BJ1A0309	RT31036	METROLOGY	18	33	3
15BJ1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
15BJ1A0309	RT31038	MACHINE TOOLS LAB	23	43	2
15BJ1A0310	RT31016	IPR & PATENTS	21	24	2
15BJ1A0310	RT31031	DYNAMICS OF MACHINERY	21	38	3
15BJ1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
15BJ1A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	25	24	3
15BJ1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	36	3
15BJ1A0310	RT31035	THERMAL ENGINEERING-II	24	8	0
15BJ1A0310	RT31036	METROLOGY	18	36	3
15BJ1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0310	RT31038	MACHINE TOOLS LAB	20	40	2
15BJ1A0311	RT31016	IPR & PATENTS	24	24	2
15BJ1A0311	RT31031	DYNAMICS OF MACHINERY	21	31	3
15BJ1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	27	36	3
15BJ1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	25	35	3
15BJ1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	40	3
15BJ1A0311	RT31035	THERMAL ENGINEERING-II	30	40	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0311	RT31036	METROLOGY	23	24	3
15BJ1A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	24	46	2
15BJ1A0311	RT31038	MACHINE TOOLS LAB	23	48	2
15BJ1A0313	RT31016	IPR & PATENTS	20	24	2
15BJ1A0313	RT31031	DYNAMICS OF MACHINERY	22	0	0
15BJ1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	19	32	3
15BJ1A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	23	3	0
15BJ1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	5	0
15BJ1A0313	RT31035	THERMAL ENGINEERING-II	20	24	3
15BJ1A0313	RT31036	METROLOGY	18	19	0
15BJ1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	22	41	2
15BJ1A0313	RT31038	MACHINE TOOLS LAB	23	41	2
15BJ1A0314	RT31016	IPR & PATENTS	22	26	2
15BJ1A0314	RT31031	DYNAMICS OF MACHINERY	17	0	0
15BJ1A0314	RT31032	METAL CUTTING & MACHINE TOOLS	14	9	0
15BJ1A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	17	0	0
15BJ1A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	0	0
15BJ1A0314	RT31035	THERMAL ENGINEERING-II	8	9	0
15BJ1A0314	RT31036	METROLOGY	18	11	0
15BJ1A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0314	RT31038	MACHINE TOOLS LAB	20	40	2
15BJ1A0316	RT31016	IPR & PATENTS	23	16	0
15BJ1A0316	RT31031	DYNAMICS OF MACHINERY	17	10	0
15BJ1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	20	28	3
15BJ1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	12	5	0
15BJ1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	10	0
15BJ1A0316	RT31035	THERMAL ENGINEERING-II	22	0	0
15BJ1A0316	RT31036	METROLOGY	18	3	0
15BJ1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	19	39	2
15BJ1A0316	RT31038	MACHINE TOOLS LAB	20	38	2
15BJ1A0318	RT31016	IPR & PATENTS	24	24	2
15BJ1A0318	RT31031	DYNAMICS OF MACHINERY	26	31	3
15BJ1A0318	RT31032	METAL CUTTING & MACHINE TOOLS	23	11	0
15BJ1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	17	24	3
15BJ1A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	42	3
15BJ1A0318	RT31035	THERMAL ENGINEERING-II	26	33	3
15BJ1A0318	RT31036	METROLOGY	21	24	3
15BJ1A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
15BJ1A0318	RT31038	MACHINE TOOLS LAB	24	31	2
15BJ1A0320	RT31016	IPR & PATENTS	19	25	2
15BJ1A0320	RT31031	DYNAMICS OF MACHINERY	16	0	0
15BJ1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	16	13	0
15BJ1A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	20	2	0
15BJ1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	8	4	0
15BJ1A0320	RT31035	THERMAL ENGINEERING-II	15	9	0
15BJ1A0320	RT31036	METROLOGY	17	3	0
15BJ1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	18	39	2
15BJ1A0320	RT31038	MACHINE TOOLS LAB	19	39	2
15BJ1A0321	RT31016	IPR & PATENTS	20	32	2
15BJ1A0321	RT31031	DYNAMICS OF MACHINERY	21	32	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	19	35	3
15BJ1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	16	7	0
15BJ1A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	39	3
15BJ1A0321	RT31035	THERMAL ENGINEERING-II	19	38	3
15BJ1A0321	RT31036	METROLOGY	17	45	3
15BJ1A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	20	30	2
15BJ1A0321	RT31038	MACHINE TOOLS LAB	20	40	2
15BJ1A0322	RT31016	IPR & PATENTS	20	25	2
15BJ1A0322	RT31031	DYNAMICS OF MACHINERY	22	44	3
15BJ1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	25	28	3
15BJ1A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	24	17	0
15BJ1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	27	3
15BJ1A0322	RT31035	THERMAL ENGINEERING-II	25	-1	0
15BJ1A0322	RT31036	METROLOGY	24	28	3
15BJ1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	24	46	2
15BJ1A0322	RT31038	MACHINE TOOLS LAB	23	46	2
15BJ1A0324	RT31016	IPR & PATENTS	26	14	0
15BJ1A0324	RT31031	DYNAMICS OF MACHINERY	23	30	3
15BJ1A0324	RT31032	METAL CUTTING & MACHINE TOOLS	25	0	0
15BJ1A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	26	30	3
15BJ1A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	44	3
15BJ1A0324	RT31035	THERMAL ENGINEERING-II	25	45	3
15BJ1A0324	RT31036	METROLOGY	23	40	3
15BJ1A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
15BJ1A0324	RT31038	MACHINE TOOLS LAB	23	40	2
15BJ1A0325	RT31016	IPR & PATENTS	25	28	2
15BJ1A0325	RT31031	DYNAMICS OF MACHINERY	21	0	0
15BJ1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	16	32	3
15BJ1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	24	3	0
15BJ1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	30	3
15BJ1A0325	RT31035	THERMAL ENGINEERING-II	19	11	0
15BJ1A0325	RT31036	METROLOGY	23	24	3
15BJ1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	19	39	2
15BJ1A0325	RT31038	MACHINE TOOLS LAB	22	39	2
15BJ1A0328	RT31016	IPR & PATENTS	26	26	2
15BJ1A0328	RT31031	DYNAMICS OF MACHINERY	19	0	0
15BJ1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	24	27	3
15BJ1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	18	0	0
15BJ1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	12	0
15BJ1A0328	RT31035	THERMAL ENGINEERING-II	22	24	3
15BJ1A0328	RT31036	METROLOGY	20	43	3
15BJ1A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
15BJ1A0328	RT31038	MACHINE TOOLS LAB	19	39	2
15BJ1A0330	RT31016	IPR & PATENTS	23	24	2
15BJ1A0330	RT31031	DYNAMICS OF MACHINERY	21	32	3
15BJ1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	23	25	3
15BJ1A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	23	16	0
15BJ1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	13	0
15BJ1A0330	RT31035	THERMAL ENGINEERING-II	22	7	0
15BJ1A0330	RT31036	METROLOGY	18	14	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0330	RT31038	MACHINE TOOLS LAB	22	41	2
15BJ1A0331	RT31016	IPR & PATENTS	21	10	0
15BJ1A0331	RT31031	DYNAMICS OF MACHINERY	19	24	3
15BJ1A0331	RT31032	METAL CUTTING & MACHINE TOOLS	20	3	0
15BJ1A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	21	3	0
15BJ1A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	28	3
15BJ1A0331	RT31035	THERMAL ENGINEERING-II	21	24	3
15BJ1A0331	RT31036	METROLOGY	17	7	0
15BJ1A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
15BJ1A0331	RT31038	MACHINE TOOLS LAB	20	41	2
15BJ1A0332	RT31016	IPR & PATENTS	23	29	2
15BJ1A0332	RT31031	DYNAMICS OF MACHINERY	15	0	0
15BJ1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	22	27	3
15BJ1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	22	2	0
15BJ1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	37	3
15BJ1A0332	RT31035	THERMAL ENGINEERING-II	18	24	3
15BJ1A0332	RT31036	METROLOGY	19	14	0
15BJ1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	23	39	2
15BJ1A0332	RT31038	MACHINE TOOLS LAB	21	40	2
15BJ1A0333	RT31016	IPR & PATENTS	15	19	0
15BJ1A0333	RT31031	DYNAMICS OF MACHINERY	16	0	0
15BJ1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	18	5	0
15BJ1A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	14	6	0
15BJ1A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	5	0
15BJ1A0333	RT31035	THERMAL ENGINEERING-II	20	12	0
15BJ1A0333	RT31036	METROLOGY	15	4	0
15BJ1A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
15BJ1A0333	RT31038	MACHINE TOOLS LAB	20	39	2
15BJ1A0334	RT31016	IPR & PATENTS	24	15	0
15BJ1A0334	RT31031	DYNAMICS OF MACHINERY	20	31	3
15BJ1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	24	24	3
15BJ1A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	16	6	0
15BJ1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	29	3
15BJ1A0334	RT31035	THERMAL ENGINEERING-II	21	0	0
15BJ1A0334	RT31036	METROLOGY	22	16	0
15BJ1A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
15BJ1A0334	RT31038	MACHINE TOOLS LAB	22	39	2
15BJ1A0335	RT31016	IPR & PATENTS	23	26	2
15BJ1A0335	RT31031	DYNAMICS OF MACHINERY	17	45	3
15BJ1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	19	6	0
15BJ1A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	23	0	0
15BJ1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	39	3
15BJ1A0335	RT31035	THERMAL ENGINEERING-II	24	41	3
15BJ1A0335	RT31036	METROLOGY	19	25	3
15BJ1A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0335	RT31038	MACHINE TOOLS LAB	23	40	2
15BJ1A0336	RT31016	IPR & PATENTS	25	35	2
15BJ1A0336	RT31031	DYNAMICS OF MACHINERY	25	35	3
15BJ1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	27	34	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	25	35	3
15BJ1A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	45	3
15BJ1A0336	RT31035	THERMAL ENGINEERING-II	26	30	3
15BJ1A0336	RT31036	METROLOGY	23	37	3
15BJ1A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15BJ1A0336	RT31038	MACHINE TOOLS LAB	23	42	2
15BJ1A0337	RT31016	IPR & PATENTS	22	27	2
15BJ1A0337	RT31031	DYNAMICS OF MACHINERY	19	9	0
15BJ1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	19	34	3
15BJ1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	18	7	0
15BJ1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	24	3
15BJ1A0337	RT31035	THERMAL ENGINEERING-II	14	17	0
15BJ1A0337	RT31036	METROLOGY	18	7	0
15BJ1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	22	41	2
15BJ1A0337	RT31038	MACHINE TOOLS LAB	21	41	2
15BJ1A0343	RT31016	IPR & PATENTS	23	12	0
15BJ1A0343	RT31031	DYNAMICS OF MACHINERY	15	0	0
15BJ1A0343	RT31032	METAL CUTTING & MACHINE TOOLS	12	12	0
15BJ1A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	23	1	0
15BJ1A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	1	0
15BJ1A0343	RT31035	THERMAL ENGINEERING-II	14	0	0
15BJ1A0343	RT31036	METROLOGY	20	0	0
15BJ1A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
15BJ1A0343	RT31038	MACHINE TOOLS LAB	20	41	2
15BJ1A0345	RT31016	IPR & PATENTS	25	8	0
15BJ1A0345	RT31031	DYNAMICS OF MACHINERY	19	12	0
15BJ1A0345	RT31032	METAL CUTTING & MACHINE TOOLS	20	5	0
15BJ1A0345	RT31033	DESIGN OF MACHINE MEMBERS-I	12	13	0
15BJ1A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
15BJ1A0345	RT31035	THERMAL ENGINEERING-II	20	26	3
15BJ1A0345	RT31036	METROLOGY	19	14	0
15BJ1A0345	RT31037	METROLOGY & INSTRUMENTATION LAB	20	38	2
15BJ1A0345	RT31038	MACHINE TOOLS LAB	18	38	2
15BJ1A0346	RT31016	IPR & PATENTS	22	31	2
15BJ1A0346	RT31031	DYNAMICS OF MACHINERY	18	0	0
15BJ1A0346	RT31032	METAL CUTTING & MACHINE TOOLS	16	36	3
15BJ1A0346	RT31033	DESIGN OF MACHINE MEMBERS-I	22	7	0
15BJ1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	14	0
15BJ1A0346	RT31035	THERMAL ENGINEERING-II	18	24	3
15BJ1A0346	RT31036	METROLOGY	20	17	0
15BJ1A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0346	RT31038	MACHINE TOOLS LAB	21	40	2
15BJ1A0348	RT31016	IPR & PATENTS	22	31	2
15BJ1A0348	RT31031	DYNAMICS OF MACHINERY	15	0	0
15BJ1A0348	RT31032	METAL CUTTING & MACHINE TOOLS	18	9	0
15BJ1A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	21	0	0
15BJ1A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	31	3
15BJ1A0348	RT31035	THERMAL ENGINEERING-II	21	15	0
15BJ1A0348	RT31036	METROLOGY	20	9	0
15BJ1A0348	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0348	RT31038	MACHINE TOOLS LAB	19	40	2
15BJ1A0349	RT31016	IPR & PATENTS	23	14	0
15BJ1A0349	RT31031	DYNAMICS OF MACHINERY	13	50	3
15BJ1A0349	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
15BJ1A0349	RT31033	DESIGN OF MACHINE MEMBERS-I	18	10	0
15BJ1A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	2	0
15BJ1A0349	RT31035	THERMAL ENGINEERING-II	18	30	3
15BJ1A0349	RT31036	METROLOGY	19	7	0
15BJ1A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15BJ1A0349	RT31038	MACHINE TOOLS LAB	21	41	2
15BJ1A0350	RT31016	IPR & PATENTS	17	14	0
15BJ1A0350	RT31031	DYNAMICS OF MACHINERY	17	34	3
15BJ1A0350	RT31032	METAL CUTTING & MACHINE TOOLS	20	0	0
15BJ1A0350	RT31033	DESIGN OF MACHINE MEMBERS-I	20	3	0
15BJ1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	25	3
15BJ1A0350	RT31035	THERMAL ENGINEERING-II	15	25	3
15BJ1A0350	RT31036	METROLOGY	18	33	3
15BJ1A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
15BJ1A0350	RT31038	MACHINE TOOLS LAB	20	39	2
15BJ1A0351	RT31016	IPR & PATENTS	23	25	2
15BJ1A0351	RT31031	DYNAMICS OF MACHINERY	16	0	0
15BJ1A0351	RT31032	METAL CUTTING & MACHINE TOOLS	17	17	0
15BJ1A0351	RT31033	DESIGN OF MACHINE MEMBERS-I	15	0	0
15BJ1A0351	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	6	0	0
15BJ1A0351	RT31035	THERMAL ENGINEERING-II	15	7	0
15BJ1A0351	RT31036	METROLOGY	16	3	0
15BJ1A0351	RT31037	METROLOGY & INSTRUMENTATION LAB	20	37	2
15BJ1A0351	RT31038	MACHINE TOOLS LAB	21	39	2
15BJ1A0352	RT31016	IPR & PATENTS	17	33	2
15BJ1A0352	RT31031	DYNAMICS OF MACHINERY	15	12	0
15BJ1A0352	RT31032	METAL CUTTING & MACHINE TOOLS	15	26	3
15BJ1A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	22	10	0
15BJ1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	40	3
15BJ1A0352	RT31035	THERMAL ENGINEERING-II	12	8	0
15BJ1A0352	RT31036	METROLOGY	19	9	0
15BJ1A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
15BJ1A0352	RT31038	MACHINE TOOLS LAB	19	40	2
15BJ1A0353	RT31016	IPR & PATENTS	24	16	0
15BJ1A0353	RT31031	DYNAMICS OF MACHINERY	14	15	0
15BJ1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	15	18	0
15BJ1A0353	RT31033	DESIGN OF MACHINE MEMBERS-I	26	4	0
15BJ1A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	29	0
15BJ1A0353	RT31035	THERMAL ENGINEERING-II	19	6	0
15BJ1A0353	RT31036	METROLOGY	20	6	0
15BJ1A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0353	RT31038	MACHINE TOOLS LAB	19	41	2
15BJ1A0355	RT31016	IPR & PATENTS	20	15	0
15BJ1A0355	RT31031	DYNAMICS OF MACHINERY	15	30	3
15BJ1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	15	0	0
15BJ1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	20	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	30	3
15BJ1A0355	RT31035	THERMAL ENGINEERING-II	19	15	0
15BJ1A0355	RT31036	METROLOGY	20	25	3
15BJ1A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
15BJ1A0355	RT31038	MACHINE TOOLS LAB	22	43	2
15BJ1A0356	RT31016	IPR & PATENTS	25	38	2
15BJ1A0356	RT31031	DYNAMICS OF MACHINERY	21	36	3
15BJ1A0356	RT31032	METAL CUTTING & MACHINE TOOLS	20	46	3
15BJ1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	23	10	0
15BJ1A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	13	0
15BJ1A0356	RT31035	THERMAL ENGINEERING-II	25	24	3
15BJ1A0356	RT31036	METROLOGY	20	43	3
15BJ1A0356	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15BJ1A0356	RT31038	MACHINE TOOLS LAB	21	41	2
15BJ1A0358	RT31016	IPR & PATENTS	25	34	2
15BJ1A0358	RT31031	DYNAMICS OF MACHINERY	21	0	0
15BJ1A0358	RT31032	METAL CUTTING & MACHINE TOOLS	24	44	3
15BJ1A0358	RT31033	DESIGN OF MACHINE MEMBERS-I	23	0	0
15BJ1A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	42	3
15BJ1A0358	RT31035	THERMAL ENGINEERING-II	18	29	3
15BJ1A0358	RT31036	METROLOGY	17	29	3
15BJ1A0358	RT31037	METROLOGY & INSTRUMENTATION LAB	19	39	2
15BJ1A0358	RT31038	MACHINE TOOLS LAB	20	39	2
15BJ1A0359	RT31016	IPR & PATENTS	20	13	0
15BJ1A0359	RT31031	DYNAMICS OF MACHINERY	17	6	0
15BJ1A0359	RT31032	METAL CUTTING & MACHINE TOOLS	20	0	0
15BJ1A0359	RT31033	DESIGN OF MACHINE MEMBERS-I	21	2	0
15BJ1A0359	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	0	0
15BJ1A0359	RT31035	THERMAL ENGINEERING-II	16	0	0
15BJ1A0359	RT31036	METROLOGY	17	0	0
15BJ1A0359	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
15BJ1A0359	RT31038	MACHINE TOOLS LAB	19	38	2
15BJ1A0360	RT31016	IPR & PATENTS	17	14	0
15BJ1A0360	RT31031	DYNAMICS OF MACHINERY	14	6	0
15BJ1A0360	RT31032	METAL CUTTING & MACHINE TOOLS	16	0	0
15BJ1A0360	RT31033	DESIGN OF MACHINE MEMBERS-I	19	0	0
15BJ1A0360	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	7	33	3
15BJ1A0360	RT31035	THERMAL ENGINEERING-II	16	17	0
15BJ1A0360	RT31036	METROLOGY	15	27	3
15BJ1A0360	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
15BJ1A0360	RT31038	MACHINE TOOLS LAB	19	39	2
15BJ1A0362	RT31016	IPR & PATENTS	24	35	2
15BJ1A0362	RT31031	DYNAMICS OF MACHINERY	23	11	0
15BJ1A0362	RT31032	METAL CUTTING & MACHINE TOOLS	18	34	3
15BJ1A0362	RT31033	DESIGN OF MACHINE MEMBERS-I	18	15	0
15BJ1A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	12	0
15BJ1A0362	RT31035	THERMAL ENGINEERING-II	18	-1	0
15BJ1A0362	RT31036	METROLOGY	21	17	0
15BJ1A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	22	41	2
15BJ1A0362	RT31038	MACHINE TOOLS LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0363	RT31016	IPR & PATENTS	24	33	2
15BJ1A0363	RT31031	DYNAMICS OF MACHINERY	18	13	0
15BJ1A0363	RT31032	METAL CUTTING & MACHINE TOOLS	23	30	3
15BJ1A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	25	9	0
15BJ1A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	37	3
15BJ1A0363	RT31035	THERMAL ENGINEERING-II	19	14	0
15BJ1A0363	RT31036	METROLOGY	18	24	3
15BJ1A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15BJ1A0363	RT31038	MACHINE TOOLS LAB	20	41	2
15BJ1A0364	RT31016	IPR & PATENTS	20	16	0
15BJ1A0364	RT31031	DYNAMICS OF MACHINERY	17	24	3
15BJ1A0364	RT31032	METAL CUTTING & MACHINE TOOLS	21	29	3
15BJ1A0364	RT31033	DESIGN OF MACHINE MEMBERS-I	20	8	0
15BJ1A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	8	0
15BJ1A0364	RT31035	THERMAL ENGINEERING-II	18	0	0
15BJ1A0364	RT31036	METROLOGY	17	16	0
15BJ1A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0364	RT31038	MACHINE TOOLS LAB	20	41	2
15BJ1A0366	RT31016	IPR & PATENTS	22	12	0
15BJ1A0366	RT31031	DYNAMICS OF MACHINERY	19	24	3
15BJ1A0366	RT31032	METAL CUTTING & MACHINE TOOLS	17	2	0
15BJ1A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	17	2	0
15BJ1A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	38	3
15BJ1A0366	RT31035	THERMAL ENGINEERING-II	17	42	3
15BJ1A0366	RT31036	METROLOGY	19	13	0
15BJ1A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15BJ1A0366	RT31038	MACHINE TOOLS LAB	21	40	2
15BJ1A0367	RT31016	IPR & PATENTS	19	27	2
15BJ1A0367	RT31031	DYNAMICS OF MACHINERY	18	0	0
15BJ1A0367	RT31032	METAL CUTTING & MACHINE TOOLS	17	2	0
15BJ1A0367	RT31033	DESIGN OF MACHINE MEMBERS-I	9	0	0
15BJ1A0367	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	0	0
15BJ1A0367	RT31035	THERMAL ENGINEERING-II	17	0	0
15BJ1A0367	RT31036	METROLOGY	14	0	0
15BJ1A0367	RT31037	METROLOGY & INSTRUMENTATION LAB	19	40	2
15BJ1A0367	RT31038	MACHINE TOOLS LAB	17	38	2
15BJ1A0368	RT31016	IPR & PATENTS	21	34	2
15BJ1A0368	RT31031	DYNAMICS OF MACHINERY	22	29	3
15BJ1A0368	RT31032	METAL CUTTING & MACHINE TOOLS	22	45	3
15BJ1A0368	RT31033	DESIGN OF MACHINE MEMBERS-I	24	6	0
15BJ1A0368	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	38	3
15BJ1A0368	RT31035	THERMAL ENGINEERING-II	20	38	3
15BJ1A0368	RT31036	METROLOGY	20	29	3
15BJ1A0368	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15BJ1A0368	RT31038	MACHINE TOOLS LAB	22	40	2
15BJ1A0369	RT31016	IPR & PATENTS	21	16	0
15BJ1A0369	RT31031	DYNAMICS OF MACHINERY	15	18	0
15BJ1A0369	RT31032	METAL CUTTING & MACHINE TOOLS	18	27	3
15BJ1A0369	RT31033	DESIGN OF MACHINE MEMBERS-I	13	4	0
15BJ1A0369	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	14	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0369	RT31035	THERMAL ENGINEERING-II	16	0	0
15BJ1A0369	RT31036	METROLOGY	17	15	0
15BJ1A0369	RT31037	METROLOGY & INSTRUMENTATION LAB	18	38	2
15BJ1A0369	RT31038	MACHINE TOOLS LAB	20	38	2
15BJ1A0370	RT31016	IPR & PATENTS	19	11	0
15BJ1A0370	RT31031	DYNAMICS OF MACHINERY	21	30	3
15BJ1A0370	RT31032	METAL CUTTING & MACHINE TOOLS	22	0	0
15BJ1A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	24	5	0
15BJ1A0370	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	34	3
15BJ1A0370	RT31035	THERMAL ENGINEERING-II	20	32	3
15BJ1A0370	RT31036	METROLOGY	18	29	3
15BJ1A0370	RT31037	METROLOGY & INSTRUMENTATION LAB	19	39	2
15BJ1A0370	RT31038	MACHINE TOOLS LAB	19	38	2
15BJ1A0371	RT31016	IPR & PATENTS	26	5	0
15BJ1A0371	RT31031	DYNAMICS OF MACHINERY	19	0	0
15BJ1A0371	RT31032	METAL CUTTING & MACHINE TOOLS	20	8	0
15BJ1A0371	RT31033	DESIGN OF MACHINE MEMBERS-I	23	0	0
15BJ1A0371	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	5	0
15BJ1A0371	RT31035	THERMAL ENGINEERING-II	20	12	0
15BJ1A0371	RT31036	METROLOGY	16	3	0
15BJ1A0371	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15BJ1A0371	RT31038	MACHINE TOOLS LAB	22	41	2
15BJ1A0373	RT31016	IPR & PATENTS	23	26	2
15BJ1A0373	RT31031	DYNAMICS OF MACHINERY	19	0	0
15BJ1A0373	RT31032	METAL CUTTING & MACHINE TOOLS	19	4	0
15BJ1A0373	RT31033	DESIGN OF MACHINE MEMBERS-I	20	0	0
15BJ1A0373	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	19	0
15BJ1A0373	RT31035	THERMAL ENGINEERING-II	15	12	0
15BJ1A0373	RT31036	METROLOGY	16	2	0
15BJ1A0373	RT31037	METROLOGY & INSTRUMENTATION LAB	18	39	2
15BJ1A0373	RT31038	MACHINE TOOLS LAB	18	38	2
15BJ1A0374	RT31016	IPR & PATENTS	21	16	0
15BJ1A0374	RT31031	DYNAMICS OF MACHINERY	22	12	0
15BJ1A0374	RT31032	METAL CUTTING & MACHINE TOOLS	20	35	3
15BJ1A0374	RT31033	DESIGN OF MACHINE MEMBERS-I	19	3	0
15BJ1A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	25	3
15BJ1A0374	RT31035	THERMAL ENGINEERING-II	17	8	0
15BJ1A0374	RT31036	METROLOGY	23	16	0
15BJ1A0374	RT31037	METROLOGY & INSTRUMENTATION LAB	19	39	2
15BJ1A0374	RT31038	MACHINE TOOLS LAB	20	38	2
15BJ1A0375	RT31016	IPR & PATENTS	21	30	2
15BJ1A0375	RT31031	DYNAMICS OF MACHINERY	28	39	3
15BJ1A0375	RT31032	METAL CUTTING & MACHINE TOOLS	27	15	0
15BJ1A0375	RT31033	DESIGN OF MACHINE MEMBERS-I	26	27	3
15BJ1A0375	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	39	3
15BJ1A0375	RT31035	THERMAL ENGINEERING-II	29	56	3
15BJ1A0375	RT31036	METROLOGY	27	39	3
15BJ1A0375	RT31037	METROLOGY & INSTRUMENTATION LAB	25	50	2
15BJ1A0375	RT31038	MACHINE TOOLS LAB	25	49	2
15BJ1A0377	RT31016	IPR & PATENTS	27	36	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0377	RT31031	DYNAMICS OF MACHINERY	19	0	0
15BJ1A0377	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
15BJ1A0377	RT31033	DESIGN OF MACHINE MEMBERS-I	20	0	0
15BJ1A0377	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	38	3
15BJ1A0377	RT31035	THERMAL ENGINEERING-II	19	14	0
15BJ1A0377	RT31036	METROLOGY	22	4	0
15BJ1A0377	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
15BJ1A0377	RT31038	MACHINE TOOLS LAB	24	40	2
15BJ1A0378	RT31016	IPR & PATENTS	24	29	2
15BJ1A0378	RT31031	DYNAMICS OF MACHINERY	19	16	0
15BJ1A0378	RT31032	METAL CUTTING & MACHINE TOOLS	21	47	3
15BJ1A0378	RT31033	DESIGN OF MACHINE MEMBERS-I	20	26	3
15BJ1A0378	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	45	3
15BJ1A0378	RT31035	THERMAL ENGINEERING-II	22	36	3
15BJ1A0378	RT31036	METROLOGY	16	0	0
15BJ1A0378	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15BJ1A0378	RT31038	MACHINE TOOLS LAB	21	41	2
15BJ1A0379	RT31016	IPR & PATENTS	25	31	2
15BJ1A0379	RT31031	DYNAMICS OF MACHINERY	19	13	0
15BJ1A0379	RT31032	METAL CUTTING & MACHINE TOOLS	23	49	3
15BJ1A0379	RT31033	DESIGN OF MACHINE MEMBERS-I	18	16	0
15BJ1A0379	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	28	3
15BJ1A0379	RT31035	THERMAL ENGINEERING-II	23	0	0
15BJ1A0379	RT31036	METROLOGY	19	11	0
15BJ1A0379	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
15BJ1A0379	RT31038	MACHINE TOOLS LAB	21	43	2
15BJ1A0389	RT31016	IPR & PATENTS	20	16	0
15BJ1A0389	RT31031	DYNAMICS OF MACHINERY	17	13	0
15BJ1A0389	RT31032	METAL CUTTING & MACHINE TOOLS	22	0	0
15BJ1A0389	RT31033	DESIGN OF MACHINE MEMBERS-I	10	0	0
15BJ1A0389	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	26	0
15BJ1A0389	RT31035	THERMAL ENGINEERING-II	15	17	0
15BJ1A0389	RT31036	METROLOGY	16	0	0
15BJ1A0389	RT31037	METROLOGY & INSTRUMENTATION LAB	19	40	2
15BJ1A0389	RT31038	MACHINE TOOLS LAB	19	39	2
15BJ1A0390	RT31016	IPR & PATENTS	20	-1	0
15BJ1A0390	RT31031	DYNAMICS OF MACHINERY	18	0	0
15BJ1A0390	RT31032	METAL CUTTING & MACHINE TOOLS	21	24	3
15BJ1A0390	RT31033	DESIGN OF MACHINE MEMBERS-I	13	0	0
15BJ1A0390	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	48	3
15BJ1A0390	RT31035	THERMAL ENGINEERING-II	17	0	0
15BJ1A0390	RT31036	METROLOGY	15	9	0
15BJ1A0390	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
15BJ1A0390	RT31038	MACHINE TOOLS LAB	20	40	2
15BJ1A0392	RT31016	IPR & PATENTS	25	27	2
15BJ1A0392	RT31031	DYNAMICS OF MACHINERY	17	0	0
15BJ1A0392	RT31032	METAL CUTTING & MACHINE TOOLS	20	28	3
15BJ1A0392	RT31033	DESIGN OF MACHINE MEMBERS-I	14	0	0
15BJ1A0392	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	10	0
15BJ1A0392	RT31035	THERMAL ENGINEERING-II	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0392	RT31036	METROLOGY	17	10	0
15BJ1A0392	RT31037	METROLOGY & INSTRUMENTATION LAB	18	40	2
15BJ1A0392	RT31038	MACHINE TOOLS LAB	20	38	2
15BJ1A0393	RT31016	IPR & PATENTS	25	10	0
15BJ1A0393	RT31031	DYNAMICS OF MACHINERY	15	21	0
15BJ1A0393	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
15BJ1A0393	RT31033	DESIGN OF MACHINE MEMBERS-I	13	11	0
15BJ1A0393	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	24	3
15BJ1A0393	RT31035	THERMAL ENGINEERING-II	23	8	0
15BJ1A0393	RT31036	METROLOGY	18	4	0
15BJ1A0393	RT31037	METROLOGY & INSTRUMENTATION LAB	18	39	2
15BJ1A0393	RT31038	MACHINE TOOLS LAB	19	39	2
15BJ1A0395	RT31016	IPR & PATENTS	21	29	2
15BJ1A0395	RT31031	DYNAMICS OF MACHINERY	20	37	3
15BJ1A0395	RT31032	METAL CUTTING & MACHINE TOOLS	23	28	3
15BJ1A0395	RT31033	DESIGN OF MACHINE MEMBERS-I	21	12	0
15BJ1A0395	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	28	3
15BJ1A0395	RT31035	THERMAL ENGINEERING-II	23	51	3
15BJ1A0395	RT31036	METROLOGY	23	39	3
15BJ1A0395	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
15BJ1A0395	RT31038	MACHINE TOOLS LAB	19	40	2
15BJ1A0401	RT31016	IPR & PATENTS	26	34	2
15BJ1A0401	RT31041	PULSE & DIGITAL CIRCUITS	26	52	3
15BJ1A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	47	3
15BJ1A0401	RT31043	CONTROL SYSTEMS	22	45	3
15BJ1A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	44	3
15BJ1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	26	14	0
15BJ1A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15BJ1A0401	RT31048	LICA LAB	23	45	2
15BJ1A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
15BJ1A0402	RT31016	IPR & PATENTS	23	30	2
15BJ1A0402	RT31041	PULSE & DIGITAL CIRCUITS	20	24	3
15BJ1A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	20	0
15BJ1A0402	RT31043	CONTROL SYSTEMS	23	26	3
15BJ1A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	24	3
15BJ1A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	26	24	3
15BJ1A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
15BJ1A0402	RT31048	LICA LAB	22	47	2
15BJ1A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
15BJ1A0403	RT31016	IPR & PATENTS	22	35	2
15BJ1A0403	RT31041	PULSE & DIGITAL CIRCUITS	21	30	3
15BJ1A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	35	3
15BJ1A0403	RT31043	CONTROL SYSTEMS	25	27	3
15BJ1A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	24	3
15BJ1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	28	12	0
15BJ1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
15BJ1A0403	RT31048	LICA LAB	23	45	2
15BJ1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
15BJ1A0404	RT31016	IPR & PATENTS	22	26	2
15BJ1A0404	RT31041	PULSE & DIGITAL CIRCUITS	20	3	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	8	0
15BJ1A0404	RT31043	CONTROL SYSTEMS	21	11	0
15BJ1A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	24	3
15BJ1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	24	14	0
15BJ1A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
15BJ1A0404	RT31048	LICA LAB	22	44	2
15BJ1A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
15BJ1A0405	RT31016	IPR & PATENTS	23	29	2
15BJ1A0405	RT31041	PULSE & DIGITAL CIRCUITS	23	25	3
15BJ1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	36	3
15BJ1A0405	RT31043	CONTROL SYSTEMS	20	29	3
15BJ1A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	27	3
15BJ1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	26	8	0
15BJ1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15BJ1A0405	RT31048	LICA LAB	25	49	2
15BJ1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	48	2
15BJ1A0406	RT31016	IPR & PATENTS	24	42	2
15BJ1A0406	RT31041	PULSE & DIGITAL CIRCUITS	25	40	3
15BJ1A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	29	3
15BJ1A0406	RT31043	CONTROL SYSTEMS	20	26	3
15BJ1A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	32	3
15BJ1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	27	45	3
15BJ1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	47	2
15BJ1A0406	RT31048	LICA LAB	24	46	2
15BJ1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15BJ1A0407	RT31016	IPR & PATENTS	20	47	2
15BJ1A0407	RT31041	PULSE & DIGITAL CIRCUITS	18	5	0
15BJ1A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	29	3
15BJ1A0407	RT31043	CONTROL SYSTEMS	20	3	0
15BJ1A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	0	0
15BJ1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	20	7	0
15BJ1A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15BJ1A0407	RT31048	LICA LAB	22	40	2
15BJ1A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	40	2
15BJ1A0408	RT31016	IPR & PATENTS	20	-1	0
15BJ1A0408	RT31041	PULSE & DIGITAL CIRCUITS	21	0	0
15BJ1A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	3	0
15BJ1A0408	RT31043	CONTROL SYSTEMS	16	2	0
15BJ1A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	14	0
15BJ1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	21	12	0
15BJ1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
15BJ1A0408	RT31048	LICA LAB	25	47	2
15BJ1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
15BJ1A0410	RT31016	IPR & PATENTS	23	25	2
15BJ1A0410	RT31041	PULSE & DIGITAL CIRCUITS	22	24	3
15BJ1A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	24	3
15BJ1A0410	RT31043	CONTROL SYSTEMS	20	24	3
15BJ1A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	32	3
15BJ1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	27	12	0
15BJ1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0410	RT31048	LICA LAB	20	40	2
15BJ1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	40	2
15BJ1A0413	RT31016	IPR & PATENTS	23	35	2
15BJ1A0413	RT31041	PULSE & DIGITAL CIRCUITS	27	30	3
15BJ1A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	31	3
15BJ1A0413	RT31043	CONTROL SYSTEMS	26	27	3
15BJ1A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	26	3
15BJ1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	29	40	3
15BJ1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15BJ1A0413	RT31048	LICA LAB	23	49	2
15BJ1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
15BJ1A0415	RT31016	IPR & PATENTS	24	43	2
15BJ1A0415	RT31041	PULSE & DIGITAL CIRCUITS	23	14	0
15BJ1A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	35	3
15BJ1A0415	RT31043	CONTROL SYSTEMS	23	26	3
15BJ1A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	0	0
15BJ1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	26	13	0
15BJ1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15BJ1A0415	RT31048	LICA LAB	22	45	2
15BJ1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15BJ1A0417	RT31016	IPR & PATENTS	25	40	2
15BJ1A0417	RT31041	PULSE & DIGITAL CIRCUITS	21	9	0
15BJ1A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	10	0
15BJ1A0417	RT31043	CONTROL SYSTEMS	16	3	0
15BJ1A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	3	0
15BJ1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	22	0	0
15BJ1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
15BJ1A0417	RT31048	LICA LAB	21	46	2
15BJ1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
15BJ1A0420	RT31016	IPR & PATENTS	25	11	0
15BJ1A0420	RT31041	PULSE & DIGITAL CIRCUITS	19	3	0
15BJ1A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	13	0
15BJ1A0420	RT31043	CONTROL SYSTEMS	21	24	3
15BJ1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	28	3
15BJ1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	24	3	0
15BJ1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15BJ1A0420	RT31048	LICA LAB	21	44	2
15BJ1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
15BJ1A0422	RT31016	IPR & PATENTS	25	29	2
15BJ1A0422	RT31041	PULSE & DIGITAL CIRCUITS	20	24	3
15BJ1A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	11	0
15BJ1A0422	RT31043	CONTROL SYSTEMS	24	7	0
15BJ1A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	3	0
15BJ1A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
15BJ1A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	42	2
15BJ1A0422	RT31048	LICA LAB	20	42	2
15BJ1A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
15BJ1A0423	RT31016	IPR & PATENTS	23	43	2
15BJ1A0423	RT31041	PULSE & DIGITAL CIRCUITS	24	40	3
15BJ1A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	45	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0423	RT31043	CONTROL SYSTEMS	23	33	3
15BJ1A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	29	3
15BJ1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	20	24	3
15BJ1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
15BJ1A0423	RT31048	LICA LAB	20	42	2
15BJ1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
15BJ1A0425	RT31016	IPR & PATENTS	20	29	2
15BJ1A0425	RT31041	PULSE & DIGITAL CIRCUITS	20	2	0
15BJ1A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	6	0
15BJ1A0425	RT31043	CONTROL SYSTEMS	19	11	0
15BJ1A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	7	0
15BJ1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	26	4	0
15BJ1A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
15BJ1A0425	RT31048	LICA LAB	21	46	2
15BJ1A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
15BJ1A0426	RT31016	IPR & PATENTS	18	34	2
15BJ1A0426	RT31041	PULSE & DIGITAL CIRCUITS	19	3	0
15BJ1A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	40	3
15BJ1A0426	RT31043	CONTROL SYSTEMS	19	36	3
15BJ1A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	31	3
15BJ1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	26	9	0
15BJ1A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
15BJ1A0426	RT31048	LICA LAB	22	46	2
15BJ1A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15BJ1A0428	RT31016	IPR & PATENTS	23	36	2
15BJ1A0428	RT31041	PULSE & DIGITAL CIRCUITS	15	2	0
15BJ1A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	0	0
15BJ1A0428	RT31043	CONTROL SYSTEMS	28	12	0
15BJ1A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	0	0
15BJ1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	19	2	0
15BJ1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	42	2
15BJ1A0428	RT31048	LICA LAB	21	44	2
15BJ1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	43	2
15BJ1A0429	RT31016	IPR & PATENTS	22	37	2
15BJ1A0429	RT31041	PULSE & DIGITAL CIRCUITS	16	28	3
15BJ1A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	34	3
15BJ1A0429	RT31043	CONTROL SYSTEMS	16	0	0
15BJ1A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	8	0
15BJ1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	27	15	0
15BJ1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	41	2
15BJ1A0429	RT31048	LICA LAB	21	45	2
15BJ1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
15BJ1A0430	RT31016	IPR & PATENTS	24	24	2
15BJ1A0430	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
15BJ1A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	40	3
15BJ1A0430	RT31043	CONTROL SYSTEMS	25	28	3
15BJ1A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	33	3
15BJ1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	25	36	3
15BJ1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
15BJ1A0430	RT31048	LICA LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	43	2
15BJ1A0431	RT31016	IPR & PATENTS	20	6	0
15BJ1A0431	RT31041	PULSE & DIGITAL CIRCUITS	20	4	0
15BJ1A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	5	0
15BJ1A0431	RT31043	CONTROL SYSTEMS	22	24	3
15BJ1A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	3	0
15BJ1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	24	0	0
15BJ1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15BJ1A0431	RT31048	LICA LAB	21	42	2
15BJ1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
15BJ1A0434	RT31016	IPR & PATENTS	21	25	2
15BJ1A0434	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
15BJ1A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	3	0
15BJ1A0434	RT31043	CONTROL SYSTEMS	24	9	0
15BJ1A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	10	0
15BJ1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	24	4	0
15BJ1A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	41	2
15BJ1A0434	RT31048	LICA LAB	20	42	2
15BJ1A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15BJ1A0435	RT31016	IPR & PATENTS	19	44	2
15BJ1A0435	RT31041	PULSE & DIGITAL CIRCUITS	24	26	3
15BJ1A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	42	3
15BJ1A0435	RT31043	CONTROL SYSTEMS	17	24	3
15BJ1A0435	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	0	0
15BJ1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	25	4	0
15BJ1A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	42	2
15BJ1A0435	RT31048	LICA LAB	21	41	2
15BJ1A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	41	2
15BJ1A0436	RT31016	IPR & PATENTS	21	20	0
15BJ1A0436	RT31041	PULSE & DIGITAL CIRCUITS	18	0	0
15BJ1A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	5	0
15BJ1A0436	RT31043	CONTROL SYSTEMS	17	0	0
15BJ1A0436	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	11	0
15BJ1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	22	24	3
15BJ1A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
15BJ1A0436	RT31048	LICA LAB	24	45	2
15BJ1A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15BJ1A0437	RT31016	IPR & PATENTS	22	32	2
15BJ1A0437	RT31041	PULSE & DIGITAL CIRCUITS	26	13	0
15BJ1A0437	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	42	3
15BJ1A0437	RT31043	CONTROL SYSTEMS	22	37	3
15BJ1A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	36	3
15BJ1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	27	12	0
15BJ1A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15BJ1A0437	RT31048	LICA LAB	23	42	2
15BJ1A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
15BJ1A0439	RT31016	IPR & PATENTS	29	28	2
15BJ1A0439	RT31041	PULSE & DIGITAL CIRCUITS	26	8	0
15BJ1A0439	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	28	3
15BJ1A0439	RT31043	CONTROL SYSTEMS	26	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0439	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	26	3
15BJ1A0439	RT31045	ANTENNAS AND WAVE PROPAGATION	23	17	0
15BJ1A0439	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
15BJ1A0439	RT31048	LICA LAB	22	44	2
15BJ1A0439	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
15BJ1A0440	RT31016	IPR & PATENTS	27	37	2
15BJ1A0440	RT31041	PULSE & DIGITAL CIRCUITS	25	3	0
15BJ1A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	24	3
15BJ1A0440	RT31043	CONTROL SYSTEMS	25	9	0
15BJ1A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	0	0
15BJ1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	22	17	0
15BJ1A0440	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
15BJ1A0440	RT31048	LICA LAB	22	43	2
15BJ1A0440	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	43	2
15BJ1A0441	RT31016	IPR & PATENTS	26	24	2
15BJ1A0441	RT31041	PULSE & DIGITAL CIRCUITS	15	13	0
15BJ1A0441	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	27	3
15BJ1A0441	RT31043	CONTROL SYSTEMS	19	15	0
15BJ1A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	29	3
15BJ1A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	17	24	3
15BJ1A0441	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	38	2
15BJ1A0441	RT31048	LICA LAB	20	38	2
15BJ1A0441	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	35	2
15BJ1A0443	RT31016	IPR & PATENTS	23	12	0
15BJ1A0443	RT31041	PULSE & DIGITAL CIRCUITS	23	45	3
15BJ1A0443	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	34	3
15BJ1A0443	RT31043	CONTROL SYSTEMS	23	8	0
15BJ1A0443	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	34	3
15BJ1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	26	27	3
15BJ1A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15BJ1A0443	RT31048	LICA LAB	22	43	2
15BJ1A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
15BJ1A0444	RT31016	IPR & PATENTS	24	31	2
15BJ1A0444	RT31041	PULSE & DIGITAL CIRCUITS	19	0	0
15BJ1A0444	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	0	0
15BJ1A0444	RT31043	CONTROL SYSTEMS	20	2	0
15BJ1A0444	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	15	0
15BJ1A0444	RT31045	ANTENNAS AND WAVE PROPAGATION	22	11	0
15BJ1A0444	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15BJ1A0444	RT31048	LICA LAB	22	40	2
15BJ1A0444	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	40	2
15BJ1A0445	RT31016	IPR & PATENTS	21	44	2
15BJ1A0445	RT31041	PULSE & DIGITAL CIRCUITS	21	13	0
15BJ1A0445	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	29	3
15BJ1A0445	RT31043	CONTROL SYSTEMS	23	7	0
15BJ1A0445	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	8	0
15BJ1A0445	RT31045	ANTENNAS AND WAVE PROPAGATION	20	2	0
15BJ1A0445	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
15BJ1A0445	RT31048	LICA LAB	22	40	2
15BJ1A0445	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0446	RT31016	IPR & PATENTS	26	37	2
15BJ1A0446	RT31041	PULSE & DIGITAL CIRCUITS	28	38	3
15BJ1A0446	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	52	3
15BJ1A0446	RT31043	CONTROL SYSTEMS	28	29	3
15BJ1A0446	RT31044	DIGITAL SYSTEM DESIGN & DICA	30	28	3
15BJ1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	30	36	3
15BJ1A0446	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15BJ1A0446	RT31048	LICA LAB	25	49	2
15BJ1A0446	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
15BJ1A0449	RT31016	IPR & PATENTS	26	27	2
15BJ1A0449	RT31041	PULSE & DIGITAL CIRCUITS	27	25	3
15BJ1A0449	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	51	3
15BJ1A0449	RT31043	CONTROL SYSTEMS	28	37	3
15BJ1A0449	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	43	3
15BJ1A0449	RT31045	ANTENNAS AND WAVE PROPAGATION	29	42	3
15BJ1A0449	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15BJ1A0449	RT31048	LICA LAB	25	48	2
15BJ1A0449	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	48	2
15BJ1A0450	RT31016	IPR & PATENTS	21	25	2
15BJ1A0450	RT31041	PULSE & DIGITAL CIRCUITS	19	0	0
15BJ1A0450	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	0	0
15BJ1A0450	RT31043	CONTROL SYSTEMS	18	8	0
15BJ1A0450	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	0	0
15BJ1A0450	RT31045	ANTENNAS AND WAVE PROPAGATION	15	7	0
15BJ1A0450	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	42	2
15BJ1A0450	RT31048	LICA LAB	21	42	2
15BJ1A0450	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	44	2
15BJ1A0451	RT31016	IPR & PATENTS	22	-1	0
15BJ1A0451	RT31041	PULSE & DIGITAL CIRCUITS	17	5	0
15BJ1A0451	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	16	0
15BJ1A0451	RT31043	CONTROL SYSTEMS	19	0	0
15BJ1A0451	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	0	0
15BJ1A0451	RT31045	ANTENNAS AND WAVE PROPAGATION	18	12	0
15BJ1A0451	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	41	2
15BJ1A0451	RT31048	LICA LAB	22	42	2
15BJ1A0451	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	42	2
15BJ1A0452	RT31016	IPR & PATENTS	22	25	2
15BJ1A0452	RT31041	PULSE & DIGITAL CIRCUITS	21	9	0
15BJ1A0452	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	34	3
15BJ1A0452	RT31043	CONTROL SYSTEMS	20	28	3
15BJ1A0452	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
15BJ1A0452	RT31045	ANTENNAS AND WAVE PROPAGATION	19	37	3
15BJ1A0452	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	39	2
15BJ1A0452	RT31048	LICA LAB	22	41	2
15BJ1A0452	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	40	2
15BJ1A0454	RT31016	IPR & PATENTS	23	8	0
15BJ1A0454	RT31041	PULSE & DIGITAL CIRCUITS	17	2	0
15BJ1A0454	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	16	0
15BJ1A0454	RT31043	CONTROL SYSTEMS	23	30	3
15BJ1A0454	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	16	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0454	RT31045	ANTENNAS AND WAVE PROPAGATION	19	2	0
15BJ1A0454	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15BJ1A0454	RT31048	LICA LAB	21	42	2
15BJ1A0454	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	43	2
15BJ1A0455	RT31016	IPR & PATENTS	23	26	2
15BJ1A0455	RT31041	PULSE & DIGITAL CIRCUITS	21	4	0
15BJ1A0455	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	26	3
15BJ1A0455	RT31043	CONTROL SYSTEMS	26	24	3
15BJ1A0455	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	25	3
15BJ1A0455	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
15BJ1A0455	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15BJ1A0455	RT31048	LICA LAB	20	37	2
15BJ1A0455	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	16	35	2
15BJ1A0456	RT31016	IPR & PATENTS	24	39	2
15BJ1A0456	RT31041	PULSE & DIGITAL CIRCUITS	26	35	3
15BJ1A0456	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	46	3
15BJ1A0456	RT31043	CONTROL SYSTEMS	26	31	3
15BJ1A0456	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	16	0
15BJ1A0456	RT31045	ANTENNAS AND WAVE PROPAGATION	26	28	3
15BJ1A0456	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
15BJ1A0456	RT31048	LICA LAB	25	48	2
15BJ1A0456	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	48	2
15BJ1A0457	RT31016	IPR & PATENTS	23	31	2
15BJ1A0457	RT31041	PULSE & DIGITAL CIRCUITS	22	0	0
15BJ1A0457	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	2	0
15BJ1A0457	RT31043	CONTROL SYSTEMS	24	8	0
15BJ1A0457	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	4	0
15BJ1A0457	RT31045	ANTENNAS AND WAVE PROPAGATION	19	2	0
15BJ1A0457	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
15BJ1A0457	RT31048	LICA LAB	21	38	2
15BJ1A0457	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	35	2
15BJ1A0458	RT31016	IPR & PATENTS	22	9	0
15BJ1A0458	RT31041	PULSE & DIGITAL CIRCUITS	19	4	0
15BJ1A0458	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	15	0
15BJ1A0458	RT31043	CONTROL SYSTEMS	18	24	3
15BJ1A0458	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	20	0
15BJ1A0458	RT31045	ANTENNAS AND WAVE PROPAGATION	23	7	0
15BJ1A0458	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
15BJ1A0458	RT31048	LICA LAB	23	44	2
15BJ1A0458	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
15BJ1A0459	RT31016	IPR & PATENTS	25	-1	0
15BJ1A0459	RT31041	PULSE & DIGITAL CIRCUITS	25	-1	0
15BJ1A0459	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	16	0
15BJ1A0459	RT31043	CONTROL SYSTEMS	22	16	0
15BJ1A0459	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	19	0
15BJ1A0459	RT31045	ANTENNAS AND WAVE PROPAGATION	25	39	3
15BJ1A0459	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15BJ1A0459	RT31048	LICA LAB	23	45	2
15BJ1A0459	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
15BJ1A0460	RT31016	IPR & PATENTS	27	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0460	RT31041	PULSE & DIGITAL CIRCUITS	19	27	3
15BJ1A0460	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	41	3
15BJ1A0460	RT31043	CONTROL SYSTEMS	18	13	0
15BJ1A0460	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	12	0
15BJ1A0460	RT31045	ANTENNAS AND WAVE PROPAGATION	21	29	3
15BJ1A0460	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15BJ1A0460	RT31048	LICA LAB	21	40	2
15BJ1A0460	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
15BJ1A0461	RT31016	IPR & PATENTS	20	33	2
15BJ1A0461	RT31041	PULSE & DIGITAL CIRCUITS	20	2	0
15BJ1A0461	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	24	3
15BJ1A0461	RT31043	CONTROL SYSTEMS	24	25	3
15BJ1A0461	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	7	0
15BJ1A0461	RT31045	ANTENNAS AND WAVE PROPAGATION	16	25	3
15BJ1A0461	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15BJ1A0461	RT31048	LICA LAB	22	43	2
15BJ1A0461	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
15BJ1A0462	RT31016	IPR & PATENTS	25	31	2
15BJ1A0462	RT31041	PULSE & DIGITAL CIRCUITS	24	15	0
15BJ1A0462	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	36	3
15BJ1A0462	RT31043	CONTROL SYSTEMS	20	25	3
15BJ1A0462	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	35	3
15BJ1A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	27	24	3
15BJ1A0462	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15BJ1A0462	RT31048	LICA LAB	22	44	2
15BJ1A0462	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
15BJ1A0463	RT31016	IPR & PATENTS	30	43	2
15BJ1A0463	RT31041	PULSE & DIGITAL CIRCUITS	30	44	3
15BJ1A0463	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	46	3
15BJ1A0463	RT31043	CONTROL SYSTEMS	28	46	3
15BJ1A0463	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	46	3
15BJ1A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	30	56	3
15BJ1A0463	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
15BJ1A0463	RT31048	LICA LAB	25	49	2
15BJ1A0463	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	48	2
15BJ1A0464	RT31016	IPR & PATENTS	26	49	2
15BJ1A0464	RT31041	PULSE & DIGITAL CIRCUITS	27	40	3
15BJ1A0464	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	55	3
15BJ1A0464	RT31043	CONTROL SYSTEMS	25	37	3
15BJ1A0464	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	40	3
15BJ1A0464	RT31045	ANTENNAS AND WAVE PROPAGATION	28	34	3
15BJ1A0464	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
15BJ1A0464	RT31048	LICA LAB	25	47	2
15BJ1A0464	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
15BJ1A0465	RT31016	IPR & PATENTS	24	42	2
15BJ1A0465	RT31041	PULSE & DIGITAL CIRCUITS	26	11	0
15BJ1A0465	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	25	3
15BJ1A0465	RT31043	CONTROL SYSTEMS	23	37	3
15BJ1A0465	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	35	3
15BJ1A0465	RT31045	ANTENNAS AND WAVE PROPAGATION	27	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0465	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
15BJ1A0465	RT31048	LICA LAB	25	47	2
15BJ1A0465	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
15BJ1A0466	RT31016	IPR & PATENTS	24	13	0
15BJ1A0466	RT31041	PULSE & DIGITAL CIRCUITS	18	3	0
15BJ1A0466	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	38	3
15BJ1A0466	RT31043	CONTROL SYSTEMS	18	27	3
15BJ1A0466	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	31	3
15BJ1A0466	RT31045	ANTENNAS AND WAVE PROPAGATION	19	9	0
15BJ1A0466	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15BJ1A0466	RT31048	LICA LAB	22	45	2
15BJ1A0466	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
15BJ1A0467	RT31016	IPR & PATENTS	21	41	2
15BJ1A0467	RT31041	PULSE & DIGITAL CIRCUITS	21	6	0
15BJ1A0467	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	9	0
15BJ1A0467	RT31043	CONTROL SYSTEMS	21	14	0
15BJ1A0467	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	26	3
15BJ1A0467	RT31045	ANTENNAS AND WAVE PROPAGATION	26	31	3
15BJ1A0467	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	40	2
15BJ1A0467	RT31048	LICA LAB	22	43	2
15BJ1A0467	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	35	2
15BJ1A0468	RT31016	IPR & PATENTS	20	41	2
15BJ1A0468	RT31041	PULSE & DIGITAL CIRCUITS	22	32	3
15BJ1A0468	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	45	3
15BJ1A0468	RT31043	CONTROL SYSTEMS	17	17	0
15BJ1A0468	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	3	0
15BJ1A0468	RT31045	ANTENNAS AND WAVE PROPAGATION	27	28	3
15BJ1A0468	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	40	2
15BJ1A0468	RT31048	LICA LAB	22	42	2
15BJ1A0468	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	41	2
15BJ1A0469	RT31016	IPR & PATENTS	22	26	2
15BJ1A0469	RT31041	PULSE & DIGITAL CIRCUITS	25	0	0
15BJ1A0469	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	10	0
15BJ1A0469	RT31043	CONTROL SYSTEMS	20	17	0
15BJ1A0469	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	24	3
15BJ1A0469	RT31045	ANTENNAS AND WAVE PROPAGATION	21	34	3
15BJ1A0469	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
15BJ1A0469	RT31048	LICA LAB	22	42	2
15BJ1A0469	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	45	2
15BJ1A0470	RT31016	IPR & PATENTS	21	9	0
15BJ1A0470	RT31041	PULSE & DIGITAL CIRCUITS	10	25	0
15BJ1A0470	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	26	3
15BJ1A0470	RT31043	CONTROL SYSTEMS	14	26	3
15BJ1A0470	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	17	0
15BJ1A0470	RT31045	ANTENNAS AND WAVE PROPAGATION	17	3	0
15BJ1A0470	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15BJ1A0470	RT31048	LICA LAB	20	38	2
15BJ1A0470	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	35	2
15BJ1A0471	RT31016	IPR & PATENTS	20	32	2
15BJ1A0471	RT31041	PULSE & DIGITAL CIRCUITS	15	4	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0471	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	24	3
15BJ1A0471	RT31043	CONTROL SYSTEMS	17	12	0
15BJ1A0471	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	13	0
15BJ1A0471	RT31045	ANTENNAS AND WAVE PROPAGATION	14	26	3
15BJ1A0471	RT31047	PULSE & DIGITAL CIRCUITS LAB	13	37	2
15BJ1A0471	RT31048	LICA LAB	20	40	2
15BJ1A0471	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	16	40	2
15BJ1A0473	RT31016	IPR & PATENTS	19	47	2
15BJ1A0473	RT31041	PULSE & DIGITAL CIRCUITS	16	35	3
15BJ1A0473	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	43	3
15BJ1A0473	RT31043	CONTROL SYSTEMS	19	5	0
15BJ1A0473	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	8	0
15BJ1A0473	RT31045	ANTENNAS AND WAVE PROPAGATION	16	10	0
15BJ1A0473	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	38	2
15BJ1A0473	RT31048	LICA LAB	22	40	2
15BJ1A0473	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	40	2
15BJ1A0474	RT31016	IPR & PATENTS	20	27	2
15BJ1A0474	RT31041	PULSE & DIGITAL CIRCUITS	20	10	0
15BJ1A0474	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	10	0
15BJ1A0474	RT31043	CONTROL SYSTEMS	19	9	0
15BJ1A0474	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	25	3
15BJ1A0474	RT31045	ANTENNAS AND WAVE PROPAGATION	19	32	3
15BJ1A0474	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	40	2
15BJ1A0474	RT31048	LICA LAB	21	40	2
15BJ1A0474	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	15	41	2
15BJ1A0475	RT31016	IPR & PATENTS	22	28	2
15BJ1A0475	RT31041	PULSE & DIGITAL CIRCUITS	24	24	3
15BJ1A0475	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	43	3
15BJ1A0475	RT31043	CONTROL SYSTEMS	25	30	3
15BJ1A0475	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	34	3
15BJ1A0475	RT31045	ANTENNAS AND WAVE PROPAGATION	25	14	0
15BJ1A0475	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
15BJ1A0475	RT31048	LICA LAB	22	44	2
15BJ1A0475	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
15BJ1A0485	RT31016	IPR & PATENTS	28	36	2
15BJ1A0485	RT31041	PULSE & DIGITAL CIRCUITS	25	24	3
15BJ1A0485	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	33	3
15BJ1A0485	RT31043	CONTROL SYSTEMS	29	29	3
15BJ1A0485	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	16	0
15BJ1A0485	RT31045	ANTENNAS AND WAVE PROPAGATION	29	33	3
15BJ1A0485	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
15BJ1A0485	RT31048	LICA LAB	24	46	2
15BJ1A0485	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
15BJ1A0486	RT31016	IPR & PATENTS	0	26	0
15BJ1A0486	RT31041	PULSE & DIGITAL CIRCUITS	22	3	0
15BJ1A0486	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	32	3
15BJ1A0486	RT31043	CONTROL SYSTEMS	22	0	0
15BJ1A0486	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	0	0
15BJ1A0486	RT31045	ANTENNAS AND WAVE PROPAGATION	4	0	0
15BJ1A0486	RT31047	PULSE & DIGITAL CIRCUITS LAB	13	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0486	RT31048	LICA LAB	20	-1	0
15BJ1A0486	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	13	-1	0
15BJ1A0501	RT31051	COMPILER DESIGN	18	30	3
15BJ1A0501	RT31052	DATA COMMUNICATION	20	15	0
15BJ1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	7	0
15BJ1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	15	31	3
15BJ1A0501	RT31055	OPERATING SYSTEMS	14	5	0
15BJ1A0501	RT31056	COMPILER DESIGN LAB	19	44	2
15BJ1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
15BJ1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
15BJ1A0501	RT31059	SEMINAR	46	0	1
15BJ1A0502	RT31051	COMPILER DESIGN	25	29	3
15BJ1A0502	RT31052	DATA COMMUNICATION	22	27	3
15BJ1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	18	0
15BJ1A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	21	33	3
15BJ1A0502	RT31055	OPERATING SYSTEMS	21	14	0
15BJ1A0502	RT31056	COMPILER DESIGN LAB	22	47	2
15BJ1A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
15BJ1A0502	RT31059	SEMINAR	47	0	1
15BJ1A0503	RT31051	COMPILER DESIGN	29	32	3
15BJ1A0503	RT31052	DATA COMMUNICATION	29	50	3
15BJ1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	43	3
15BJ1A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	26	33	3
15BJ1A0503	RT31055	OPERATING SYSTEMS	28	26	3
15BJ1A0503	RT31056	COMPILER DESIGN LAB	25	50	2
15BJ1A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
15BJ1A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	46	2
15BJ1A0503	RT31059	SEMINAR	49	0	1
15BJ1A0504	RT31051	COMPILER DESIGN	25	24	3
15BJ1A0504	RT31052	DATA COMMUNICATION	21	15	0
15BJ1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	40	3
15BJ1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	19	24	3
15BJ1A0504	RT31055	OPERATING SYSTEMS	18	5	0
15BJ1A0504	RT31056	COMPILER DESIGN LAB	20	45	2
15BJ1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	43	2
15BJ1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
15BJ1A0504	RT31059	SEMINAR	45	0	1
15BJ1A0505	RT31051	COMPILER DESIGN	28	44	3
15BJ1A0505	RT31052	DATA COMMUNICATION	28	28	3
15BJ1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	27	3
15BJ1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	24	35	3
15BJ1A0505	RT31055	OPERATING SYSTEMS	25	27	3
15BJ1A0505	RT31056	COMPILER DESIGN LAB	22	48	2
15BJ1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0505	RT31059	SEMINAR	46	0	1
15BJ1A0506	RT31051	COMPILER DESIGN	26	24	3
15BJ1A0506	RT31052	DATA COMMUNICATION	26	25	3
15BJ1A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	20	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	21	29	3
15BJ1A0506	RT31055	OPERATING SYSTEMS	24	16	0
15BJ1A0506	RT31056	COMPILER DESIGN LAB	20	45	2
15BJ1A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15BJ1A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	45	2
15BJ1A0506	RT31059	SEMINAR	45	0	1
15BJ1A0507	RT31051	COMPILER DESIGN	25	24	3
15BJ1A0507	RT31052	DATA COMMUNICATION	24	18	0
15BJ1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	40	3
15BJ1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	18	28	3
15BJ1A0507	RT31055	OPERATING SYSTEMS	21	25	3
15BJ1A0507	RT31056	COMPILER DESIGN LAB	19	45	2
15BJ1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
15BJ1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	45	2
15BJ1A0507	RT31059	SEMINAR	44	0	1
15BJ1A0508	RT31051	COMPILER DESIGN	20	-1	0
15BJ1A0508	RT31052	DATA COMMUNICATION	21	-1	0
15BJ1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	-1	0
15BJ1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	14	-1	0
15BJ1A0508	RT31055	OPERATING SYSTEMS	21	-1	0
15BJ1A0508	RT31056	COMPILER DESIGN LAB	14	-1	0
15BJ1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	-1	0
15BJ1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	-1	0
15BJ1A0508	RT31059	SEMINAR	42	0	1
15BJ1A0510	RT31051	COMPILER DESIGN	19	30	3
15BJ1A0510	RT31052	DATA COMMUNICATION	26	11	0
15BJ1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	7	0
15BJ1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	19	30	3
15BJ1A0510	RT31055	OPERATING SYSTEMS	22	12	0
15BJ1A0510	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
15BJ1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	46	2
15BJ1A0510	RT31059	SEMINAR	44	0	1
15BJ1A0512	RT31051	COMPILER DESIGN	20	3	0
15BJ1A0512	RT31052	DATA COMMUNICATION	19	13	0
15BJ1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	11	0
15BJ1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	14	18	0
15BJ1A0512	RT31055	OPERATING SYSTEMS	15	5	0
15BJ1A0512	RT31056	COMPILER DESIGN LAB	17	-1	0
15BJ1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	-1	0
15BJ1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	-1	0
15BJ1A0512	RT31059	SEMINAR	43	0	1
15BJ1A0513	RT31051	COMPILER DESIGN	25	10	0
15BJ1A0513	RT31052	DATA COMMUNICATION	24	43	3
15BJ1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	47	3
15BJ1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	20	11	0
15BJ1A0513	RT31055	OPERATING SYSTEMS	22	26	3
15BJ1A0513	RT31056	COMPILER DESIGN LAB	20	45	2
15BJ1A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0513	RT31059	SEMINAR	46	0	1
15BJ1A0514	RT31051	COMPILER DESIGN	26	4	0
15BJ1A0514	RT31052	DATA COMMUNICATION	17	9	0
15BJ1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	8	0
15BJ1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	13	25	0
15BJ1A0514	RT31055	OPERATING SYSTEMS	16	4	0
15BJ1A0514	RT31056	COMPILER DESIGN LAB	18	-1	0
15BJ1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	-1	0
15BJ1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	-1	0
15BJ1A0514	RT31059	SEMINAR	43	0	1
15BJ1A0516	RT31051	COMPILER DESIGN	21	4	0
15BJ1A0516	RT31052	DATA COMMUNICATION	21	12	0
15BJ1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	11	8	0
15BJ1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	14	30	3
15BJ1A0516	RT31055	OPERATING SYSTEMS	19	9	0
15BJ1A0516	RT31056	COMPILER DESIGN LAB	18	44	2
15BJ1A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	44	2
15BJ1A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	44	2
15BJ1A0516	RT31059	SEMINAR	43	0	1
15BJ1A0517	RT31051	COMPILER DESIGN	28	47	3
15BJ1A0517	RT31052	DATA COMMUNICATION	27	37	3
15BJ1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	38	3
15BJ1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	25	70	3
15BJ1A0517	RT31055	OPERATING SYSTEMS	27	41	3
15BJ1A0517	RT31056	COMPILER DESIGN LAB	24	50	2
15BJ1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
15BJ1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	50	2
15BJ1A0517	RT31059	SEMINAR	50	0	1
15BJ1A0518	RT31051	COMPILER DESIGN	19	0	0
15BJ1A0518	RT31052	DATA COMMUNICATION	18	7	0
15BJ1A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	10	0
15BJ1A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	13	0	0
15BJ1A0518	RT31055	OPERATING SYSTEMS	15	5	0
15BJ1A0518	RT31056	COMPILER DESIGN LAB	19	43	2
15BJ1A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
15BJ1A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	36	2
15BJ1A0518	RT31059	SEMINAR	44	0	1
15BJ1A0519	RT31051	COMPILER DESIGN	20	0	0
15BJ1A0519	RT31052	DATA COMMUNICATION	19	9	0
15BJ1A0519	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	2	0
15BJ1A0519	RT31054	DATABASE MANAGEMENT SYSTEMS	13	0	0
15BJ1A0519	RT31055	OPERATING SYSTEMS	17	5	0
15BJ1A0519	RT31056	COMPILER DESIGN LAB	18	42	2
15BJ1A0519	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	42	2
15BJ1A0519	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	40	2
15BJ1A0519	RT31059	SEMINAR	43	0	1
15BJ1A0521	RT31051	COMPILER DESIGN	16	0	0
15BJ1A0521	RT31052	DATA COMMUNICATION	18	16	0
15BJ1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	0	0
15BJ1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	16	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0521	RT31055	OPERATING SYSTEMS	18	0	0
15BJ1A0521	RT31056	COMPILER DESIGN LAB	16	45	2
15BJ1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15BJ1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	38	2
15BJ1A0521	RT31059	SEMINAR	45	0	1
15BJ1A0522	RT31051	COMPILER DESIGN	7	0	0
15BJ1A0522	RT31052	DATA COMMUNICATION	0	5	0
15BJ1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	8	3	0
15BJ1A0522	RT31054	DATABASE MANAGEMENT SYSTEMS	14	2	0
15BJ1A0522	RT31055	OPERATING SYSTEMS	6	0	0
15BJ1A0522	RT31056	COMPILER DESIGN LAB	14	39	2
15BJ1A0522	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	43	2
15BJ1A0522	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	39	2
15BJ1A0522	RT31059	SEMINAR	42	0	1
15BJ1A0523	RT31051	COMPILER DESIGN	19	2	0
15BJ1A0523	RT31052	DATA COMMUNICATION	26	33	3
15BJ1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	26	3
15BJ1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	25	24	3
15BJ1A0523	RT31055	OPERATING SYSTEMS	24	25	3
15BJ1A0523	RT31056	COMPILER DESIGN LAB	20	46	2
15BJ1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
15BJ1A0523	RT31059	SEMINAR	46	0	1
15BJ1A0525	RT31051	COMPILER DESIGN	28	33	3
15BJ1A0525	RT31052	DATA COMMUNICATION	23	33	3
15BJ1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	53	3
15BJ1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	23	39	3
15BJ1A0525	RT31055	OPERATING SYSTEMS	26	27	3
15BJ1A0525	RT31056	COMPILER DESIGN LAB	22	49	2
15BJ1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
15BJ1A0525	RT31059	SEMINAR	47	0	1
15BJ1A0526	RT31051	COMPILER DESIGN	18	9	0
15BJ1A0526	RT31052	DATA COMMUNICATION	24	14	0
15BJ1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	0	0
15BJ1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	17	13	0
15BJ1A0526	RT31055	OPERATING SYSTEMS	20	4	0
15BJ1A0526	RT31056	COMPILER DESIGN LAB	14	40	2
15BJ1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	42	2
15BJ1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	38	2
15BJ1A0526	RT31059	SEMINAR	42	0	1
15BJ1A0527	RT31051	COMPILER DESIGN	26	38	3
15BJ1A0527	RT31052	DATA COMMUNICATION	24	27	3
15BJ1A0527	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	15	0
15BJ1A0527	RT31054	DATABASE MANAGEMENT SYSTEMS	24	47	3
15BJ1A0527	RT31055	OPERATING SYSTEMS	22	30	3
15BJ1A0527	RT31056	COMPILER DESIGN LAB	17	46	2
15BJ1A0527	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
15BJ1A0527	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
15BJ1A0527	RT31059	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0528	RT31051	COMPILER DESIGN	24	13	0
15BJ1A0528	RT31052	DATA COMMUNICATION	21	38	3
15BJ1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	26	3
15BJ1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	13	0	0
15BJ1A0528	RT31055	OPERATING SYSTEMS	20	28	3
15BJ1A0528	RT31056	COMPILER DESIGN LAB	18	42	2
15BJ1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15BJ1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	40	2
15BJ1A0528	RT31059	SEMINAR	45	0	1
15BJ1A0529	RT31051	COMPILER DESIGN	18	0	0
15BJ1A0529	RT31052	DATA COMMUNICATION	20	9	0
15BJ1A0529	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	39	3
15BJ1A0529	RT31054	DATABASE MANAGEMENT SYSTEMS	9	0	0
15BJ1A0529	RT31055	OPERATING SYSTEMS	9	0	0
15BJ1A0529	RT31056	COMPILER DESIGN LAB	17	40	2
15BJ1A0529	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
15BJ1A0529	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	38	2
15BJ1A0529	RT31059	SEMINAR	43	0	1
15BJ1A0530	RT31051	COMPILER DESIGN	23	21	0
15BJ1A0530	RT31052	DATA COMMUNICATION	18	11	0
15BJ1A0530	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	0	0
15BJ1A0530	RT31054	DATABASE MANAGEMENT SYSTEMS	17	3	0
15BJ1A0530	RT31055	OPERATING SYSTEMS	18	0	0
15BJ1A0530	RT31056	COMPILER DESIGN LAB	19	-1	0
15BJ1A0530	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	-1	0
15BJ1A0530	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	-1	0
15BJ1A0530	RT31059	SEMINAR	47	0	1
15BJ1A0531	RT31051	COMPILER DESIGN	16	24	3
15BJ1A0531	RT31052	DATA COMMUNICATION	21	19	0
15BJ1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	24	3
15BJ1A0531	RT31054	DATABASE MANAGEMENT SYSTEMS	18	29	3
15BJ1A0531	RT31055	OPERATING SYSTEMS	17	36	3
15BJ1A0531	RT31056	COMPILER DESIGN LAB	19	42	2
15BJ1A0531	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15BJ1A0531	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	38	2
15BJ1A0531	RT31059	SEMINAR	47	0	1
15BJ1A0532	RT31051	COMPILER DESIGN	25	24	3
15BJ1A0532	RT31052	DATA COMMUNICATION	20	35	3
15BJ1A0532	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	41	3
15BJ1A0532	RT31054	DATABASE MANAGEMENT SYSTEMS	15	15	0
15BJ1A0532	RT31055	OPERATING SYSTEMS	22	25	3
15BJ1A0532	RT31056	COMPILER DESIGN LAB	18	48	2
15BJ1A0532	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	49	2
15BJ1A0532	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
15BJ1A0532	RT31059	SEMINAR	48	0	1
15BJ1A0533	RT31051	COMPILER DESIGN	23	18	0
15BJ1A0533	RT31052	DATA COMMUNICATION	20	24	3
15BJ1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	38	3
15BJ1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	18	27	3
15BJ1A0533	RT31055	OPERATING SYSTEMS	25	5	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0533	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
15BJ1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
15BJ1A0533	RT31059	SEMINAR	46	0	1
15BJ1A0534	RT31051	COMPILER DESIGN	24	45	3
15BJ1A0534	RT31052	DATA COMMUNICATION	24	27	3
15BJ1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	35	3
15BJ1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	25	36	3
15BJ1A0534	RT31055	OPERATING SYSTEMS	26	24	3
15BJ1A0534	RT31056	COMPILER DESIGN LAB	18	47	2
15BJ1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
15BJ1A0534	RT31059	SEMINAR	45	0	1
15BJ1A0535	RT31051	COMPILER DESIGN	15	3	0
15BJ1A0535	RT31052	DATA COMMUNICATION	15	14	0
15BJ1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	4	0
15BJ1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	14	12	0
15BJ1A0535	RT31055	OPERATING SYSTEMS	11	0	0
15BJ1A0535	RT31056	COMPILER DESIGN LAB	17	41	2
15BJ1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15BJ1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	36	2
15BJ1A0535	RT31059	SEMINAR	45	0	1
15BJ1A0536	RT31051	COMPILER DESIGN	14	4	0
15BJ1A0536	RT31052	DATA COMMUNICATION	20	27	3
15BJ1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	43	3
15BJ1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	18	15	0
15BJ1A0536	RT31055	OPERATING SYSTEMS	22	13	0
15BJ1A0536	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
15BJ1A0536	RT31059	SEMINAR	46	0	1
15BJ1A0539	RT31051	COMPILER DESIGN	26	35	3
15BJ1A0539	RT31052	DATA COMMUNICATION	20	15	0
15BJ1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	34	3
15BJ1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	19	34	3
15BJ1A0539	RT31055	OPERATING SYSTEMS	21	38	3
15BJ1A0539	RT31056	COMPILER DESIGN LAB	18	47	2
15BJ1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15BJ1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0539	RT31059	SEMINAR	46	0	1
15BJ1A0542	RT31051	COMPILER DESIGN	24	29	3
15BJ1A0542	RT31052	DATA COMMUNICATION	24	19	0
15BJ1A0542	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	24	3
15BJ1A0542	RT31054	DATABASE MANAGEMENT SYSTEMS	22	29	3
15BJ1A0542	RT31055	OPERATING SYSTEMS	24	25	3
15BJ1A0542	RT31056	COMPILER DESIGN LAB	18	45	2
15BJ1A0542	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0542	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	45	2
15BJ1A0542	RT31059	SEMINAR	45	0	1
15BJ1A0543	RT31051	COMPILER DESIGN	22	27	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0543	RT31052	DATA COMMUNICATION	26	30	3
15BJ1A0543	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	17	0
15BJ1A0543	RT31054	DATABASE MANAGEMENT SYSTEMS	24	32	3
15BJ1A0543	RT31055	OPERATING SYSTEMS	21	30	3
15BJ1A0543	RT31056	COMPILER DESIGN LAB	18	45	2
15BJ1A0543	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15BJ1A0543	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
15BJ1A0543	RT31059	SEMINAR	47	0	1
15BJ1A0544	RT31051	COMPILER DESIGN	24	10	0
15BJ1A0544	RT31052	DATA COMMUNICATION	24	37	3
15BJ1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	39	3
15BJ1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	24	27	3
15BJ1A0544	RT31055	OPERATING SYSTEMS	26	24	3
15BJ1A0544	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0544	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0544	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	50	2
15BJ1A0544	RT31059	SEMINAR	45	0	1
15BJ1A0545	RT31051	COMPILER DESIGN	22	30	3
15BJ1A0545	RT31052	DATA COMMUNICATION	21	26	3
15BJ1A0545	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	51	3
15BJ1A0545	RT31054	DATABASE MANAGEMENT SYSTEMS	15	38	3
15BJ1A0545	RT31055	OPERATING SYSTEMS	21	29	3
15BJ1A0545	RT31056	COMPILER DESIGN LAB	18	43	2
15BJ1A0545	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15BJ1A0545	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	43	2
15BJ1A0545	RT31059	SEMINAR	47	0	1
15BJ1A0546	RT31051	COMPILER DESIGN	10	20	0
15BJ1A0546	RT31052	DATA COMMUNICATION	20	19	0
15BJ1A0546	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	6	0
15BJ1A0546	RT31054	DATABASE MANAGEMENT SYSTEMS	14	10	0
15BJ1A0546	RT31055	OPERATING SYSTEMS	14	14	0
15BJ1A0546	RT31056	COMPILER DESIGN LAB	21	46	2
15BJ1A0546	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	47	2
15BJ1A0546	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
15BJ1A0546	RT31059	SEMINAR	46	0	1
15BJ1A0548	RT31051	COMPILER DESIGN	12	5	0
15BJ1A0548	RT31052	DATA COMMUNICATION	16	7	0
15BJ1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	0	0
15BJ1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	17	4	0
15BJ1A0548	RT31055	OPERATING SYSTEMS	17	0	0
15BJ1A0548	RT31056	COMPILER DESIGN LAB	18	44	2
15BJ1A0548	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15BJ1A0548	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
15BJ1A0548	RT31059	SEMINAR	45	0	1
15BJ1A0549	RT31051	COMPILER DESIGN	29	30	3
15BJ1A0549	RT31052	DATA COMMUNICATION	28	47	3
15BJ1A0549	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	51	3
15BJ1A0549	RT31054	DATABASE MANAGEMENT SYSTEMS	25	35	3
15BJ1A0549	RT31055	OPERATING SYSTEMS	26	36	3
15BJ1A0549	RT31056	COMPILER DESIGN LAB	20	47	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0549	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
15BJ1A0549	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
15BJ1A0549	RT31059	SEMINAR	45	0	1
15BJ1A0550	RT31051	COMPILER DESIGN	17	24	3
15BJ1A0550	RT31052	DATA COMMUNICATION	19	9	0
15BJ1A0550	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	36	3
15BJ1A0550	RT31054	DATABASE MANAGEMENT SYSTEMS	16	24	3
15BJ1A0550	RT31055	OPERATING SYSTEMS	16	7	0
15BJ1A0550	RT31056	COMPILER DESIGN LAB	21	46	2
15BJ1A0550	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0550	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	36	2
15BJ1A0550	RT31059	SEMINAR	47	0	1
15BJ1A0551	RT31051	COMPILER DESIGN	29	43	3
15BJ1A0551	RT31052	DATA COMMUNICATION	28	26	3
15BJ1A0551	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	28	3
15BJ1A0551	RT31054	DATABASE MANAGEMENT SYSTEMS	28	33	3
15BJ1A0551	RT31055	OPERATING SYSTEMS	25	28	3
15BJ1A0551	RT31056	COMPILER DESIGN LAB	24	50	2
15BJ1A0551	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
15BJ1A0551	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	46	2
15BJ1A0551	RT31059	SEMINAR	49	0	1
15BJ1A0554	RT31051	COMPILER DESIGN	19	17	0
15BJ1A0554	RT31052	DATA COMMUNICATION	20	27	3
15BJ1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	31	3
15BJ1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	16	32	3
15BJ1A0554	RT31055	OPERATING SYSTEMS	18	34	3
15BJ1A0554	RT31056	COMPILER DESIGN LAB	19	45	2
15BJ1A0554	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A0554	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
15BJ1A0554	RT31059	SEMINAR	48	0	1
15BJ1A0555	RT31051	COMPILER DESIGN	29	37	3
15BJ1A0555	RT31052	DATA COMMUNICATION	27	38	3
15BJ1A0555	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	48	3
15BJ1A0555	RT31054	DATABASE MANAGEMENT SYSTEMS	24	37	3
15BJ1A0555	RT31055	OPERATING SYSTEMS	26	41	3
15BJ1A0555	RT31056	COMPILER DESIGN LAB	23	50	2
15BJ1A0555	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	50	2
15BJ1A0555	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
15BJ1A0555	RT31059	SEMINAR	46	0	1
15BJ1A0556	RT31051	COMPILER DESIGN	18	0	0
15BJ1A0556	RT31052	DATA COMMUNICATION	13	18	0
15BJ1A0556	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	3	0
15BJ1A0556	RT31054	DATABASE MANAGEMENT SYSTEMS	14	28	3
15BJ1A0556	RT31055	OPERATING SYSTEMS	17	6	0
15BJ1A0556	RT31056	COMPILER DESIGN LAB	18	-1	0
15BJ1A0556	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	-1	0
15BJ1A0556	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	-1	0
15BJ1A0556	RT31059	SEMINAR	45	0	1
15BJ1A0558	RT31051	COMPILER DESIGN	21	0	0
15BJ1A0558	RT31052	DATA COMMUNICATION	23	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0558	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	0	0
15BJ1A0558	RT31054	DATABASE MANAGEMENT SYSTEMS	20	7	0
15BJ1A0558	RT31055	OPERATING SYSTEMS	20	7	0
15BJ1A0558	RT31056	COMPILER DESIGN LAB	18	43	2
15BJ1A0558	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	39	2
15BJ1A0558	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	42	2
15BJ1A0558	RT31059	SEMINAR	42	0	1
15BJ1A0559	RT31051	COMPILER DESIGN	18	30	3
15BJ1A0559	RT31052	DATA COMMUNICATION	23	29	3
15BJ1A0559	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	31	3
15BJ1A0559	RT31054	DATABASE MANAGEMENT SYSTEMS	20	32	3
15BJ1A0559	RT31055	OPERATING SYSTEMS	23	14	0
15BJ1A0559	RT31056	COMPILER DESIGN LAB	22	46	2
15BJ1A0559	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A0559	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2
15BJ1A0559	RT31059	SEMINAR	47	0	1
15BJ1A0560	RT31051	COMPILER DESIGN	21	29	3
15BJ1A0560	RT31052	DATA COMMUNICATION	24	33	3
15BJ1A0560	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	24	3
15BJ1A0560	RT31054	DATABASE MANAGEMENT SYSTEMS	19	11	0
15BJ1A0560	RT31055	OPERATING SYSTEMS	21	28	3
15BJ1A0560	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A0560	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	39	2
15BJ1A0560	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
15BJ1A0560	RT31059	SEMINAR	42	0	1
15BJ1A0561	RT31051	COMPILER DESIGN	26	45	3
15BJ1A0561	RT31052	DATA COMMUNICATION	25	29	3
15BJ1A0561	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	49	3
15BJ1A0561	RT31054	DATABASE MANAGEMENT SYSTEMS	16	37	3
15BJ1A0561	RT31055	OPERATING SYSTEMS	24	50	3
15BJ1A0561	RT31056	COMPILER DESIGN LAB	23	48	2
15BJ1A0561	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A0561	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0561	RT31059	SEMINAR	46	0	1
15BJ1A0562	RT31051	COMPILER DESIGN	24	39	3
15BJ1A0562	RT31052	DATA COMMUNICATION	22	29	3
15BJ1A0562	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	12	0
15BJ1A0562	RT31054	DATABASE MANAGEMENT SYSTEMS	19	30	3
15BJ1A0562	RT31055	OPERATING SYSTEMS	26	17	0
15BJ1A0562	RT31056	COMPILER DESIGN LAB	23	49	2
15BJ1A0562	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	49	2
15BJ1A0562	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	50	2
15BJ1A0562	RT31059	SEMINAR	46	0	1
15BJ1A0563	RT31051	COMPILER DESIGN	26	27	3
15BJ1A0563	RT31052	DATA COMMUNICATION	23	27	3
15BJ1A0563	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	31	3
15BJ1A0563	RT31054	DATABASE MANAGEMENT SYSTEMS	20	34	3
15BJ1A0563	RT31055	OPERATING SYSTEMS	25	36	3
15BJ1A0563	RT31056	COMPILER DESIGN LAB	22	49	2
15BJ1A0563	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0563	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	49	2
15BJ1A0563	RT31059	SEMINAR	45	0	1
15BJ1A0564	RT31051	COMPILER DESIGN	25	24	3
15BJ1A0564	RT31052	DATA COMMUNICATION	24	36	3
15BJ1A0564	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	38	3
15BJ1A0564	RT31054	DATABASE MANAGEMENT SYSTEMS	23	17	0
15BJ1A0564	RT31055	OPERATING SYSTEMS	27	25	3
15BJ1A0564	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0564	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A0564	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0564	RT31059	SEMINAR	46	0	1
15BJ1A0565	RT31051	COMPILER DESIGN	25	34	3
15BJ1A0565	RT31052	DATA COMMUNICATION	27	17	0
15BJ1A0565	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	49	3
15BJ1A0565	RT31054	DATABASE MANAGEMENT SYSTEMS	22	43	3
15BJ1A0565	RT31055	OPERATING SYSTEMS	25	29	3
15BJ1A0565	RT31056	COMPILER DESIGN LAB	22	48	2
15BJ1A0565	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15BJ1A0565	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
15BJ1A0565	RT31059	SEMINAR	47	0	1
15BJ1A0566	RT31051	COMPILER DESIGN	22	30	3
15BJ1A0566	RT31052	DATA COMMUNICATION	23	12	0
15BJ1A0566	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	12	0
15BJ1A0566	RT31054	DATABASE MANAGEMENT SYSTEMS	18	31	3
15BJ1A0566	RT31055	OPERATING SYSTEMS	21	7	0
15BJ1A0566	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0566	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15BJ1A0566	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	49	2
15BJ1A0566	RT31059	SEMINAR	47	0	1
15BJ1A0567	RT31051	COMPILER DESIGN	21	14	0
15BJ1A0567	RT31052	DATA COMMUNICATION	21	14	0
15BJ1A0567	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	31	3
15BJ1A0567	RT31054	DATABASE MANAGEMENT SYSTEMS	19	12	0
15BJ1A0567	RT31055	OPERATING SYSTEMS	18	25	3
15BJ1A0567	RT31056	COMPILER DESIGN LAB	21	48	2
15BJ1A0567	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
15BJ1A0567	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	48	2
15BJ1A0567	RT31059	SEMINAR	46	0	1
15BJ1A0568	RT31051	COMPILER DESIGN	17	10	0
15BJ1A0568	RT31052	DATA COMMUNICATION	23	24	3
15BJ1A0568	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	33	3
15BJ1A0568	RT31054	DATABASE MANAGEMENT SYSTEMS	18	4	0
15BJ1A0568	RT31055	OPERATING SYSTEMS	22	26	3
15BJ1A0568	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A0568	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0568	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	48	2
15BJ1A0568	RT31059	SEMINAR	47	0	1
15BJ1A0569	RT31051	COMPILER DESIGN	25	35	3
15BJ1A0569	RT31052	DATA COMMUNICATION	24	24	3
15BJ1A0569	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0569	RT31054	DATABASE MANAGEMENT SYSTEMS	20	36	3
15BJ1A0569	RT31055	OPERATING SYSTEMS	24	24	3
15BJ1A0569	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A0569	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	49	2
15BJ1A0569	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
15BJ1A0569	RT31059	SEMINAR	48	0	1
15BJ1A0570	RT31051	COMPILER DESIGN	23	47	3
15BJ1A0570	RT31052	DATA COMMUNICATION	23	14	0
15BJ1A0570	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	36	3
15BJ1A0570	RT31054	DATABASE MANAGEMENT SYSTEMS	22	50	3
15BJ1A0570	RT31055	OPERATING SYSTEMS	23	12	0
15BJ1A0570	RT31056	COMPILER DESIGN LAB	15	38	2
15BJ1A0570	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	39	2
15BJ1A0570	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	38	2
15BJ1A0570	RT31059	SEMINAR	43	0	1
15BJ1A0572	RT31051	COMPILER DESIGN	29	26	3
15BJ1A0572	RT31052	DATA COMMUNICATION	30	26	3
15BJ1A0572	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
15BJ1A0572	RT31054	DATABASE MANAGEMENT SYSTEMS	25	30	3
15BJ1A0572	RT31055	OPERATING SYSTEMS	29	40	3
15BJ1A0572	RT31056	COMPILER DESIGN LAB	25	50	2
15BJ1A0572	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
15BJ1A0572	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15BJ1A0572	RT31059	SEMINAR	50	0	1
15BJ1A0573	RT31051	COMPILER DESIGN	19	8	0
15BJ1A0573	RT31052	DATA COMMUNICATION	25	24	3
15BJ1A0573	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	34	3
15BJ1A0573	RT31054	DATABASE MANAGEMENT SYSTEMS	17	12	0
15BJ1A0573	RT31055	OPERATING SYSTEMS	21	25	3
15BJ1A0573	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A0573	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15BJ1A0573	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	49	2
15BJ1A0573	RT31059	SEMINAR	46	0	1
15BJ1A0574	RT31051	COMPILER DESIGN	15	27	3
15BJ1A0574	RT31052	DATA COMMUNICATION	25	27	3
15BJ1A0574	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	52	3
15BJ1A0574	RT31054	DATABASE MANAGEMENT SYSTEMS	15	25	3
15BJ1A0574	RT31055	OPERATING SYSTEMS	22	27	3
15BJ1A0574	RT31056	COMPILER DESIGN LAB	18	43	2
15BJ1A0574	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0574	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	40	2
15BJ1A0574	RT31059	SEMINAR	45	0	1
15BJ1A0577	RT31051	COMPILER DESIGN	18	24	3
15BJ1A0577	RT31052	DATA COMMUNICATION	19	17	0
15BJ1A0577	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	13	0
15BJ1A0577	RT31054	DATABASE MANAGEMENT SYSTEMS	16	34	3
15BJ1A0577	RT31055	OPERATING SYSTEMS	18	7	0
15BJ1A0577	RT31056	COMPILER DESIGN LAB	19	44	2
15BJ1A0577	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0577	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	44	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0577	RT31059	SEMINAR	46	0	1
15BJ1A0579	RT31051	COMPILER DESIGN	26	17	0
15BJ1A0579	RT31052	DATA COMMUNICATION	22	27	3
15BJ1A0579	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	38	3
15BJ1A0579	RT31054	DATABASE MANAGEMENT SYSTEMS	17	37	3
15BJ1A0579	RT31055	OPERATING SYSTEMS	27	35	3
15BJ1A0579	RT31056	COMPILER DESIGN LAB	18	48	2
15BJ1A0579	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	48	2
15BJ1A0579	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0579	RT31059	SEMINAR	45	0	1
15BJ1A0581	RT31051	COMPILER DESIGN	19	11	0
15BJ1A0581	RT31052	DATA COMMUNICATION	20	31	3
15BJ1A0581	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	36	3
15BJ1A0581	RT31054	DATABASE MANAGEMENT SYSTEMS	16	8	0
15BJ1A0581	RT31055	OPERATING SYSTEMS	22	24	3
15BJ1A0581	RT31056	COMPILER DESIGN LAB	19	44	2
15BJ1A0581	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	43	2
15BJ1A0581	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	37	2
15BJ1A0581	RT31059	SEMINAR	45	0	1
15BJ1A0582	RT31051	COMPILER DESIGN	21	13	0
15BJ1A0582	RT31052	DATA COMMUNICATION	22	27	3
15BJ1A0582	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	49	3
15BJ1A0582	RT31054	DATABASE MANAGEMENT SYSTEMS	17	31	3
15BJ1A0582	RT31055	OPERATING SYSTEMS	24	9	0
15BJ1A0582	RT31056	COMPILER DESIGN LAB	19	45	2
15BJ1A0582	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15BJ1A0582	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	42	2
15BJ1A0582	RT31059	SEMINAR	45	0	1
15BJ1A0583	RT31051	COMPILER DESIGN	21	32	3
15BJ1A0583	RT31052	DATA COMMUNICATION	19	16	0
15BJ1A0583	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	8	0
15BJ1A0583	RT31054	DATABASE MANAGEMENT SYSTEMS	16	15	0
15BJ1A0583	RT31055	OPERATING SYSTEMS	18	12	0
15BJ1A0583	RT31056	COMPILER DESIGN LAB	17	42	2
15BJ1A0583	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
15BJ1A0583	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	36	2
15BJ1A0583	RT31059	SEMINAR	46	0	1
15BJ1A0584	RT31051	COMPILER DESIGN	23	24	3
15BJ1A0584	RT31052	DATA COMMUNICATION	24	25	3
15BJ1A0584	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	18	0
15BJ1A0584	RT31054	DATABASE MANAGEMENT SYSTEMS	21	59	3
15BJ1A0584	RT31055	OPERATING SYSTEMS	22	2	0
15BJ1A0584	RT31056	COMPILER DESIGN LAB	20	46	2
15BJ1A0584	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0584	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	42	2
15BJ1A0584	RT31059	SEMINAR	47	0	1
15BJ1A0585	RT31051	COMPILER DESIGN	25	11	0
15BJ1A0585	RT31052	DATA COMMUNICATION	26	50	3
15BJ1A0585	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	33	3
15BJ1A0585	RT31054	DATABASE MANAGEMENT SYSTEMS	17	17	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0585	RT31055	OPERATING SYSTEMS	24	27	3
15BJ1A0585	RT31056	COMPILER DESIGN LAB	17	47	2
15BJ1A0585	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0585	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	48	2
15BJ1A0585	RT31059	SEMINAR	45	0	1
15BJ1A0587	RT31051	COMPILER DESIGN	18	16	0
15BJ1A0587	RT31052	DATA COMMUNICATION	25	14	0
15BJ1A0587	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	47	3
15BJ1A0587	RT31054	DATABASE MANAGEMENT SYSTEMS	18	0	0
15BJ1A0587	RT31055	OPERATING SYSTEMS	19	6	0
15BJ1A0587	RT31056	COMPILER DESIGN LAB	17	42	2
15BJ1A0587	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	39	2
15BJ1A0587	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	42	2
15BJ1A0587	RT31059	SEMINAR	44	0	1
15BJ1A0588	RT31051	COMPILER DESIGN	23	48	3
15BJ1A0588	RT31052	DATA COMMUNICATION	26	28	3
15BJ1A0588	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	37	3
15BJ1A0588	RT31054	DATABASE MANAGEMENT SYSTEMS	16	49	3
15BJ1A0588	RT31055	OPERATING SYSTEMS	28	41	3
15BJ1A0588	RT31056	COMPILER DESIGN LAB	22	49	2
15BJ1A0588	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A0588	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15BJ1A0588	RT31059	SEMINAR	47	0	1
15BJ1A0589	RT31051	COMPILER DESIGN	22	14	0
15BJ1A0589	RT31052	DATA COMMUNICATION	26	25	3
15BJ1A0589	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	16	0
15BJ1A0589	RT31054	DATABASE MANAGEMENT SYSTEMS	19	29	3
15BJ1A0589	RT31055	OPERATING SYSTEMS	21	24	3
15BJ1A0589	RT31056	COMPILER DESIGN LAB	18	48	2
15BJ1A0589	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	48	2
15BJ1A0589	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A0589	RT31059	SEMINAR	45	0	1
15BJ1A0590	RT31051	COMPILER DESIGN	20	4	0
15BJ1A0590	RT31052	DATA COMMUNICATION	27	35	3
15BJ1A0590	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	31	3
15BJ1A0590	RT31054	DATABASE MANAGEMENT SYSTEMS	15	8	0
15BJ1A0590	RT31055	OPERATING SYSTEMS	23	26	3
15BJ1A0590	RT31056	COMPILER DESIGN LAB	16	41	2
15BJ1A0590	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0590	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	36	2
15BJ1A0590	RT31059	SEMINAR	47	0	1
15BJ1A0592	RT31051	COMPILER DESIGN	20	29	3
15BJ1A0592	RT31052	DATA COMMUNICATION	24	14	0
15BJ1A0592	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	54	3
15BJ1A0592	RT31054	DATABASE MANAGEMENT SYSTEMS	19	29	3
15BJ1A0592	RT31055	OPERATING SYSTEMS	21	32	3
15BJ1A0592	RT31056	COMPILER DESIGN LAB	19	42	2
15BJ1A0592	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A0592	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	36	2
15BJ1A0592	RT31059	SEMINAR	45	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0593	RT31051	COMPILER DESIGN	17	30	3
15BJ1A0593	RT31052	DATA COMMUNICATION	22	29	3
15BJ1A0593	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	2	0
15BJ1A0593	RT31054	DATABASE MANAGEMENT SYSTEMS	14	8	0
15BJ1A0593	RT31055	OPERATING SYSTEMS	14	11	0
15BJ1A0593	RT31056	COMPILER DESIGN LAB	17	44	2
15BJ1A0593	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15BJ1A0593	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	40	2
15BJ1A0593	RT31059	SEMINAR	45	0	1
15BJ1A0595	RT31051	COMPILER DESIGN	20	9	0
15BJ1A0595	RT31052	DATA COMMUNICATION	20	5	0
15BJ1A0595	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	13	0
15BJ1A0595	RT31054	DATABASE MANAGEMENT SYSTEMS	13	3	0
15BJ1A0595	RT31055	OPERATING SYSTEMS	17	0	0
15BJ1A0595	RT31056	COMPILER DESIGN LAB	16	40	2
15BJ1A0595	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
15BJ1A0595	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	35	2
15BJ1A0595	RT31059	SEMINAR	46	0	1
15BJ1A0596	RT31051	COMPILER DESIGN	20	14	0
15BJ1A0596	RT31052	DATA COMMUNICATION	24	35	3
15BJ1A0596	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	25	3
15BJ1A0596	RT31054	DATABASE MANAGEMENT SYSTEMS	16	5	0
15BJ1A0596	RT31055	OPERATING SYSTEMS	21	27	3
15BJ1A0596	RT31056	COMPILER DESIGN LAB	17	48	2
15BJ1A0596	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	48	2
15BJ1A0596	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	44	2
15BJ1A0596	RT31059	SEMINAR	46	0	1
15BJ1A0597	RT31051	COMPILER DESIGN	11	8	0
15BJ1A0597	RT31052	DATA COMMUNICATION	21	4	0
15BJ1A0597	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	18	0
15BJ1A0597	RT31054	DATABASE MANAGEMENT SYSTEMS	15	2	0
15BJ1A0597	RT31055	OPERATING SYSTEMS	13	0	0
15BJ1A0597	RT31056	COMPILER DESIGN LAB	16	-1	0
15BJ1A0597	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15BJ1A0597	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	38	2
15BJ1A0597	RT31059	SEMINAR	45	0	1
15BJ1A0598	RT31051	COMPILER DESIGN	19	2	0
15BJ1A0598	RT31052	DATA COMMUNICATION	24	16	0
15BJ1A0598	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	2	0
15BJ1A0598	RT31054	DATABASE MANAGEMENT SYSTEMS	14	13	0
15BJ1A0598	RT31055	OPERATING SYSTEMS	19	9	0
15BJ1A0598	RT31056	COMPILER DESIGN LAB	19	48	2
15BJ1A0598	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A0598	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	48	2
15BJ1A0598	RT31059	SEMINAR	47	0	1
15BJ1A05A2	RT31051	COMPILER DESIGN	18	24	3
15BJ1A05A2	RT31052	DATA COMMUNICATION	21	26	3
15BJ1A05A2	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	12	0
15BJ1A05A2	RT31054	DATABASE MANAGEMENT SYSTEMS	15	36	3
15BJ1A05A2	RT31055	OPERATING SYSTEMS	17	5	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05A2	RT31056	COMPILER DESIGN LAB	19	47	2
15BJ1A05A2	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
15BJ1A05A2	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A05A2	RT31059	SEMINAR	44	0	1
15BJ1A05A3	RT31051	COMPILER DESIGN	24	11	0
15BJ1A05A3	RT31052	DATA COMMUNICATION	22	39	3
15BJ1A05A3	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	38	3
15BJ1A05A3	RT31054	DATABASE MANAGEMENT SYSTEMS	19	5	0
15BJ1A05A3	RT31055	OPERATING SYSTEMS	20	28	3
15BJ1A05A3	RT31056	COMPILER DESIGN LAB	20	49	2
15BJ1A05A3	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	49	2
15BJ1A05A3	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
15BJ1A05A3	RT31059	SEMINAR	48	0	1
15BJ1A05A4	RT31051	COMPILER DESIGN	23	24	3
15BJ1A05A4	RT31052	DATA COMMUNICATION	21	18	0
15BJ1A05A4	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	15	32	3
15BJ1A05A4	RT31054	DATABASE MANAGEMENT SYSTEMS	16	24	3
15BJ1A05A4	RT31055	OPERATING SYSTEMS	23	9	0
15BJ1A05A4	RT31056	COMPILER DESIGN LAB	19	48	2
15BJ1A05A4	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A05A4	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A05A4	RT31059	SEMINAR	48	0	1
15BJ1A05A5	RT31051	COMPILER DESIGN	17	0	0
15BJ1A05A5	RT31052	DATA COMMUNICATION	22	6	0
15BJ1A05A5	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	15	14	0
15BJ1A05A5	RT31054	DATABASE MANAGEMENT SYSTEMS	12	14	0
15BJ1A05A5	RT31055	OPERATING SYSTEMS	17	10	0
15BJ1A05A5	RT31056	COMPILER DESIGN LAB	18	46	2
15BJ1A05A5	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A05A5	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	35	2
15BJ1A05A5	RT31059	SEMINAR	47	0	1
15BJ1A05A6	RT31051	COMPILER DESIGN	24	15	0
15BJ1A05A6	RT31052	DATA COMMUNICATION	21	11	0
15BJ1A05A6	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	18	0
15BJ1A05A6	RT31054	DATABASE MANAGEMENT SYSTEMS	15	33	3
15BJ1A05A6	RT31055	OPERATING SYSTEMS	18	17	0
15BJ1A05A6	RT31056	COMPILER DESIGN LAB	19	48	2
15BJ1A05A6	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A05A6	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	48	2
15BJ1A05A6	RT31059	SEMINAR	47	0	1
15BJ1A05A7	RT31051	COMPILER DESIGN	19	10	0
15BJ1A05A7	RT31052	DATA COMMUNICATION	21	33	3
15BJ1A05A7	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	34	3
15BJ1A05A7	RT31054	DATABASE MANAGEMENT SYSTEMS	14	10	0
15BJ1A05A7	RT31055	OPERATING SYSTEMS	17	25	3
15BJ1A05A7	RT31056	COMPILER DESIGN LAB	18	43	2
15BJ1A05A7	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15BJ1A05A7	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	40	2
15BJ1A05A7	RT31059	SEMINAR	48	0	1
15BJ1A05A8	RT31051	COMPILER DESIGN	15	1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05A8	RT31052	DATA COMMUNICATION	19	7	0
15BJ1A05A8	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	14	28	3
15BJ1A05A8	RT31054	DATABASE MANAGEMENT SYSTEMS	9	0	0
15BJ1A05A8	RT31055	OPERATING SYSTEMS	17	0	0
15BJ1A05A8	RT31056	COMPILER DESIGN LAB	14	38	2
15BJ1A05A8	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	46	2
15BJ1A05A8	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	36	2
15BJ1A05A8	RT31059	SEMINAR	45	0	1
15BJ1A05A9	RT31051	COMPILER DESIGN	21	42	3
15BJ1A05A9	RT31052	DATA COMMUNICATION	27	17	0
15BJ1A05A9	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
15BJ1A05A9	RT31054	DATABASE MANAGEMENT SYSTEMS	17	31	3
15BJ1A05A9	RT31055	OPERATING SYSTEMS	25	7	0
15BJ1A05A9	RT31056	COMPILER DESIGN LAB	19	44	2
15BJ1A05A9	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15BJ1A05A9	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	40	2
15BJ1A05A9	RT31059	SEMINAR	44	0	1
15BJ1A05B0	RT31051	COMPILER DESIGN	24	24	3
15BJ1A05B0	RT31052	DATA COMMUNICATION	25	26	3
15BJ1A05B0	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	17	0
15BJ1A05B0	RT31054	DATABASE MANAGEMENT SYSTEMS	18	34	3
15BJ1A05B0	RT31055	OPERATING SYSTEMS	26	14	0
15BJ1A05B0	RT31056	COMPILER DESIGN LAB	21	47	2
15BJ1A05B0	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A05B0	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
15BJ1A05B0	RT31059	SEMINAR	46	0	1
15BJ1A05B1	RT31051	COMPILER DESIGN	28	18	0
15BJ1A05B1	RT31052	DATA COMMUNICATION	24	42	3
15BJ1A05B1	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	37	3
15BJ1A05B1	RT31054	DATABASE MANAGEMENT SYSTEMS	17	28	3
15BJ1A05B1	RT31055	OPERATING SYSTEMS	26	42	3
15BJ1A05B1	RT31056	COMPILER DESIGN LAB	23	48	2
15BJ1A05B1	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A05B1	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15BJ1A05B1	RT31059	SEMINAR	47	0	1
15BJ1A05B3	RT31051	COMPILER DESIGN	19	37	3
15BJ1A05B3	RT31052	DATA COMMUNICATION	25	33	3
15BJ1A05B3	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	39	3
15BJ1A05B3	RT31054	DATABASE MANAGEMENT SYSTEMS	20	32	3
15BJ1A05B3	RT31055	OPERATING SYSTEMS	21	30	3
15BJ1A05B3	RT31056	COMPILER DESIGN LAB	15	44	2
15BJ1A05B3	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A05B3	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
15BJ1A05B3	RT31059	SEMINAR	47	0	1
15BJ1A05B4	RT31051	COMPILER DESIGN	16	17	0
15BJ1A05B4	RT31052	DATA COMMUNICATION	23	6	0
15BJ1A05B4	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	4	0
15BJ1A05B4	RT31054	DATABASE MANAGEMENT SYSTEMS	16	30	3
15BJ1A05B4	RT31055	OPERATING SYSTEMS	22	7	0
15BJ1A05B4	RT31056	COMPILER DESIGN LAB	17	42	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05B4	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15BJ1A05B4	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	40	2
15BJ1A05B4	RT31059	SEMINAR	44	0	1
15BJ1A05B5	RT31051	COMPILER DESIGN	16	0	0
15BJ1A05B5	RT31052	DATA COMMUNICATION	25	4	0
15BJ1A05B5	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	0	0
15BJ1A05B5	RT31054	DATABASE MANAGEMENT SYSTEMS	11	2	0
15BJ1A05B5	RT31055	OPERATING SYSTEMS	17	8	0
15BJ1A05B5	RT31056	COMPILER DESIGN LAB	18	42	2
15BJ1A05B5	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
15BJ1A05B5	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	36	2
15BJ1A05B5	RT31059	SEMINAR	47	0	1
15BJ1A05B7	RT31051	COMPILER DESIGN	20	4	0
15BJ1A05B7	RT31052	DATA COMMUNICATION	22	35	3
15BJ1A05B7	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	24	3
15BJ1A05B7	RT31054	DATABASE MANAGEMENT SYSTEMS	18	6	0
15BJ1A05B7	RT31055	OPERATING SYSTEMS	21	14	0
15BJ1A05B7	RT31056	COMPILER DESIGN LAB	17	46	2
15BJ1A05B7	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15BJ1A05B7	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	48	2
15BJ1A05B7	RT31059	SEMINAR	46	0	1
15BJ1A05B9	RT31051	COMPILER DESIGN	13	13	0
15BJ1A05B9	RT31052	DATA COMMUNICATION	17	2	0
15BJ1A05B9	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	13	44	3
15BJ1A05B9	RT31054	DATABASE MANAGEMENT SYSTEMS	12	28	3
15BJ1A05B9	RT31055	OPERATING SYSTEMS	16	7	0
15BJ1A05B9	RT31056	COMPILER DESIGN LAB	16	40	2
15BJ1A05B9	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	39	2
15BJ1A05B9	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	35	2
15BJ1A05B9	RT31059	SEMINAR	43	0	1
15BJ1A05C2	RT31051	COMPILER DESIGN	25	49	3
15BJ1A05C2	RT31052	DATA COMMUNICATION	25	27	3
15BJ1A05C2	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	27	3
15BJ1A05C2	RT31054	DATABASE MANAGEMENT SYSTEMS	25	44	3
15BJ1A05C2	RT31055	OPERATING SYSTEMS	25	17	0
15BJ1A05C2	RT31056	COMPILER DESIGN LAB	20	48	2
15BJ1A05C2	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
15BJ1A05C2	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
15BJ1A05C2	RT31059	SEMINAR	45	0	1
15BJ1A05C3	RT31051	COMPILER DESIGN	23	24	3
15BJ1A05C3	RT31052	DATA COMMUNICATION	26	25	3
15BJ1A05C3	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	24	3
15BJ1A05C3	RT31054	DATABASE MANAGEMENT SYSTEMS	16	36	3
15BJ1A05C3	RT31055	OPERATING SYSTEMS	23	30	3
15BJ1A05C3	RT31056	COMPILER DESIGN LAB	18	45	2
15BJ1A05C3	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15BJ1A05C3	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
15BJ1A05C3	RT31059	SEMINAR	46	0	1
15BJ1A05C7	RT31051	COMPILER DESIGN	17	7	0
15BJ1A05C7	RT31052	DATA COMMUNICATION	20	13	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05C7	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	24	3
15BJ1A05C7	RT31054	DATABASE MANAGEMENT SYSTEMS	12	10	0
15BJ1A05C7	RT31055	OPERATING SYSTEMS	15	20	0
15BJ1A05C7	RT31056	COMPILER DESIGN LAB	16	45	2
15BJ1A05C7	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
15BJ1A05C7	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
15BJ1A05C7	RT31059	SEMINAR	45	0	1
15BJ1A05C9	RT31051	COMPILER DESIGN	23	12	0
15BJ1A05C9	RT31052	DATA COMMUNICATION	23	31	3
15BJ1A05C9	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	47	3
15BJ1A05C9	RT31054	DATABASE MANAGEMENT SYSTEMS	15	38	3
15BJ1A05C9	RT31055	OPERATING SYSTEMS	27	18	0
15BJ1A05C9	RT31056	COMPILER DESIGN LAB	16	49	2
15BJ1A05C9	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15BJ1A05C9	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	48	2
15BJ1A05C9	RT31059	SEMINAR	47	0	1
15BJ1A05D0	RT31051	COMPILER DESIGN	21	30	3
15BJ1A05D0	RT31052	DATA COMMUNICATION	21	16	0
15BJ1A05D0	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	11	0
15BJ1A05D0	RT31054	DATABASE MANAGEMENT SYSTEMS	4	11	0
15BJ1A05D0	RT31055	OPERATING SYSTEMS	13	6	0
15BJ1A05D0	RT31056	COMPILER DESIGN LAB	16	41	2
15BJ1A05D0	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
15BJ1A05D0	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	-1	0
15BJ1A05D0	RT31059	SEMINAR	46	0	1
15BJ1A05D2	RT31051	COMPILER DESIGN	22	18	0
15BJ1A05D2	RT31052	DATA COMMUNICATION	20	27	3
15BJ1A05D2	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	18	0
15BJ1A05D2	RT31054	DATABASE MANAGEMENT SYSTEMS	11	32	3
15BJ1A05D2	RT31055	OPERATING SYSTEMS	17	32	3
15BJ1A05D2	RT31056	COMPILER DESIGN LAB	16	41	2
15BJ1A05D2	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15BJ1A05D2	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	40	2
15BJ1A05D2	RT31059	SEMINAR	45	0	1
15BJ5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	20	42	3
15BJ5A0101	RT31012	STRUCTURAL ANALYSIS-II	25	18	0
15BJ5A0102	RT31011	GEOTECHNICAL ENGINEERING-I	19	16	0
15BJ5A0107	RT31011	GEOTECHNICAL ENGINEERING-I	7	19	0
15BJ5A0108	RT31015	TRANSPORTATION ENGINEERING-I	24	20	0
15BJ5A0109	RT31011	GEOTECHNICAL ENGINEERING-I	16	0	0
15BJ5A0109	RT31015	TRANSPORTATION ENGINEERING-I	21	42	3
15BJ5A0114	RT31012	STRUCTURAL ANALYSIS-II	27	40	3
15BJ5A0116	RT31011	GEOTECHNICAL ENGINEERING-I	16	20	0
15BJ5A0116	RT31015	TRANSPORTATION ENGINEERING-I	18	31	3
15BJ5A0118	RT31012	STRUCTURAL ANALYSIS-II	19	29	3
15BJ5A0118	RT31015	TRANSPORTATION ENGINEERING-I	23	40	3
15BJ5A0119	RT31011	GEOTECHNICAL ENGINEERING-I	20	0	0
15BJ5A0119	RT31012	STRUCTURAL ANALYSIS-II	27	29	3
15BJ5A0119	RT31015	TRANSPORTATION ENGINEERING-I	24	15	0
15BJ5A0120	RT31011	GEOTECHNICAL ENGINEERING-I	19	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0120	RT31015	TRANSPORTATION ENGINEERING-I	26	-1	0
15BJ5A0121	RT31011	GEOTECHNICAL ENGINEERING-I	15	10	0
15BJ5A0121	RT31012	STRUCTURAL ANALYSIS-II	19	22	0
15BJ5A0121	RT31015	TRANSPORTATION ENGINEERING-I	19	15	0
15BJ5A0201	RT31025	POWER ELECTRONICS	26	38	3
15BJ5A0208	RT31024	ELECTRICAL MACHINES-III	6	12	0
15BJ5A0212	RT31021	ELECTRICAL MEASUREMENTS	23	12	0
15BJ5A0212	RT31025	POWER ELECTRONICS	26	24	3
15BJ5A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	8	0
15BJ5A0216	RT31016	IPR & PATENTS	13	11	0
15BJ5A0216	RT31021	ELECTRICAL MEASUREMENTS	15	12	0
15BJ5A0216	RT31023	POWER SYSTEMS-II	18	17	0
15BJ5A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	8	0	0
15BJ5A0217	RT31021	ELECTRICAL MEASUREMENTS	20	12	0
15BJ5A0217	RT31023	POWER SYSTEMS-II	20	8	0
15BJ5A0217	RT31024	ELECTRICAL MACHINES-III	21	36	3
15BJ5A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	14	0	0
15BJ5A0219	RT31025	POWER ELECTRONICS	25	14	0
15BJ5A0304	RT31035	THERMAL ENGINEERING-II	26	30	3
15BJ5A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	14	10	0
15BJ5A0305	RT31035	THERMAL ENGINEERING-II	23	33	3
15BJ5A0305	RT31036	METROLOGY	23	31	3
15BJ5A0305	RT31038	MACHINE TOOLS LAB	20	39	2
15BJ5A0306	RT31031	DYNAMICS OF MACHINERY	16	0	0
15BJ5A0306	RT31032	METAL CUTTING & MACHINE TOOLS	16	5	0
15BJ5A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	14	7	0
15BJ5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	28	3
15BJ5A0306	RT31035	THERMAL ENGINEERING-II	21	11	0
15BJ5A0306	RT31036	METROLOGY	23	12	0
15BJ5A0307	RT31035	THERMAL ENGINEERING-II	23	43	3
15BJ5A0308	RT31035	THERMAL ENGINEERING-II	23	30	3
15BJ5A0319	RT31031	DYNAMICS OF MACHINERY	22	24	3
15BJ5A0319	RT31035	THERMAL ENGINEERING-II	24	33	3
15BJ5A0328	RT31035	THERMAL ENGINEERING-II	24	11	0
15BJ5A0329	RT31031	DYNAMICS OF MACHINERY	20	36	3
15BJ5A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	18	14	0
15BJ5A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	38	3
15BJ5A0330	RT31031	DYNAMICS OF MACHINERY	25	34	3
15BJ5A0403	RT31041	PULSE & DIGITAL CIRCUITS	20	15	0
15BJ5A0405	RT31041	PULSE & DIGITAL CIRCUITS	20	0	0
15BJ5A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	13	0
15BJ5A0405	RT31043	CONTROL SYSTEMS	20	5	0
15BJ5A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	4	0
15BJ5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	16	16	0
15BJ5A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	44	3
15BJ5A0408	RT31043	CONTROL SYSTEMS	22	33	3
15BJ5A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	29	3
15BJ5A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	27	3
15BJ5A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	36	3
15BJ5A0416	RT31043	CONTROL SYSTEMS	17	11	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	16	27	3
15BJ5A0417	RT31041	PULSE & DIGITAL CIRCUITS	13	4	0
15BJ5A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	8	14	0
15BJ5A0417	RT31043	CONTROL SYSTEMS	18	16	0
15BJ5A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	12	0
15BJ5A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	17	29	3
15BJ5A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	32	3
15BJ5A0505	RT31052	DATA COMMUNICATION	22	40	3
16BJ5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
16BJ5A0101	RT31012	STRUCTURAL ANALYSIS-II	23	43	3
16BJ5A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	34	3
16BJ5A0101	RT31014	ENGINEERING GEOLOGY	18	39	3
16BJ5A0101	RT31015	TRANSPORTATION ENGINEERING-I	28	34	3
16BJ5A0101	RT31016	IPR & PATENTS	20	35	2
16BJ5A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
16BJ5A0101	RT31018	ENGINEERING GEOLOGY LAB	24	49	2
16BJ5A0102	RT31011	GEOTECHNICAL ENGINEERING-I	17	10	0
16BJ5A0102	RT31012	STRUCTURAL ANALYSIS-II	24	38	3
16BJ5A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	29	3
16BJ5A0102	RT31014	ENGINEERING GEOLOGY	20	17	0
16BJ5A0102	RT31015	TRANSPORTATION ENGINEERING-I	23	11	0
16BJ5A0102	RT31016	IPR & PATENTS	26	11	0
16BJ5A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	24	49	2
16BJ5A0102	RT31018	ENGINEERING GEOLOGY LAB	20	45	2
16BJ5A0103	RT31011	GEOTECHNICAL ENGINEERING-I	19	14	0
16BJ5A0103	RT31012	STRUCTURAL ANALYSIS-II	26	24	3
16BJ5A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	40	3
16BJ5A0103	RT31014	ENGINEERING GEOLOGY	25	25	3
16BJ5A0103	RT31015	TRANSPORTATION ENGINEERING-I	26	33	3
16BJ5A0103	RT31016	IPR & PATENTS	26	24	2
16BJ5A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	21	46	2
16BJ5A0103	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
16BJ5A0104	RT31011	GEOTECHNICAL ENGINEERING-I	25	17	0
16BJ5A0104	RT31012	STRUCTURAL ANALYSIS-II	24	30	3
16BJ5A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	39	3
16BJ5A0104	RT31014	ENGINEERING GEOLOGY	26	32	3
16BJ5A0104	RT31015	TRANSPORTATION ENGINEERING-I	27	26	3
16BJ5A0104	RT31016	IPR & PATENTS	23	33	2
16BJ5A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	23	49	2
16BJ5A0104	RT31018	ENGINEERING GEOLOGY LAB	24	49	2
16BJ5A0105	RT31011	GEOTECHNICAL ENGINEERING-I	21	25	3
16BJ5A0105	RT31012	STRUCTURAL ANALYSIS-II	23	32	3
16BJ5A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	31	3
16BJ5A0105	RT31014	ENGINEERING GEOLOGY	19	10	0
16BJ5A0105	RT31015	TRANSPORTATION ENGINEERING-I	23	24	3
16BJ5A0105	RT31016	IPR & PATENTS	23	28	2
16BJ5A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	22	48	2
16BJ5A0105	RT31018	ENGINEERING GEOLOGY LAB	24	50	2
16BJ5A0106	RT31011	GEOTECHNICAL ENGINEERING-I	19	24	3
16BJ5A0106	RT31012	STRUCTURAL ANALYSIS-II	20	56	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	39	3
16BJ5A0106	RT31014	ENGINEERING GEOLOGY	12	28	3
16BJ5A0106	RT31015	TRANSPORTATION ENGINEERING-I	20	18	0
16BJ5A0106	RT31016	IPR & PATENTS	23	26	2
16BJ5A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	22	43	2
16BJ5A0106	RT31018	ENGINEERING GEOLOGY LAB	18	42	2
16BJ5A0108	RT31011	GEOTECHNICAL ENGINEERING-I	17	0	0
16BJ5A0108	RT31012	STRUCTURAL ANALYSIS-II	20	6	0
16BJ5A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	16	0
16BJ5A0108	RT31014	ENGINEERING GEOLOGY	15	27	3
16BJ5A0108	RT31015	TRANSPORTATION ENGINEERING-I	22	31	3
16BJ5A0108	RT31016	IPR & PATENTS	25	29	2
16BJ5A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	17	39	2
16BJ5A0108	RT31018	ENGINEERING GEOLOGY LAB	19	42	2
16BJ5A0110	RT31011	GEOTECHNICAL ENGINEERING-I	23	15	0
16BJ5A0110	RT31012	STRUCTURAL ANALYSIS-II	23	36	3
16BJ5A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	48	3
16BJ5A0110	RT31014	ENGINEERING GEOLOGY	20	27	3
16BJ5A0110	RT31015	TRANSPORTATION ENGINEERING-I	27	27	3
16BJ5A0110	RT31016	IPR & PATENTS	23	45	2
16BJ5A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	21	45	2
16BJ5A0110	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
16BJ5A0111	RT31011	GEOTECHNICAL ENGINEERING-I	15	13	0
16BJ5A0111	RT31012	STRUCTURAL ANALYSIS-II	23	25	3
16BJ5A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	31	3
16BJ5A0111	RT31014	ENGINEERING GEOLOGY	17	11	0
16BJ5A0111	RT31015	TRANSPORTATION ENGINEERING-I	25	32	3
16BJ5A0111	RT31016	IPR & PATENTS	24	36	2
16BJ5A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	19	40	2
16BJ5A0111	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
16BJ5A0112	RT31011	GEOTECHNICAL ENGINEERING-I	16	0	0
16BJ5A0112	RT31012	STRUCTURAL ANALYSIS-II	20	42	3
16BJ5A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	27	3
16BJ5A0112	RT31014	ENGINEERING GEOLOGY	16	34	3
16BJ5A0112	RT31015	TRANSPORTATION ENGINEERING-I	23	24	3
16BJ5A0112	RT31016	IPR & PATENTS	27	40	2
16BJ5A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	19	41	2
16BJ5A0112	RT31018	ENGINEERING GEOLOGY LAB	18	43	2
16BJ5A0113	RT31011	GEOTECHNICAL ENGINEERING-I	5	-1	0
16BJ5A0113	RT31012	STRUCTURAL ANALYSIS-II	4	-1	0
16BJ5A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	-1	0
16BJ5A0113	RT31014	ENGINEERING GEOLOGY	5	-1	0
16BJ5A0113	RT31015	TRANSPORTATION ENGINEERING-I	3	-1	0
16BJ5A0113	RT31016	IPR & PATENTS	4	-1	0
16BJ5A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	14	-1	0
16BJ5A0113	RT31018	ENGINEERING GEOLOGY LAB	15	-1	0
16BJ5A0114	RT31011	GEOTECHNICAL ENGINEERING-I	3	-1	0
16BJ5A0114	RT31012	STRUCTURAL ANALYSIS-II	5	-1	0
16BJ5A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	-1	0
16BJ5A0114	RT31014	ENGINEERING GEOLOGY	4	-1	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0114	RT31015	TRANSPORTATION ENGINEERING-I	3	-1	0
16BJ5A0114	RT31016	IPR & PATENTS	4	-1	0
16BJ5A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16BJ5A0114	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0
16BJ5A0117	RT31011	GEOTECHNICAL ENGINEERING-I	5	0	0
16BJ5A0117	RT31012	STRUCTURAL ANALYSIS-II	20	24	3
16BJ5A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	23	0
16BJ5A0117	RT31014	ENGINEERING GEOLOGY	15	15	0
16BJ5A0117	RT31015	TRANSPORTATION ENGINEERING-I	21	28	3
16BJ5A0117	RT31016	IPR & PATENTS	7	33	2
16BJ5A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16BJ5A0117	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0
16BJ5A0119	RT31011	GEOTECHNICAL ENGINEERING-I	15	25	3
16BJ5A0119	RT31012	STRUCTURAL ANALYSIS-II	20	45	3
16BJ5A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	33	3
16BJ5A0119	RT31014	ENGINEERING GEOLOGY	17	24	3
16BJ5A0119	RT31015	TRANSPORTATION ENGINEERING-I	19	17	0
16BJ5A0119	RT31016	IPR & PATENTS	20	31	2
16BJ5A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
16BJ5A0119	RT31018	ENGINEERING GEOLOGY LAB	19	44	2
16BJ5A0120	RT31011	GEOTECHNICAL ENGINEERING-I	16	7	0
16BJ5A0120	RT31012	STRUCTURAL ANALYSIS-II	23	6	0
16BJ5A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	33	3
16BJ5A0120	RT31014	ENGINEERING GEOLOGY	14	18	0
16BJ5A0120	RT31015	TRANSPORTATION ENGINEERING-I	22	30	3
16BJ5A0120	RT31016	IPR & PATENTS	21	29	2
16BJ5A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	21	47	2
16BJ5A0120	RT31018	ENGINEERING GEOLOGY LAB	19	44	2
16BJ5A0201	RT31016	IPR & PATENTS	22	37	2
16BJ5A0201	RT31021	ELECTRICAL MEASUREMENTS	23	42	3
16BJ5A0201	RT31022	MEFA	21	12	0
16BJ5A0201	RT31023	POWER SYSTEMS-II	28	48	3
16BJ5A0201	RT31024	ELECTRICAL MACHINES-III	23	18	0
16BJ5A0201	RT31025	POWER ELECTRONICS	18	24	3
16BJ5A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	33	3
16BJ5A0201	RT31027	ELECTRICAL MACHINES-II LAB	19	39	2
16BJ5A0201	RT31028	CONTROL SYSTEMS LAB	18	38	2
16BJ5A0202	RT31016	IPR & PATENTS	27	28	2
16BJ5A0202	RT31021	ELECTRICAL MEASUREMENTS	26	31	3
16BJ5A0202	RT31022	MEFA	26	51	3
16BJ5A0202	RT31023	POWER SYSTEMS-II	29	33	3
16BJ5A0202	RT31024	ELECTRICAL MACHINES-III	27	27	3
16BJ5A0202	RT31025	POWER ELECTRONICS	28	46	3
16BJ5A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	14	0
16BJ5A0202	RT31027	ELECTRICAL MACHINES-II LAB	23	49	2
16BJ5A0202	RT31028	CONTROL SYSTEMS LAB	23	49	2
16BJ5A0203	RT31016	IPR & PATENTS	25	47	2
16BJ5A0203	RT31021	ELECTRICAL MEASUREMENTS	28	31	3
16BJ5A0203	RT31022	MEFA	27	57	3
16BJ5A0203	RT31023	POWER SYSTEMS-II	29	38	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0203	RT31024	ELECTRICAL MACHINES-III	28	17	0
16BJ5A0203	RT31025	POWER ELECTRONICS	28	26	3
16BJ5A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	7	0
16BJ5A0203	RT31027	ELECTRICAL MACHINES-II LAB	23	49	2
16BJ5A0203	RT31028	CONTROL SYSTEMS LAB	23	49	2
16BJ5A0204	RT31016	IPR & PATENTS	24	39	2
16BJ5A0204	RT31021	ELECTRICAL MEASUREMENTS	18	26	3
16BJ5A0204	RT31022	MEFA	24	38	3
16BJ5A0204	RT31023	POWER SYSTEMS-II	28	3	0
16BJ5A0204	RT31024	ELECTRICAL MACHINES-III	26	31	3
16BJ5A0204	RT31025	POWER ELECTRONICS	26	10	0
16BJ5A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	28	3
16BJ5A0204	RT31027	ELECTRICAL MACHINES-II LAB	20	42	2
16BJ5A0204	RT31028	CONTROL SYSTEMS LAB	21	44	2
16BJ5A0205	RT31016	IPR & PATENTS	24	28	2
16BJ5A0205	RT31021	ELECTRICAL MEASUREMENTS	18	32	3
16BJ5A0205	RT31022	MEFA	23	3	0
16BJ5A0205	RT31023	POWER SYSTEMS-II	28	40	3
16BJ5A0205	RT31024	ELECTRICAL MACHINES-III	26	24	3
16BJ5A0205	RT31025	POWER ELECTRONICS	28	12	0
16BJ5A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	18	0
16BJ5A0205	RT31027	ELECTRICAL MACHINES-II LAB	20	41	2
16BJ5A0205	RT31028	CONTROL SYSTEMS LAB	22	44	2
16BJ5A0206	RT31016	IPR & PATENTS	23	29	2
16BJ5A0206	RT31021	ELECTRICAL MEASUREMENTS	26	34	3
16BJ5A0206	RT31022	MEFA	26	46	3
16BJ5A0206	RT31023	POWER SYSTEMS-II	21	27	3
16BJ5A0206	RT31024	ELECTRICAL MACHINES-III	27	24	3
16BJ5A0206	RT31025	POWER ELECTRONICS	20	38	3
16BJ5A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	11	0
16BJ5A0206	RT31027	ELECTRICAL MACHINES-II LAB	20	41	2
16BJ5A0206	RT31028	CONTROL SYSTEMS LAB	20	40	2
16BJ5A0207	RT31016	IPR & PATENTS	24	42	2
16BJ5A0207	RT31021	ELECTRICAL MEASUREMENTS	28	31	3
16BJ5A0207	RT31022	MEFA	29	45	3
16BJ5A0207	RT31023	POWER SYSTEMS-II	29	39	3
16BJ5A0207	RT31024	ELECTRICAL MACHINES-III	24	11	0
16BJ5A0207	RT31025	POWER ELECTRONICS	28	17	0
16BJ5A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	14	0
16BJ5A0207	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
16BJ5A0207	RT31028	CONTROL SYSTEMS LAB	24	49	2
16BJ5A0208	RT31016	IPR & PATENTS	26	28	2
16BJ5A0208	RT31021	ELECTRICAL MEASUREMENTS	26	24	3
16BJ5A0208	RT31022	MEFA	20	38	3
16BJ5A0208	RT31023	POWER SYSTEMS-II	26	32	3
16BJ5A0208	RT31024	ELECTRICAL MACHINES-III	26	44	3
16BJ5A0208	RT31025	POWER ELECTRONICS	27	17	0
16BJ5A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	11	0
16BJ5A0208	RT31027	ELECTRICAL MACHINES-II LAB	19	40	2
16BJ5A0208	RT31028	CONTROL SYSTEMS LAB	18	40	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0209	RT31016	IPR & PATENTS	27	34	2
16BJ5A0209	RT31021	ELECTRICAL MEASUREMENTS	29	48	3
16BJ5A0209	RT31022	MEFA	29	24	3
16BJ5A0209	RT31023	POWER SYSTEMS-II	29	48	3
16BJ5A0209	RT31024	ELECTRICAL MACHINES-III	27	40	3
16BJ5A0209	RT31025	POWER ELECTRONICS	28	15	0
16BJ5A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	33	3
16BJ5A0209	RT31027	ELECTRICAL MACHINES-II LAB	22	44	2
16BJ5A0209	RT31028	CONTROL SYSTEMS LAB	23	45	2
16BJ5A0210	RT31016	IPR & PATENTS	25	27	2
16BJ5A0210	RT31021	ELECTRICAL MEASUREMENTS	21	12	0
16BJ5A0210	RT31022	MEFA	22	42	3
16BJ5A0210	RT31023	POWER SYSTEMS-II	24	27	3
16BJ5A0210	RT31024	ELECTRICAL MACHINES-III	23	26	3
16BJ5A0210	RT31025	POWER ELECTRONICS	28	38	3
16BJ5A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	11	0
16BJ5A0210	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
16BJ5A0210	RT31028	CONTROL SYSTEMS LAB	21	44	2
16BJ5A0211	RT31016	IPR & PATENTS	23	39	2
16BJ5A0211	RT31021	ELECTRICAL MEASUREMENTS	17	31	3
16BJ5A0211	RT31022	MEFA	16	55	3
16BJ5A0211	RT31023	POWER SYSTEMS-II	21	33	3
16BJ5A0211	RT31024	ELECTRICAL MACHINES-III	21	9	0
16BJ5A0211	RT31025	POWER ELECTRONICS	22	15	0
16BJ5A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	24	3
16BJ5A0211	RT31027	ELECTRICAL MACHINES-II LAB	21	41	2
16BJ5A0211	RT31028	CONTROL SYSTEMS LAB	20	41	2
16BJ5A0212	RT31016	IPR & PATENTS	25	30	2
16BJ5A0212	RT31021	ELECTRICAL MEASUREMENTS	17	15	0
16BJ5A0212	RT31022	MEFA	16	32	3
16BJ5A0212	RT31023	POWER SYSTEMS-II	24	7	0
16BJ5A0212	RT31024	ELECTRICAL MACHINES-III	20	29	3
16BJ5A0212	RT31025	POWER ELECTRONICS	21	4	0
16BJ5A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	6	0
16BJ5A0212	RT31027	ELECTRICAL MACHINES-II LAB	7	35	2
16BJ5A0212	RT31028	CONTROL SYSTEMS LAB	7	34	2
16BJ5A0213	RT31016	IPR & PATENTS	26	39	2
16BJ5A0213	RT31021	ELECTRICAL MEASUREMENTS	26	37	3
16BJ5A0213	RT31022	MEFA	24	8	0
16BJ5A0213	RT31023	POWER SYSTEMS-II	30	39	3
16BJ5A0213	RT31024	ELECTRICAL MACHINES-III	26	8	0
16BJ5A0213	RT31025	POWER ELECTRONICS	26	6	0
16BJ5A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	14	0
16BJ5A0213	RT31027	ELECTRICAL MACHINES-II LAB	22	44	2
16BJ5A0213	RT31028	CONTROL SYSTEMS LAB	21	46	2
16BJ5A0214	RT31016	IPR & PATENTS	26	27	2
16BJ5A0214	RT31021	ELECTRICAL MEASUREMENTS	19	52	3
16BJ5A0214	RT31022	MEFA	27	49	3
16BJ5A0214	RT31023	POWER SYSTEMS-II	29	41	3
16BJ5A0214	RT31024	ELECTRICAL MACHINES-III	29	24	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0214	RT31025	POWER ELECTRONICS	26	43	3
16BJ5A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	24	3
16BJ5A0214	RT31027	ELECTRICAL MACHINES-II LAB	23	46	2
16BJ5A0214	RT31028	CONTROL SYSTEMS LAB	20	45	2
16BJ5A0215	RT31016	IPR & PATENTS	23	37	2
16BJ5A0215	RT31021	ELECTRICAL MEASUREMENTS	24	19	0
16BJ5A0215	RT31022	MEFA	24	44	3
16BJ5A0215	RT31023	POWER SYSTEMS-II	28	31	3
16BJ5A0215	RT31024	ELECTRICAL MACHINES-III	22	15	0
16BJ5A0215	RT31025	POWER ELECTRONICS	27	19	0
16BJ5A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	24	3
16BJ5A0215	RT31027	ELECTRICAL MACHINES-II LAB	22	44	2
16BJ5A0215	RT31028	CONTROL SYSTEMS LAB	21	45	2
16BJ5A0216	RT31016	IPR & PATENTS	21	32	2
16BJ5A0216	RT31021	ELECTRICAL MEASUREMENTS	17	31	3
16BJ5A0216	RT31022	MEFA	19	38	3
16BJ5A0216	RT31023	POWER SYSTEMS-II	25	24	3
16BJ5A0216	RT31024	ELECTRICAL MACHINES-III	24	30	3
16BJ5A0216	RT31025	POWER ELECTRONICS	23	11	0
16BJ5A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	14	0
16BJ5A0216	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
16BJ5A0216	RT31028	CONTROL SYSTEMS LAB	22	44	2
16BJ5A0217	RT31016	IPR & PATENTS	22	35	2
16BJ5A0217	RT31021	ELECTRICAL MEASUREMENTS	25	54	3
16BJ5A0217	RT31022	MEFA	23	42	3
16BJ5A0217	RT31023	POWER SYSTEMS-II	27	58	3
16BJ5A0217	RT31024	ELECTRICAL MACHINES-III	27	47	3
16BJ5A0217	RT31025	POWER ELECTRONICS	26	36	3
16BJ5A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	34	3
16BJ5A0217	RT31027	ELECTRICAL MACHINES-II LAB	20	44	2
16BJ5A0217	RT31028	CONTROL SYSTEMS LAB	20	44	2
16BJ5A0218	RT31016	IPR & PATENTS	23	27	2
16BJ5A0218	RT31021	ELECTRICAL MEASUREMENTS	24	38	3
16BJ5A0218	RT31022	MEFA	24	38	3
16BJ5A0218	RT31023	POWER SYSTEMS-II	26	24	3
16BJ5A0218	RT31024	ELECTRICAL MACHINES-III	28	26	3
16BJ5A0218	RT31025	POWER ELECTRONICS	29	29	3
16BJ5A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	30	3
16BJ5A0218	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
16BJ5A0218	RT31028	CONTROL SYSTEMS LAB	21	43	2
16BJ5A0220	RT31016	IPR & PATENTS	8	34	2
16BJ5A0220	RT31021	ELECTRICAL MEASUREMENTS	9	9	0
16BJ5A0220	RT31022	MEFA	14	44	3
16BJ5A0220	RT31023	POWER SYSTEMS-II	10	30	3
16BJ5A0220	RT31024	ELECTRICAL MACHINES-III	18	11	0
16BJ5A0220	RT31025	POWER ELECTRONICS	14	10	0
16BJ5A0220	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	-1	0
16BJ5A0220	RT31027	ELECTRICAL MACHINES-II LAB	18	36	2
16BJ5A0220	RT31028	CONTROL SYSTEMS LAB	17	37	2
16BJ5A0221	RT31016	IPR & PATENTS	26	33	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0221	RT31021	ELECTRICAL MEASUREMENTS	28	47	3
16BJ5A0221	RT31022	MEFA	24	40	3
16BJ5A0221	RT31023	POWER SYSTEMS-II	28	24	3
16BJ5A0221	RT31024	ELECTRICAL MACHINES-III	28	49	3
16BJ5A0221	RT31025	POWER ELECTRONICS	29	26	3
16BJ5A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	41	3
16BJ5A0221	RT31027	ELECTRICAL MACHINES-II LAB	24	50	2
16BJ5A0221	RT31028	CONTROL SYSTEMS LAB	24	50	2
16BJ5A0223	RT31016	IPR & PATENTS	23	24	2
16BJ5A0223	RT31021	ELECTRICAL MEASUREMENTS	23	44	3
16BJ5A0223	RT31022	MEFA	28	24	3
16BJ5A0223	RT31023	POWER SYSTEMS-II	28	46	3
16BJ5A0223	RT31024	ELECTRICAL MACHINES-III	25	24	3
16BJ5A0223	RT31025	POWER ELECTRONICS	30	17	0
16BJ5A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	33	3
16BJ5A0223	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
16BJ5A0223	RT31028	CONTROL SYSTEMS LAB	21	44	2
16BJ5A0224	RT31016	IPR & PATENTS	27	27	2
16BJ5A0224	RT31021	ELECTRICAL MEASUREMENTS	28	46	3
16BJ5A0224	RT31022	MEFA	28	49	3
16BJ5A0224	RT31023	POWER SYSTEMS-II	29	43	3
16BJ5A0224	RT31024	ELECTRICAL MACHINES-III	26	35	3
16BJ5A0224	RT31025	POWER ELECTRONICS	29	40	3
16BJ5A0224	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	36	3
16BJ5A0224	RT31027	ELECTRICAL MACHINES-II LAB	25	50	2
16BJ5A0224	RT31028	CONTROL SYSTEMS LAB	25	50	2
16BJ5A0225	RT31016	IPR & PATENTS	24	40	2
16BJ5A0225	RT31021	ELECTRICAL MEASUREMENTS	13	28	3
16BJ5A0225	RT31022	MEFA	26	41	3
16BJ5A0225	RT31023	POWER SYSTEMS-II	29	24	3
16BJ5A0225	RT31024	ELECTRICAL MACHINES-III	26	11	0
16BJ5A0225	RT31025	POWER ELECTRONICS	23	8	0
16BJ5A0225	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	24	3
16BJ5A0225	RT31027	ELECTRICAL MACHINES-II LAB	20	41	2
16BJ5A0225	RT31028	CONTROL SYSTEMS LAB	20	42	2
16BJ5A0226	RT31016	IPR & PATENTS	3	-1	0
16BJ5A0226	RT31021	ELECTRICAL MEASUREMENTS	9	-1	0
16BJ5A0226	RT31022	MEFA	12	-1	0
16BJ5A0226	RT31023	POWER SYSTEMS-II	7	-1	0
16BJ5A0226	RT31024	ELECTRICAL MACHINES-III	5	-1	0
16BJ5A0226	RT31025	POWER ELECTRONICS	4	-1	0
16BJ5A0226	RT31026	LINEAR & DIGITAL IC APPLICATIONS	6	-1	0
16BJ5A0226	RT31027	ELECTRICAL MACHINES-II LAB	16	-1	0
16BJ5A0226	RT31028	CONTROL SYSTEMS LAB	16	-1	0
16BJ5A0227	RT31016	IPR & PATENTS	23	28	2
16BJ5A0227	RT31021	ELECTRICAL MEASUREMENTS	20	37	3
16BJ5A0227	RT31022	MEFA	17	12	0
16BJ5A0227	RT31023	POWER SYSTEMS-II	24	39	3
16BJ5A0227	RT31024	ELECTRICAL MACHINES-III	26	3	0
16BJ5A0227	RT31025	POWER ELECTRONICS	28	6	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	35	3
16BJ5A0227	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
16BJ5A0227	RT31028	CONTROL SYSTEMS LAB	19	40	2
16BJ5A0228	RT31016	IPR & PATENTS	24	27	2
16BJ5A0228	RT31021	ELECTRICAL MEASUREMENTS	24	28	3
16BJ5A0228	RT31022	MEFA	25	28	3
16BJ5A0228	RT31023	POWER SYSTEMS-II	16	24	3
16BJ5A0228	RT31024	ELECTRICAL MACHINES-III	22	12	0
16BJ5A0228	RT31025	POWER ELECTRONICS	23	36	3
16BJ5A0228	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	13	0
16BJ5A0228	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
16BJ5A0228	RT31028	CONTROL SYSTEMS LAB	19	40	2
16BJ5A0301	RT31016	IPR & PATENTS	25	40	2
16BJ5A0301	RT31031	DYNAMICS OF MACHINERY	24	31	3
16BJ5A0301	RT31032	METAL CUTTING & MACHINE TOOLS	25	63	3
16BJ5A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	19	54	3
16BJ5A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	38	3
16BJ5A0301	RT31035	THERMAL ENGINEERING-II	23	69	3
16BJ5A0301	RT31036	METROLOGY	21	32	3
16BJ5A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
16BJ5A0301	RT31038	MACHINE TOOLS LAB	24	49	2
16BJ5A0302	RT31016	IPR & PATENTS	15	7	0
16BJ5A0302	RT31031	DYNAMICS OF MACHINERY	19	6	0
16BJ5A0302	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
16BJ5A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	16	2	0
16BJ5A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	9	0
16BJ5A0302	RT31035	THERMAL ENGINEERING-II	20	10	0
16BJ5A0302	RT31036	METROLOGY	18	2	0
16BJ5A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
16BJ5A0302	RT31038	MACHINE TOOLS LAB	21	38	2
16BJ5A0303	RT31016	IPR & PATENTS	21	16	0
16BJ5A0303	RT31031	DYNAMICS OF MACHINERY	20	12	0
16BJ5A0303	RT31032	METAL CUTTING & MACHINE TOOLS	19	6	0
16BJ5A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	16	12	0
16BJ5A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	37	3
16BJ5A0303	RT31035	THERMAL ENGINEERING-II	11	29	3
16BJ5A0303	RT31036	METROLOGY	18	33	3
16BJ5A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	19	42	2
16BJ5A0303	RT31038	MACHINE TOOLS LAB	20	38	2
16BJ5A0305	RT31016	IPR & PATENTS	26	24	2
16BJ5A0305	RT31031	DYNAMICS OF MACHINERY	20	24	3
16BJ5A0305	RT31032	METAL CUTTING & MACHINE TOOLS	21	34	3
16BJ5A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
16BJ5A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	39	3
16BJ5A0305	RT31035	THERMAL ENGINEERING-II	20	13	0
16BJ5A0305	RT31036	METROLOGY	15	21	0
16BJ5A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	20	38	2
16BJ5A0305	RT31038	MACHINE TOOLS LAB	20	39	2
16BJ5A0306	RT31016	IPR & PATENTS	24	35	2
16BJ5A0306	RT31031	DYNAMICS OF MACHINERY	21	30	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0306	RT31032	METAL CUTTING & MACHINE TOOLS	20	57	3
16BJ5A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	20	39	3
16BJ5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	37	3
16BJ5A0306	RT31035	THERMAL ENGINEERING-II	20	56	3
16BJ5A0306	RT31036	METROLOGY	25	32	3
16BJ5A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
16BJ5A0306	RT31038	MACHINE TOOLS LAB	24	43	2
16BJ5A0307	RT31016	IPR & PATENTS	21	34	2
16BJ5A0307	RT31031	DYNAMICS OF MACHINERY	20	33	3
16BJ5A0307	RT31032	METAL CUTTING & MACHINE TOOLS	22	30	3
16BJ5A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	23	26	3
16BJ5A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	41	3
16BJ5A0307	RT31035	THERMAL ENGINEERING-II	18	35	3
16BJ5A0307	RT31036	METROLOGY	24	38	3
16BJ5A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
16BJ5A0307	RT31038	MACHINE TOOLS LAB	24	48	2
16BJ5A0308	RT31016	IPR & PATENTS	21	25	2
16BJ5A0308	RT31031	DYNAMICS OF MACHINERY	20	45	3
16BJ5A0308	RT31032	METAL CUTTING & MACHINE TOOLS	23	37	3
16BJ5A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	22	11	0
16BJ5A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	38	3
16BJ5A0308	RT31035	THERMAL ENGINEERING-II	25	33	3
16BJ5A0308	RT31036	METROLOGY	23	46	3
16BJ5A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
16BJ5A0308	RT31038	MACHINE TOOLS LAB	24	48	2
16BJ5A0309	RT31016	IPR & PATENTS	21	18	0
16BJ5A0309	RT31031	DYNAMICS OF MACHINERY	18	28	3
16BJ5A0309	RT31032	METAL CUTTING & MACHINE TOOLS	16	36	3
16BJ5A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	20	4	0
16BJ5A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	27	3
16BJ5A0309	RT31035	THERMAL ENGINEERING-II	21	14	0
16BJ5A0309	RT31036	METROLOGY	22	24	3
16BJ5A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	20	38	2
16BJ5A0309	RT31038	MACHINE TOOLS LAB	22	38	2
16BJ5A0310	RT31016	IPR & PATENTS	20	33	2
16BJ5A0310	RT31031	DYNAMICS OF MACHINERY	20	24	3
16BJ5A0310	RT31032	METAL CUTTING & MACHINE TOOLS	27	42	3
16BJ5A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	23	26	3
16BJ5A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	38	3
16BJ5A0310	RT31035	THERMAL ENGINEERING-II	25	41	3
16BJ5A0310	RT31036	METROLOGY	23	18	0
16BJ5A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
16BJ5A0310	RT31038	MACHINE TOOLS LAB	20	41	2
16BJ5A0311	RT31016	IPR & PATENTS	26	33	2
16BJ5A0311	RT31031	DYNAMICS OF MACHINERY	24	17	0
16BJ5A0311	RT31032	METAL CUTTING & MACHINE TOOLS	21	40	3
16BJ5A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	15	9	0
16BJ5A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	40	3
16BJ5A0311	RT31035	THERMAL ENGINEERING-II	25	24	3
16BJ5A0311	RT31036	METROLOGY	21	49	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	19	42	2
16BJ5A0311	RT31038	MACHINE TOOLS LAB	19	39	2
16BJ5A0312	RT31016	IPR & PATENTS	26	24	2
16BJ5A0312	RT31031	DYNAMICS OF MACHINERY	21	36	3
16BJ5A0312	RT31032	METAL CUTTING & MACHINE TOOLS	24	16	0
16BJ5A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	20	16	0
16BJ5A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	36	3
16BJ5A0312	RT31035	THERMAL ENGINEERING-II	22	35	3
16BJ5A0312	RT31036	METROLOGY	24	30	3
16BJ5A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
16BJ5A0312	RT31038	MACHINE TOOLS LAB	24	44	2
16BJ5A0315	RT31016	IPR & PATENTS	24	30	2
16BJ5A0315	RT31031	DYNAMICS OF MACHINERY	20	30	3
16BJ5A0315	RT31032	METAL CUTTING & MACHINE TOOLS	21	42	3
16BJ5A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	18	24	3
16BJ5A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	52	3
16BJ5A0315	RT31035	THERMAL ENGINEERING-II	20	13	0
16BJ5A0315	RT31036	METROLOGY	21	38	3
16BJ5A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	21	39	2
16BJ5A0315	RT31038	MACHINE TOOLS LAB	21	38	2
16BJ5A0316	RT31016	IPR & PATENTS	19	35	2
16BJ5A0316	RT31031	DYNAMICS OF MACHINERY	21	35	3
16BJ5A0316	RT31032	METAL CUTTING & MACHINE TOOLS	23	52	3
16BJ5A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	20	14	0
16BJ5A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	37	3
16BJ5A0316	RT31035	THERMAL ENGINEERING-II	22	42	3
16BJ5A0316	RT31036	METROLOGY	21	27	3
16BJ5A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
16BJ5A0316	RT31038	MACHINE TOOLS LAB	25	48	2
16BJ5A0317	RT31016	IPR & PATENTS	21	37	2
16BJ5A0317	RT31031	DYNAMICS OF MACHINERY	21	17	0
16BJ5A0317	RT31032	METAL CUTTING & MACHINE TOOLS	22	33	3
16BJ5A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	15	7	0
16BJ5A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	34	3
16BJ5A0317	RT31035	THERMAL ENGINEERING-II	19	32	3
16BJ5A0317	RT31036	METROLOGY	20	9	0
16BJ5A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	18	44	2
16BJ5A0317	RT31038	MACHINE TOOLS LAB	20	40	2
16BJ5A0319	RT31016	IPR & PATENTS	20	24	2
16BJ5A0319	RT31031	DYNAMICS OF MACHINERY	19	34	3
16BJ5A0319	RT31032	METAL CUTTING & MACHINE TOOLS	17	27	3
16BJ5A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	20	8	0
16BJ5A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	28	3
16BJ5A0319	RT31035	THERMAL ENGINEERING-II	18	33	3
16BJ5A0319	RT31036	METROLOGY	15	14	0
16BJ5A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
16BJ5A0319	RT31038	MACHINE TOOLS LAB	21	39	2
16BJ5A0320	RT31016	IPR & PATENTS	23	11	0
16BJ5A0320	RT31031	DYNAMICS OF MACHINERY	20	-1	0
16BJ5A0320	RT31032	METAL CUTTING & MACHINE TOOLS	20	5	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	8	13	0
16BJ5A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	11	19	0
16BJ5A0320	RT31035	THERMAL ENGINEERING-II	16	8	0
16BJ5A0320	RT31036	METROLOGY	21	7	0
16BJ5A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
16BJ5A0320	RT31038	MACHINE TOOLS LAB	20	38	2
16BJ5A0321	RT31016	IPR & PATENTS	20	34	2
16BJ5A0321	RT31031	DYNAMICS OF MACHINERY	13	40	3
16BJ5A0321	RT31032	METAL CUTTING & MACHINE TOOLS	18	44	3
16BJ5A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	11	29	3
16BJ5A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	37	3
16BJ5A0321	RT31035	THERMAL ENGINEERING-II	16	37	3
16BJ5A0321	RT31036	METROLOGY	18	27	3
16BJ5A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	10	45	2
16BJ5A0321	RT31038	MACHINE TOOLS LAB	20	39	2
16BJ5A0401	RT31016	IPR & PATENTS	27	33	2
16BJ5A0401	RT31041	PULSE & DIGITAL CIRCUITS	26	30	3
16BJ5A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	29	3
16BJ5A0401	RT31043	CONTROL SYSTEMS	26	40	3
16BJ5A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	17	0
16BJ5A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	26	28	3
16BJ5A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	47	2
16BJ5A0401	RT31048	LICA LAB	23	47	2
16BJ5A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
16BJ5A0402	RT31016	IPR & PATENTS	23	34	2
16BJ5A0402	RT31041	PULSE & DIGITAL CIRCUITS	22	35	3
16BJ5A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	53	3
16BJ5A0402	RT31043	CONTROL SYSTEMS	24	31	3
16BJ5A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	27	3
16BJ5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	26	31	3
16BJ5A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
16BJ5A0402	RT31048	LICA LAB	23	48	2
16BJ5A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
16BJ5A0403	RT31016	IPR & PATENTS	28	45	2
16BJ5A0403	RT31041	PULSE & DIGITAL CIRCUITS	28	33	3
16BJ5A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	50	3
16BJ5A0403	RT31043	CONTROL SYSTEMS	30	26	3
16BJ5A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	30	62	3
16BJ5A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	29	33	3
16BJ5A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	43	2
16BJ5A0403	RT31048	LICA LAB	25	49	2
16BJ5A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
16BJ5A0404	RT31016	IPR & PATENTS	27	40	2
16BJ5A0404	RT31041	PULSE & DIGITAL CIRCUITS	27	27	3
16BJ5A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	36	3
16BJ5A0404	RT31043	CONTROL SYSTEMS	24	44	3
16BJ5A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	24	3
16BJ5A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	30	24	3
16BJ5A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
16BJ5A0404	RT31048	LICA LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
16BJ5A0405	RT31016	IPR & PATENTS	30	40	2
16BJ5A0405	RT31041	PULSE & DIGITAL CIRCUITS	30	51	3
16BJ5A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	43	3
16BJ5A0405	RT31043	CONTROL SYSTEMS	30	35	3
16BJ5A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	37	3
16BJ5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	30	43	3
16BJ5A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
16BJ5A0405	RT31048	LICA LAB	25	48	2
16BJ5A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
16BJ5A0406	RT31016	IPR & PATENTS	28	25	2
16BJ5A0406	RT31041	PULSE & DIGITAL CIRCUITS	29	30	3
16BJ5A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	52	3
16BJ5A0406	RT31043	CONTROL SYSTEMS	23	40	3
16BJ5A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	27	3
16BJ5A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	28	34	3
16BJ5A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
16BJ5A0406	RT31048	LICA LAB	25	48	2
16BJ5A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	48	2
16BJ5A0408	RT31016	IPR & PATENTS	27	31	2
16BJ5A0408	RT31041	PULSE & DIGITAL CIRCUITS	29	30	3
16BJ5A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	44	3
16BJ5A0408	RT31043	CONTROL SYSTEMS	27	37	3
16BJ5A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	40	3
16BJ5A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	30	38	3
16BJ5A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
16BJ5A0408	RT31048	LICA LAB	25	48	2
16BJ5A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	49	2
16BJ5A0409	RT31016	IPR & PATENTS	23	33	2
16BJ5A0409	RT31041	PULSE & DIGITAL CIRCUITS	20	6	0
16BJ5A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	30	3
16BJ5A0409	RT31043	CONTROL SYSTEMS	20	24	3
16BJ5A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	25	3
16BJ5A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	25	24	3
16BJ5A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
16BJ5A0409	RT31048	LICA LAB	23	43	2
16BJ5A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
16BJ5A0412	RT31016	IPR & PATENTS	24	36	2
16BJ5A0412	RT31041	PULSE & DIGITAL CIRCUITS	21	38	3
16BJ5A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	16	0
16BJ5A0412	RT31043	CONTROL SYSTEMS	17	24	3
16BJ5A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	18	0
16BJ5A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	23	15	0
16BJ5A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
16BJ5A0412	RT31048	LICA LAB	23	44	2
16BJ5A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
16BJ5A0501	RT31051	COMPILER DESIGN	27	29	3
16BJ5A0501	RT31052	DATA COMMUNICATION	28	25	3
16BJ5A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	41	3
16BJ5A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	24	28	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0501	RT31055	OPERATING SYSTEMS	28	32	3
16BJ5A0501	RT31056	COMPILER DESIGN LAB	25	50	2
16BJ5A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
16BJ5A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
16BJ5A0501	RT31059	SEMINAR	50	0	1
16BJ5A0502	RT31051	COMPILER DESIGN	27	41	3
16BJ5A0502	RT31052	DATA COMMUNICATION	27	27	3
16BJ5A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	54	3
16BJ5A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	25	54	3
16BJ5A0502	RT31055	OPERATING SYSTEMS	26	38	3
16BJ5A0502	RT31056	COMPILER DESIGN LAB	25	49	2
16BJ5A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
16BJ5A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
16BJ5A0502	RT31059	SEMINAR	50	0	1
16BJ5A0503	RT31051	COMPILER DESIGN	13	-1	0
16BJ5A0503	RT31052	DATA COMMUNICATION	0	-1	0
16BJ5A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	4	-1	0
16BJ5A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	3	-1	0
16BJ5A0503	RT31055	OPERATING SYSTEMS	3	-1	0
16BJ5A0503	RT31056	COMPILER DESIGN LAB	14	-1	0
16BJ5A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	-1	0
16BJ5A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	15	-1	0
16BJ5A0503	RT31059	SEMINAR	42	0	1
16BJ5A0506	RT31051	COMPILER DESIGN	19	24	3
16BJ5A0506	RT31052	DATA COMMUNICATION	19	35	3
16BJ5A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	13	0
16BJ5A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	18	30	3
16BJ5A0506	RT31055	OPERATING SYSTEMS	19	24	3
16BJ5A0506	RT31056	COMPILER DESIGN LAB	17	42	2
16BJ5A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
16BJ5A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
16BJ5A0506	RT31059	SEMINAR	43	0	1
16BJ5A0507	RT31051	COMPILER DESIGN	22	4	0
16BJ5A0507	RT31052	DATA COMMUNICATION	25	17	0
16BJ5A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	27	3
16BJ5A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	23	0	0
16BJ5A0507	RT31055	OPERATING SYSTEMS	20	26	3
16BJ5A0507	RT31056	COMPILER DESIGN LAB	15	40	2
16BJ5A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	44	2
16BJ5A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
16BJ5A0507	RT31059	SEMINAR	42	0	1
16BJ5A0508	RT31051	COMPILER DESIGN	21	24	3
16BJ5A0508	RT31052	DATA COMMUNICATION	19	12	0
16BJ5A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	33	3
16BJ5A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	17	14	0
16BJ5A0508	RT31055	OPERATING SYSTEMS	19	8	0
16BJ5A0508	RT31056	COMPILER DESIGN LAB	18	43	2
16BJ5A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
16BJ5A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	43	2
16BJ5A0508	RT31059	SEMINAR	46	0	1

**NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 03-01-2018]

**NOTE:2 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

** 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.

N. Mohan Rao

Date:23-12-2017   Controller of Examinations