



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: DMS SVH COLLEGE OF ENGINEERING:3C

Htno	Subcode	Subname	Internal	External	Credits
123C1A0159	R31014	WATER RESOURCES ENGINEERING-I	16	22	0
123C1A0206	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	14	0
123C1A0218	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	11	0
123C1A0218	R31022	ELECTRICAL MEASUREMENT	15	26	4
123C1A0218	R31024	POWER ELECTRONICS	14	26	4
123C1A0218	R31026	LINEAR & DIGITAL IC APPLICATION	15	0	0
123C1A0307	RT31016	IPR & PATENTS	5	24	0
123C1A0307	RT31031	DYNAMICS OF MACHINERY	7	7	0
123C1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	19	7	0
123C1A0309	R31031	FINITE ELEMENT METHODS	18	13	0
123C1A0309	R31033	DYNAMICS OF MACHINERY	17	21	0
123C1A0309	R31036	METAL CUTTING & MACHINE TOOLS	19	5	0
123C1A0322	R31031	FINITE ELEMENT METHODS	21	39	4
123C1A0352	R31031	FINITE ELEMENT METHODS	22	13	0
123C1A0352	R31035	DESIGN OF MACHINE MEMBERS-I	21	28	4
123C1A0443	R31045	ANTENNAS AND WAVE PROPAGATION	13	-1	0
123C1A0449	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	5	18	0
123C1A0451	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	4	13	0
123C1A0451	R31042	DIGITAL IC APPLICATIONS	11	11	0
123C1A0451	R31045	ANTENNAS AND WAVE PROPAGATION	17	9	0
123C1A0451	R31046	DIGITAL COMMUNICATIONS	5	37	4
123C1A0452	R31042	DIGITAL IC APPLICATIONS	16	13	0
123C1A0452	R31043	LINEAR IC APPLICATIONS	7	23	0
123C1A0452	R31045	ANTENNAS AND WAVE PROPAGATION	13	0	0
123C1A0455	R31042	DIGITAL IC APPLICATIONS	10	20	0
123C1A0455	R31043	LINEAR IC APPLICATIONS	16	40	4
123C1A0455	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	13	20	0
123C1A0455	R31045	ANTENNAS AND WAVE PROPAGATION	13	7	0
123C1A0468	R31046	DIGITAL COMMUNICATIONS	6	29	0
123C1A0473	R31046	DIGITAL COMMUNICATIONS	8	42	4
123C1A0474	R31045	ANTENNAS AND WAVE PROPAGATION	10	19	0
123C1A0474	R31046	DIGITAL COMMUNICATIONS	11	32	4
123C1A0475	R31043	LINEAR IC APPLICATIONS	5	37	4
123C1A0475	R31045	ANTENNAS AND WAVE PROPAGATION	12	0	0
123C1A0475	R31046	DIGITAL COMMUNICATIONS	9	46	4
123C1A0479	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	8	18	0
123C1A0479	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	7	20	0
123C1A0479	R31045	ANTENNAS AND WAVE PROPAGATION	8	0	0
123C1A0479	R31046	DIGITAL COMMUNICATIONS	12	34	4
123C1A0486	R31042	DIGITAL IC APPLICATIONS	12	14	0
123C1A0486	R31045	ANTENNAS AND WAVE PROPAGATION	18	17	0
123C1A0486	R31046	DIGITAL COMMUNICATIONS	11	33	4
123C1A0488	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	9	15	0
123C1A0488	R31042	DIGITAL IC APPLICATIONS	10	-1	0

Htno	Subcode	Subname	Internal	External	Credits
123C1A0488	R31043	LINEAR IC APPLICATIONS	10	9	0
123C1A0488	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	9	-1	0
123C1A0488	R31045	ANTENNAS AND WAVE PROPAGATION	8	0	0
123C1A0488	R31046	DIGITAL COMMUNICATIONS	8	16	0
123C1A0489	R31045	ANTENNAS AND WAVE PROPAGATION	13	21	0
123C1A0509	R31051	COMPILER DESIGN	18	13	0
123C1A0520	R31052	COMPUTER NETWORKS	15	21	0
123C1A0520	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	18	0	0
123C1A0527	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	5	0	0
133C1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	15	17	0
133C1A0101	RT31012	STRUCTURAL ANALYSIS-II	12	15	0
133C1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	12	45	3
133C1A0102	RT31014	ENGINEERING GEOLOGY	10	23	0
133C1A0102	RT31016	IPR & PATENTS	23	3	0
133C1A0103	RT31012	STRUCTURAL ANALYSIS-II	9	16	0
133C1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	6	0
133C1A0131	RT31011	GEOTECHNICAL ENGINEERING-I	18	-1	0
133C1A0131	RT31012	STRUCTURAL ANALYSIS-II	12	16	0
133C1A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	13	15	0
133C1A0131	RT31015	TRANSPORTATION ENGINEERING-I	14	-1	0
133C1A0133	RT31011	GEOTECHNICAL ENGINEERING-I	15	7	0
133C1A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	15	0
133C1A0134	RT31011	GEOTECHNICAL ENGINEERING-I	12	28	3
133C1A0144	RT31014	ENGINEERING GEOLOGY	7	28	0
133C1A0152	RT31011	GEOTECHNICAL ENGINEERING-I	14	33	3
133C1A0160	RT31011	GEOTECHNICAL ENGINEERING-I	8	-1	0
133C1A0160	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	5	5	0
133C1A0301	RT31016	IPR & PATENTS	13	25	0
133C1A0301	RT31035	THERMAL ENGINEERING-II	20	22	0
133C1A0303	RT31031	DYNAMICS OF MACHINERY	16	15	0
133C1A0315	RT31035	THERMAL ENGINEERING-II	16	25	3
133C1A0316	RT31031	DYNAMICS OF MACHINERY	8	15	0
133C1A0321	RT31031	DYNAMICS OF MACHINERY	5	6	0
133C1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	11	22	0
133C1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	8	-1	0
133C1A0322	RT31031	DYNAMICS OF MACHINERY	13	7	0
133C1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	23	0
133C1A0327	RT31031	DYNAMICS OF MACHINERY	18	14	0
133C1A0330	RT31031	DYNAMICS OF MACHINERY	10	8	0
133C1A0330	RT31036	METROLOGY	7	4	0
133C1A0332	RT31036	METROLOGY	18	-1	0
133C1A0334	RT31031	DYNAMICS OF MACHINERY	10	6	0
133C1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	17	3	0
133C1A0334	RT31035	THERMAL ENGINEERING-II	21	17	0
133C1A0341	RT31031	DYNAMICS OF MACHINERY	17	8	0
133C1A0348	RT31031	DYNAMICS OF MACHINERY	17	7	0
133C1A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	0	0
133C1A0348	RT31035	THERMAL ENGINEERING-II	21	7	0
133C1A0351	RT31035	THERMAL ENGINEERING-II	19	41	3
133C1A0353	RT31016	IPR & PATENTS	10	27	0

Htno	Subcode	Subname	Internal	External	Credits
133C1A0353	RT31031	DYNAMICS OF MACHINERY	6	0	0
133C1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	11	3	0
133C1A0355	RT31031	DYNAMICS OF MACHINERY	17	0	0
133C1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	14	3	0
133C1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	18	3	0
133C1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	4	0
133C1A0355	RT31035	THERMAL ENGINEERING-II	15	9	0
133C1A0355	RT31036	METROLOGY	16	0	0
133C1A0356	RT31035	THERMAL ENGINEERING-II	16	20	0
133C1A0359	RT31031	DYNAMICS OF MACHINERY	19	0	0
133C1A0362	RT31035	THERMAL ENGINEERING-II	20	14	0
133C1A0364	RT31031	DYNAMICS OF MACHINERY	18	21	0
133C1A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	15	0
133C1A0366	RT31035	THERMAL ENGINEERING-II	15	19	0
133C1A0368	RT31031	DYNAMICS OF MACHINERY	19	6	0
133C1A0368	RT31036	METROLOGY	14	16	0
133C1A0374	RT31035	THERMAL ENGINEERING-II	17	23	0
133C1A0385	RT31031	DYNAMICS OF MACHINERY	10	6	0
133C1A03A0	RT31031	DYNAMICS OF MACHINERY	15	0	0
133C1A03A0	RT31032	METAL CUTTING & MACHINE TOOLS	11	6	0
133C1A03A8	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	15	0
133C1A03B3	RT31031	DYNAMICS OF MACHINERY	18	9	0
133C1A03B3	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	26	3
133C1A03B3	RT31035	THERMAL ENGINEERING-II	23	0	0
133C1A03B3	RT31036	METROLOGY	15	-1	0
133C1A03B4	RT31032	METAL CUTTING & MACHINE TOOLS	23	0	0
133C1A03B4	RT31035	THERMAL ENGINEERING-II	25	8	0
133C1A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	3	0
133C1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	13	0	0
133C1A0440	RT31041	PULSE & DIGITAL CIRCUITS	6	16	0
133C1A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	5	15	0
133C1A0440	RT31043	CONTROL SYSTEMS	14	16	0
133C1A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	7	13	0
133C1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	11	6	0
133C1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	13	8	0
133C1A0452	RT31045	ANTENNAS AND WAVE PROPAGATION	16	28	3
133C1A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	18	31	3
133C1A0465	RT31041	PULSE & DIGITAL CIRCUITS	9	38	3
133C1A0465	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	10	31	3
133C1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	5	7	0
133C1A0502	RT31055	OPERATING SYSTEMS	5	-1	0
133C1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	12	5	0
133C1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	13	31	3
133C1A0515	RT31055	OPERATING SYSTEMS	13	4	0
133C1A0516	RT31051	COMPILER DESIGN	16	10	0
133C1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	6	0
133C1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	11	6	0
133C1A0519	RT31052	DATA COMMUNICATION	17	26	3
133C5A0415	R31045	ANTENNAS AND WAVE PROPAGATION	18	21	0
143C1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	23	22	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	19	19	0
143C1A0111	RT31012	STRUCTURAL ANALYSIS-II	19	3	0
143C1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	7	0
143C1A0111	RT31015	TRANSPORTATION ENGINEERING-I	20	43	3
143C1A0112	RT31012	STRUCTURAL ANALYSIS-II	19	15	0
143C1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	16	0
143C1A0112	RT31015	TRANSPORTATION ENGINEERING-I	22	18	0
143C1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	18	0	0
143C1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	20	0
143C1A0113	RT31015	TRANSPORTATION ENGINEERING-I	20	0	0
143C1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	20	15	0
143C1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	5	0
143C1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	21	34	3
143C1A0117	RT31014	ENGINEERING GEOLOGY	25	24	3
143C1A0117	RT31015	TRANSPORTATION ENGINEERING-I	25	39	3
143C1A0120	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
143C1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	13	0
143C1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	17	24	3
143C1A0124	RT31012	STRUCTURAL ANALYSIS-II	21	14	0
143C1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	20	0
143C1A0124	RT31015	TRANSPORTATION ENGINEERING-I	18	40	3
143C1A0126	RT31011	GEOTECHNICAL ENGINEERING-I	21	-1	0
143C1A0126	RT31014	ENGINEERING GEOLOGY	24	26	3
143C1A0128	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	17	0
143C1A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	7	0
143C1A0131	RT31014	ENGINEERING GEOLOGY	21	2	0
143C1A0131	RT31015	TRANSPORTATION ENGINEERING-I	22	6	0
143C1A0134	RT31011	GEOTECHNICAL ENGINEERING-I	25	33	3
143C1A0134	RT31014	ENGINEERING GEOLOGY	17	24	3
143C1A0134	RT31015	TRANSPORTATION ENGINEERING-I	22	46	3
143C1A0135	RT31011	GEOTECHNICAL ENGINEERING-I	17	13	0
143C1A0135	RT31012	STRUCTURAL ANALYSIS-II	17	5	0
143C1A0135	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	0	0
143C1A0139	RT31011	GEOTECHNICAL ENGINEERING-I	16	5	0
143C1A0139	RT31012	STRUCTURAL ANALYSIS-II	20	1	0
143C1A0139	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	6	0
143C1A0139	RT31014	ENGINEERING GEOLOGY	21	0	0
143C1A0139	RT31015	TRANSPORTATION ENGINEERING-I	21	0	0
143C1A0142	RT31011	GEOTECHNICAL ENGINEERING-I	18	0	0
143C1A0142	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	48	3
143C1A0142	RT31014	ENGINEERING GEOLOGY	20	27	3
143C1A0144	RT31011	GEOTECHNICAL ENGINEERING-I	23	24	3
143C1A0144	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	4	0
143C1A0144	RT31015	TRANSPORTATION ENGINEERING-I	26	27	3
143C1A0149	RT31014	ENGINEERING GEOLOGY	9	16	0
143C1A0149	RT31016	IPR & PATENTS	8	9	0
143C1A0152	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	31	3
143C1A0154	RT31012	STRUCTURAL ANALYSIS-II	17	16	0
143C1A0154	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	33	3
143C1A0202	RT31021	ELECTRICAL MEASUREMENTS	17	15	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0202	RT31024	ELECTRICAL MACHINES-III	25	27	3
143C1A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	24	3
143C1A0203	RT31021	ELECTRICAL MEASUREMENTS	23	17	0
143C1A0203	RT31024	ELECTRICAL MACHINES-III	21	3	0
143C1A0203	RT31025	POWER ELECTRONICS	20	30	3
143C1A0206	RT31023	POWER SYSTEMS-II	26	12	0
143C1A0206	RT31024	ELECTRICAL MACHINES-III	17	18	0
143C1A0206	RT31025	POWER ELECTRONICS	20	13	0
143C1A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	13	0
143C1A0301	RT31031	DYNAMICS OF MACHINERY	9	0	0
143C1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	15	6	0
143C1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	0	0
143C1A0301	RT31035	THERMAL ENGINEERING-II	21	6	0
143C1A0301	RT31036	METROLOGY	23	25	3
143C1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	18	13	0
143C1A0304	RT31035	THERMAL ENGINEERING-II	23	30	3
143C1A0305	RT31031	DYNAMICS OF MACHINERY	16	0	0
143C1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	22	18	0
143C1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	13	0
143C1A0305	RT31035	THERMAL ENGINEERING-II	21	23	0
143C1A0307	RT31031	DYNAMICS OF MACHINERY	22	0	0
143C1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	11	0
143C1A0308	RT31031	DYNAMICS OF MACHINERY	25	29	3
143C1A0308	RT31035	THERMAL ENGINEERING-II	30	19	0
143C1A0310	RT31031	DYNAMICS OF MACHINERY	24	0	0
143C1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	21	0	0
143C1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	11	0
143C1A0310	RT31035	THERMAL ENGINEERING-II	28	0	0
143C1A0310	RT31036	METROLOGY	20	15	0
143C1A0311	RT31031	DYNAMICS OF MACHINERY	25	0	0
143C1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	18	3	0
143C1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	0	0
143C1A0311	RT31035	THERMAL ENGINEERING-II	24	7	0
143C1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	11	0
143C1A0313	RT31035	THERMAL ENGINEERING-II	26	16	0
143C1A0314	RT31031	DYNAMICS OF MACHINERY	25	15	0
143C1A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	24	3
143C1A0314	RT31035	THERMAL ENGINEERING-II	28	30	3
143C1A0315	RT31031	DYNAMICS OF MACHINERY	27	7	0
143C1A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	18	16	0
143C1A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	11	0
143C1A0317	RT31031	DYNAMICS OF MACHINERY	20	9	0
143C1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	22	2	0
143C1A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	21	33	3
143C1A0317	RT31036	METROLOGY	24	11	0
143C1A0318	RT31035	THERMAL ENGINEERING-II	28	42	3
143C1A0322	RT31031	DYNAMICS OF MACHINERY	24	27	3
143C1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	25	24	3
143C1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	29	13	0
143C1A0322	RT31035	THERMAL ENGINEERING-II	30	24	3

Htno	Subcode	Subname	Internal	External	Credits
143C1A0325	RT31031	DYNAMICS OF MACHINERY	18	0	0
143C1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	16	14	0
143C1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	16	6	0
143C1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	0	0
143C1A0325	RT31035	THERMAL ENGINEERING-II	20	0	0
143C1A0326	RT31031	DYNAMICS OF MACHINERY	19	7	0
143C1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	19	10	0
143C1A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	15	12	0
143C1A0326	RT31036	METROLOGY	21	8	0
143C1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	19	12	0
143C1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	21	10	0
143C1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	15	0
143C1A0328	RT31031	DYNAMICS OF MACHINERY	26	16	0
143C1A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	8	31	0
143C1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	22	29	3
143C1A0331	RT31016	IPR & PATENTS	15	31	2
143C1A0331	RT31031	DYNAMICS OF MACHINERY	25	9	0
143C1A0331	RT31032	METAL CUTTING & MACHINE TOOLS	20	12	0
143C1A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	14	36	3
143C1A0331	RT31035	THERMAL ENGINEERING-II	25	7	0
143C1A0332	RT31016	IPR & PATENTS	15	9	0
143C1A0332	RT31031	DYNAMICS OF MACHINERY	11	11	0
143C1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	8	0	0
143C1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	15	5	0
143C1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	0	0
143C1A0332	RT31035	THERMAL ENGINEERING-II	22	-1	0
143C1A0332	RT31036	METROLOGY	21	9	0
143C1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	23	26	3
143C1A0333	RT31035	THERMAL ENGINEERING-II	23	25	3
143C1A0334	RT31031	DYNAMICS OF MACHINERY	21	0	0
143C1A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	12	10	0
143C1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	10	0
143C1A0334	RT31036	METROLOGY	23	0	0
143C1A0335	RT31031	DYNAMICS OF MACHINERY	24	6	0
143C1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	15	26	3
143C1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	17	0
143C1A0335	RT31035	THERMAL ENGINEERING-II	25	11	0
143C1A0335	RT31036	METROLOGY	26	31	3
143C1A0336	RT31031	DYNAMICS OF MACHINERY	24	0	0
143C1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	24	15	0
143C1A0337	RT31031	DYNAMICS OF MACHINERY	16	0	0
143C1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	17	20	0
143C1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	19	2	0
143C1A0337	RT31035	THERMAL ENGINEERING-II	24	9	0
143C1A0337	RT31036	METROLOGY	21	7	0
143C1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	16	12	0
143C1A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	21	36	3
143C1A0342	RT31035	THERMAL ENGINEERING-II	29	29	3
143C1A0343	RT31035	THERMAL ENGINEERING-II	26	25	3
143C1A0347	RT31031	DYNAMICS OF MACHINERY	15	8	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	22	14	0
143C1A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	17	3	0
143C1A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	0	0
143C1A0347	RT31035	THERMAL ENGINEERING-II	25	10	0
143C1A0347	RT31036	METROLOGY	21	3	0
143C1A0348	RT31031	DYNAMICS OF MACHINERY	14	6	0
143C1A0348	RT31032	METAL CUTTING & MACHINE TOOLS	17	9	0
143C1A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	18	3	0
143C1A0352	RT31031	DYNAMICS OF MACHINERY	17	23	0
143C1A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	16	9	0
143C1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	7	0
143C1A0355	RT31031	DYNAMICS OF MACHINERY	12	0	0
143C1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	16	-1	0
143C1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	14	32	3
143C1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	25	27	3
143C1A0357	RT31035	THERMAL ENGINEERING-II	30	23	0
143C1A0358	RT31035	THERMAL ENGINEERING-II	25	24	3
143C1A0359	RT31031	DYNAMICS OF MACHINERY	21	0	0
143C1A0359	RT31032	METAL CUTTING & MACHINE TOOLS	12	21	0
143C1A0359	RT31033	DESIGN OF MACHINE MEMBERS-I	19	15	0
143C1A0360	RT31033	DESIGN OF MACHINE MEMBERS-I	14	5	0
143C1A0360	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	14	0
143C1A0360	RT31035	THERMAL ENGINEERING-II	22	0	0
143C1A0360	RT31036	METROLOGY	15	11	0
143C1A0361	RT31031	DYNAMICS OF MACHINERY	14	10	0
143C1A0361	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
143C1A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	20	0
143C1A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	7	0
143C1A0363	RT31035	THERMAL ENGINEERING-II	23	7	0
143C1A0364	RT31031	DYNAMICS OF MACHINERY	23	28	3
143C1A0364	RT31035	THERMAL ENGINEERING-II	23	33	3
143C1A0364	RT31036	METROLOGY	22	16	0
143C1A0368	RT31035	THERMAL ENGINEERING-II	29	39	3
143C1A0370	RT31031	DYNAMICS OF MACHINERY	15	0	0
143C1A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	18	7	0
143C1A0370	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	3	0
143C1A0374	RT31031	DYNAMICS OF MACHINERY	22	0	0
143C1A0374	RT31032	METAL CUTTING & MACHINE TOOLS	23	4	0
143C1A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	0	0
143C1A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	29	3
143C1A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	13	0
143C1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	23	12	0
143C1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	8	0
143C1A0409	RT31041	PULSE & DIGITAL CIRCUITS	14	11	0
143C1A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	0	0
143C1A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	0	0
143C1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	27	0	0
143C1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	26	19	0
143C1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	26	3
143C1A0431	RT31041	PULSE & DIGITAL CIRCUITS	24	16	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0434	RT31041	PULSE & DIGITAL CIRCUITS	19	15	0
143C1A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	9	0
143C1A0437	RT31016	IPR & PATENTS	11	27	0
143C1A0437	RT31041	PULSE & DIGITAL CIRCUITS	11	5	0
143C1A0437	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	4	0
143C1A0437	RT31043	CONTROL SYSTEMS	18	2	0
143C1A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	5	0
143C1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	17	0	0
143C1A0441	RT31041	PULSE & DIGITAL CIRCUITS	14	11	0
143C1A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	20	0
143C1A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	19	18	0
143C1A0442	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	35	3
143C1A0448	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	36	3
143C1A0449	RT31041	PULSE & DIGITAL CIRCUITS	15	-1	0
143C1A0449	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	-1	0
143C1A0449	RT31045	ANTENNAS AND WAVE PROPAGATION	17	-1	0
143C1A0501	RT31051	COMPILER DESIGN	11	0	0
143C1A0501	RT31052	DATA COMMUNICATION	4	13	0
143C1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	5	0	0
143C1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	0	13	0
143C1A0501	RT31055	OPERATING SYSTEMS	5	9	0
143C1A0501	RT31056	COMPILER DESIGN LAB	15	25	2
143C1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	38	2
143C1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	12	30	2
143C1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	11	0
143C1A0505	RT31051	COMPILER DESIGN	16	5	0
143C1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	17	6	0
143C1A0513	RT31051	COMPILER DESIGN	11	2	0
143C1A0513	RT31052	DATA COMMUNICATION	17	10	0
143C1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	30	3
143C1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	6	0	0
143C1A0513	RT31055	OPERATING SYSTEMS	20	0	0
143C1A0514	RT31051	COMPILER DESIGN	12	28	3
143C1A0514	RT31052	DATA COMMUNICATION	17	33	3
143C1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	6	0	0
143C1A0515	RT31051	COMPILER DESIGN	0	2	0
143C1A0515	RT31052	DATA COMMUNICATION	13	8	0
143C1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	6	35	3
143C1A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	0	14	0
143C1A0515	RT31055	OPERATING SYSTEMS	0	0	0
143C1A0516	RT31051	COMPILER DESIGN	11	8	0
143C1A0516	RT31055	OPERATING SYSTEMS	17	0	0
143C1A0528	RT31051	COMPILER DESIGN	10	11	0
143C1A0528	RT31052	DATA COMMUNICATION	18	27	3
143C1A0528	RT31055	OPERATING SYSTEMS	18	15	0
143C1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	15	25	3
143C1A0536	RT31052	DATA COMMUNICATION	17	33	3
143C1A0540	RT31052	DATA COMMUNICATION	20	37	3
143C1A0540	RT31055	OPERATING SYSTEMS	19	2	0
143C1A0545	RT31052	DATA COMMUNICATION	24	11	0

Htno	Subcode	Subname	Internal	External	Credits
143C5A0305	RT31031	DYNAMICS OF MACHINERY	18	15	0
143C5A0305	RT31035	THERMAL ENGINEERING-II	17	21	0
143C5A0321	RT31031	DYNAMICS OF MACHINERY	21	9	0
143C5A0402	RT31041	PULSE & DIGITAL CIRCUITS	12	3	0
143C5A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	8	12	0
143C5A0402	RT31043	CONTROL SYSTEMS	13	11	0
143C5A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	6	2	0
143C5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	11	2	0
143C5A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	15	9	0
143C5A0405	RT31041	PULSE & DIGITAL CIRCUITS	13	12	0
143C5A0408	RT31041	PULSE & DIGITAL CIRCUITS	12	24	0
143C5A0412	RT31043	CONTROL SYSTEMS	19	17	0
143C5A0428	RT31041	PULSE & DIGITAL CIRCUITS	10	18	0
143C5A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	9	16	0
143C5A0428	RT31043	CONTROL SYSTEMS	24	13	0
143C5A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	16	0
143C5A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	11	8	0
143C5A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	9	16	0
143C5A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	14	30	3
143C5A0432	RT31043	CONTROL SYSTEMS	16	5	0
143C5A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	21	0
143C5A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	13	17	0
143C5A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	12	0	0
143C5A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	12	13	0
143C5A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	13	30	3
143C5A0502	RT31055	OPERATING SYSTEMS	14	7	0
153C1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	23	28	3
153C1A0101	RT31012	STRUCTURAL ANALYSIS-II	25	28	3
153C1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	52	3
153C1A0101	RT31014	ENGINEERING GEOLOGY	21	36	3
153C1A0101	RT31015	TRANSPORTATION ENGINEERING-I	20	66	3
153C1A0101	RT31016	IPR & PATENTS	24	14	0
153C1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	19	38	2
153C1A0101	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0102	RT31011	GEOTECHNICAL ENGINEERING-I	16	44	3
153C1A0102	RT31012	STRUCTURAL ANALYSIS-II	21	45	3
153C1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	54	3
153C1A0102	RT31014	ENGINEERING GEOLOGY	23	43	3
153C1A0102	RT31015	TRANSPORTATION ENGINEERING-I	19	44	3
153C1A0102	RT31016	IPR & PATENTS	24	36	2
153C1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	18	36	2
153C1A0102	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	17	14	0
153C1A0103	RT31012	STRUCTURAL ANALYSIS-II	11	0	0
153C1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	5	6	0
153C1A0103	RT31014	ENGINEERING GEOLOGY	17	5	0
153C1A0103	RT31015	TRANSPORTATION ENGINEERING-I	18	9	0
153C1A0103	RT31016	IPR & PATENTS	9	8	0
153C1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	10	29	2
153C1A0103	RT31018	ENGINEERING GEOLOGY LAB	16	38	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	18	55	3
153C1A0104	RT31012	STRUCTURAL ANALYSIS-II	20	31	3
153C1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	39	3
153C1A0104	RT31014	ENGINEERING GEOLOGY	22	41	3
153C1A0104	RT31015	TRANSPORTATION ENGINEERING-I	22	48	3
153C1A0104	RT31016	IPR & PATENTS	22	36	2
153C1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
153C1A0104	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
153C1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	26	54	3
153C1A0105	RT31012	STRUCTURAL ANALYSIS-II	28	47	3
153C1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	52	3
153C1A0105	RT31014	ENGINEERING GEOLOGY	29	55	3
153C1A0105	RT31015	TRANSPORTATION ENGINEERING-I	30	32	3
153C1A0105	RT31016	IPR & PATENTS	24	39	2
153C1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0105	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
153C1A0106	RT31011	GEOTECHNICAL ENGINEERING-I	20	24	3
153C1A0106	RT31012	STRUCTURAL ANALYSIS-II	26	29	3
153C1A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	45	3
153C1A0106	RT31014	ENGINEERING GEOLOGY	24	28	3
153C1A0106	RT31015	TRANSPORTATION ENGINEERING-I	26	36	3
153C1A0106	RT31016	IPR & PATENTS	17	32	2
153C1A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	15	30	2
153C1A0106	RT31018	ENGINEERING GEOLOGY LAB	18	41	2
153C1A0107	RT31011	GEOTECHNICAL ENGINEERING-I	18	41	3
153C1A0107	RT31012	STRUCTURAL ANALYSIS-II	26	15	0
153C1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	17	0
153C1A0107	RT31014	ENGINEERING GEOLOGY	25	36	3
153C1A0107	RT31015	TRANSPORTATION ENGINEERING-I	24	31	3
153C1A0107	RT31016	IPR & PATENTS	19	10	0
153C1A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0107	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
153C1A0108	RT31011	GEOTECHNICAL ENGINEERING-I	26	36	3
153C1A0108	RT31012	STRUCTURAL ANALYSIS-II	29	40	3
153C1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	46	3
153C1A0108	RT31014	ENGINEERING GEOLOGY	29	52	3
153C1A0108	RT31015	TRANSPORTATION ENGINEERING-I	30	48	3
153C1A0108	RT31016	IPR & PATENTS	26	11	0
153C1A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0108	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
153C1A0109	RT31011	GEOTECHNICAL ENGINEERING-I	16	9	0
153C1A0109	RT31012	STRUCTURAL ANALYSIS-II	19	3	0
153C1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	31	3
153C1A0109	RT31014	ENGINEERING GEOLOGY	21	25	3
153C1A0109	RT31015	TRANSPORTATION ENGINEERING-I	21	5	0
153C1A0109	RT31016	IPR & PATENTS	18	13	0
153C1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	13	26	2
153C1A0109	RT31018	ENGINEERING GEOLOGY LAB	18	40	2
153C1A0110	RT31011	GEOTECHNICAL ENGINEERING-I	25	39	3
153C1A0110	RT31012	STRUCTURAL ANALYSIS-II	25	41	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	29	3
153C1A0110	RT31014	ENGINEERING GEOLOGY	29	36	3
153C1A0110	RT31015	TRANSPORTATION ENGINEERING-I	28	41	3
153C1A0110	RT31016	IPR & PATENTS	25	33	2
153C1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
153C1A0110	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
153C1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	22	46	3
153C1A0111	RT31012	STRUCTURAL ANALYSIS-II	25	38	3
153C1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	58	3
153C1A0111	RT31014	ENGINEERING GEOLOGY	24	40	3
153C1A0111	RT31015	TRANSPORTATION ENGINEERING-I	23	49	3
153C1A0111	RT31016	IPR & PATENTS	25	24	2
153C1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	19	38	2
153C1A0111	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	20	24	3
153C1A0112	RT31012	STRUCTURAL ANALYSIS-II	25	28	3
153C1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	35	3
153C1A0112	RT31014	ENGINEERING GEOLOGY	26	24	3
153C1A0112	RT31015	TRANSPORTATION ENGINEERING-I	26	50	3
153C1A0112	RT31016	IPR & PATENTS	22	10	0
153C1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	19	38	2
153C1A0112	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
153C1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	16	27	3
153C1A0113	RT31012	STRUCTURAL ANALYSIS-II	18	5	0
153C1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	0	0
153C1A0113	RT31014	ENGINEERING GEOLOGY	22	38	3
153C1A0113	RT31015	TRANSPORTATION ENGINEERING-I	22	24	3
153C1A0113	RT31016	IPR & PATENTS	20	26	2
153C1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0113	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
153C1A0114	RT31011	GEOTECHNICAL ENGINEERING-I	21	24	3
153C1A0114	RT31012	STRUCTURAL ANALYSIS-II	24	41	3
153C1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	32	3
153C1A0114	RT31014	ENGINEERING GEOLOGY	22	31	3
153C1A0114	RT31015	TRANSPORTATION ENGINEERING-I	23	45	3
153C1A0114	RT31016	IPR & PATENTS	22	38	2
153C1A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	15	30	2
153C1A0114	RT31018	ENGINEERING GEOLOGY LAB	19	44	2
153C1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	19	50	3
153C1A0115	RT31012	STRUCTURAL ANALYSIS-II	24	17	0
153C1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	16	0
153C1A0115	RT31014	ENGINEERING GEOLOGY	23	28	3
153C1A0115	RT31015	TRANSPORTATION ENGINEERING-I	20	37	3
153C1A0115	RT31016	IPR & PATENTS	23	24	2
153C1A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0115	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
153C1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	19	12	0
153C1A0116	RT31012	STRUCTURAL ANALYSIS-II	21	31	3
153C1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	28	3
153C1A0116	RT31014	ENGINEERING GEOLOGY	20	12	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0116	RT31015	TRANSPORTATION ENGINEERING-I	20	35	3
153C1A0116	RT31016	IPR & PATENTS	16	11	0
153C1A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0116	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	20	33	3
153C1A0117	RT31012	STRUCTURAL ANALYSIS-II	24	35	3
153C1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	39	3
153C1A0117	RT31014	ENGINEERING GEOLOGY	22	26	3
153C1A0117	RT31015	TRANSPORTATION ENGINEERING-I	23	31	3
153C1A0117	RT31016	IPR & PATENTS	23	27	2
153C1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0117	RT31018	ENGINEERING GEOLOGY LAB	18	41	2
153C1A0118	RT31011	GEOTECHNICAL ENGINEERING-I	15	9	0
153C1A0118	RT31012	STRUCTURAL ANALYSIS-II	16	32	3
153C1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	9	0
153C1A0118	RT31014	ENGINEERING GEOLOGY	17	29	3
153C1A0118	RT31015	TRANSPORTATION ENGINEERING-I	14	34	3
153C1A0118	RT31016	IPR & PATENTS	18	36	2
153C1A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	10	29	2
153C1A0118	RT31018	ENGINEERING GEOLOGY LAB	15	38	2
153C1A0119	RT31011	GEOTECHNICAL ENGINEERING-I	27	59	3
153C1A0119	RT31012	STRUCTURAL ANALYSIS-II	25	29	3
153C1A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	43	3
153C1A0119	RT31014	ENGINEERING GEOLOGY	24	36	3
153C1A0119	RT31015	TRANSPORTATION ENGINEERING-I	27	36	3
153C1A0119	RT31016	IPR & PATENTS	25	29	2
153C1A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0119	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
153C1A0120	RT31011	GEOTECHNICAL ENGINEERING-I	18	0	0
153C1A0120	RT31012	STRUCTURAL ANALYSIS-II	23	31	3
153C1A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	31	3
153C1A0120	RT31014	ENGINEERING GEOLOGY	19	11	0
153C1A0120	RT31015	TRANSPORTATION ENGINEERING-I	16	35	3
153C1A0120	RT31016	IPR & PATENTS	17	4	0
153C1A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0120	RT31018	ENGINEERING GEOLOGY LAB	18	41	2
153C1A0121	RT31011	GEOTECHNICAL ENGINEERING-I	20	28	3
153C1A0121	RT31012	STRUCTURAL ANALYSIS-II	21	43	3
153C1A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	38	3
153C1A0121	RT31014	ENGINEERING GEOLOGY	25	36	3
153C1A0121	RT31015	TRANSPORTATION ENGINEERING-I	23	49	3
153C1A0121	RT31016	IPR & PATENTS	23	26	2
153C1A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
153C1A0121	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
153C1A0122	RT31011	GEOTECHNICAL ENGINEERING-I	26	68	3
153C1A0122	RT31012	STRUCTURAL ANALYSIS-II	28	47	3
153C1A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	45	3
153C1A0122	RT31014	ENGINEERING GEOLOGY	28	53	3
153C1A0122	RT31015	TRANSPORTATION ENGINEERING-I	28	42	3
153C1A0122	RT31016	IPR & PATENTS	23	34	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0122	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
153C1A0123	RT31011	GEOTECHNICAL ENGINEERING-I	14	42	3
153C1A0123	RT31012	STRUCTURAL ANALYSIS-II	19	15	0
153C1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	11	0
153C1A0123	RT31014	ENGINEERING GEOLOGY	21	35	3
153C1A0123	RT31015	TRANSPORTATION ENGINEERING-I	20	38	3
153C1A0123	RT31016	IPR & PATENTS	22	24	2
153C1A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	18	36	2
153C1A0123	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
153C1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	19	35	3
153C1A0124	RT31012	STRUCTURAL ANALYSIS-II	24	37	3
153C1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	24	3
153C1A0124	RT31014	ENGINEERING GEOLOGY	23	31	3
153C1A0124	RT31015	TRANSPORTATION ENGINEERING-I	20	46	3
153C1A0124	RT31016	IPR & PATENTS	19	42	2
153C1A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	14	28	2
153C1A0124	RT31018	ENGINEERING GEOLOGY LAB	15	38	2
153C1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	27	36	3
153C1A0125	RT31012	STRUCTURAL ANALYSIS-II	29	51	3
153C1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	64	3
153C1A0125	RT31014	ENGINEERING GEOLOGY	29	43	3
153C1A0125	RT31015	TRANSPORTATION ENGINEERING-I	29	60	3
153C1A0125	RT31016	IPR & PATENTS	24	29	2
153C1A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0125	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
153C1A0127	RT31011	GEOTECHNICAL ENGINEERING-I	21	26	3
153C1A0127	RT31012	STRUCTURAL ANALYSIS-II	20	35	3
153C1A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	47	3
153C1A0127	RT31014	ENGINEERING GEOLOGY	24	33	3
153C1A0127	RT31015	TRANSPORTATION ENGINEERING-I	22	40	3
153C1A0127	RT31016	IPR & PATENTS	16	37	2
153C1A0127	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0127	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
153C1A0129	RT31011	GEOTECHNICAL ENGINEERING-I	18	35	3
153C1A0129	RT31012	STRUCTURAL ANALYSIS-II	22	10	0
153C1A0129	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	16	0
153C1A0129	RT31014	ENGINEERING GEOLOGY	23	31	3
153C1A0129	RT31015	TRANSPORTATION ENGINEERING-I	20	38	3
153C1A0129	RT31016	IPR & PATENTS	24	12	0
153C1A0129	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0129	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
153C1A0130	RT31011	GEOTECHNICAL ENGINEERING-I	26	31	3
153C1A0130	RT31012	STRUCTURAL ANALYSIS-II	30	58	3
153C1A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	67	3
153C1A0130	RT31014	ENGINEERING GEOLOGY	29	53	3
153C1A0130	RT31015	TRANSPORTATION ENGINEERING-I	30	62	3
153C1A0130	RT31016	IPR & PATENTS	27	34	2
153C1A0130	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0130	RT31018	ENGINEERING GEOLOGY LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0131	RT31011	GEOTECHNICAL ENGINEERING-I	18	34	3
153C1A0131	RT31012	STRUCTURAL ANALYSIS-II	24	24	3
153C1A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	52	3
153C1A0131	RT31014	ENGINEERING GEOLOGY	26	24	3
153C1A0131	RT31015	TRANSPORTATION ENGINEERING-I	26	62	3
153C1A0131	RT31016	IPR & PATENTS	22	26	2
153C1A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0131	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0132	RT31011	GEOTECHNICAL ENGINEERING-I	17	26	3
153C1A0132	RT31012	STRUCTURAL ANALYSIS-II	23	45	3
153C1A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	52	3
153C1A0132	RT31014	ENGINEERING GEOLOGY	22	36	3
153C1A0132	RT31015	TRANSPORTATION ENGINEERING-I	25	39	3
153C1A0132	RT31016	IPR & PATENTS	21	39	2
153C1A0132	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
153C1A0132	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
153C1A0133	RT31011	GEOTECHNICAL ENGINEERING-I	18	58	3
153C1A0133	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
153C1A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	33	3
153C1A0133	RT31014	ENGINEERING GEOLOGY	23	17	0
153C1A0133	RT31015	TRANSPORTATION ENGINEERING-I	19	33	3
153C1A0133	RT31016	IPR & PATENTS	20	24	2
153C1A0133	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0133	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0134	RT31011	GEOTECHNICAL ENGINEERING-I	16	26	3
153C1A0134	RT31012	STRUCTURAL ANALYSIS-II	22	33	3
153C1A0134	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	26	3
153C1A0134	RT31014	ENGINEERING GEOLOGY	23	17	0
153C1A0134	RT31015	TRANSPORTATION ENGINEERING-I	22	33	3
153C1A0134	RT31016	IPR & PATENTS	21	11	0
153C1A0134	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0134	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0135	RT31011	GEOTECHNICAL ENGINEERING-I	16	16	0
153C1A0135	RT31012	STRUCTURAL ANALYSIS-II	19	14	0
153C1A0135	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	40	3
153C1A0135	RT31014	ENGINEERING GEOLOGY	23	25	3
153C1A0135	RT31015	TRANSPORTATION ENGINEERING-I	21	40	3
153C1A0135	RT31016	IPR & PATENTS	15	10	0
153C1A0135	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0135	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0136	RT31011	GEOTECHNICAL ENGINEERING-I	28	27	3
153C1A0136	RT31012	STRUCTURAL ANALYSIS-II	28	40	3
153C1A0136	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	48	3
153C1A0136	RT31014	ENGINEERING GEOLOGY	30	34	3
153C1A0136	RT31015	TRANSPORTATION ENGINEERING-I	26	37	3
153C1A0136	RT31016	IPR & PATENTS	26	34	2
153C1A0136	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0136	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
153C1A0137	RT31011	GEOTECHNICAL ENGINEERING-I	24	70	3
153C1A0137	RT31012	STRUCTURAL ANALYSIS-II	26	17	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0137	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	48	3
153C1A0137	RT31014	ENGINEERING GEOLOGY	28	39	3
153C1A0137	RT31015	TRANSPORTATION ENGINEERING-I	29	49	3
153C1A0137	RT31016	IPR & PATENTS	23	26	2
153C1A0137	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0137	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
153C1A0138	RT31011	GEOTECHNICAL ENGINEERING-I	18	8	0
153C1A0138	RT31012	STRUCTURAL ANALYSIS-II	22	35	3
153C1A0138	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	38	3
153C1A0138	RT31014	ENGINEERING GEOLOGY	27	32	3
153C1A0138	RT31015	TRANSPORTATION ENGINEERING-I	22	43	3
153C1A0138	RT31016	IPR & PATENTS	24	44	2
153C1A0138	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
153C1A0138	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0139	RT31011	GEOTECHNICAL ENGINEERING-I	19	8	0
153C1A0139	RT31012	STRUCTURAL ANALYSIS-II	17	6	0
153C1A0139	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	39	3
153C1A0139	RT31014	ENGINEERING GEOLOGY	18	28	3
153C1A0139	RT31015	TRANSPORTATION ENGINEERING-I	18	53	3
153C1A0139	RT31016	IPR & PATENTS	20	28	2
153C1A0139	RT31017	GEOTECHNICAL ENGINEERING LAB	16	32	2
153C1A0139	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
153C1A0141	RT31011	GEOTECHNICAL ENGINEERING-I	19	10	0
153C1A0141	RT31012	STRUCTURAL ANALYSIS-II	16	28	3
153C1A0141	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	29	3
153C1A0141	RT31014	ENGINEERING GEOLOGY	23	29	3
153C1A0141	RT31015	TRANSPORTATION ENGINEERING-I	25	28	3
153C1A0141	RT31016	IPR & PATENTS	18	33	2
153C1A0141	RT31017	GEOTECHNICAL ENGINEERING LAB	18	36	2
153C1A0141	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
153C1A0142	RT31011	GEOTECHNICAL ENGINEERING-I	25	68	3
153C1A0142	RT31012	STRUCTURAL ANALYSIS-II	29	31	3
153C1A0142	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	31	3
153C1A0142	RT31014	ENGINEERING GEOLOGY	28	39	3
153C1A0142	RT31015	TRANSPORTATION ENGINEERING-I	28	38	3
153C1A0142	RT31016	IPR & PATENTS	23	24	2
153C1A0142	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0142	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
153C1A0143	RT31011	GEOTECHNICAL ENGINEERING-I	25	26	3
153C1A0143	RT31012	STRUCTURAL ANALYSIS-II	29	47	3
153C1A0143	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	44	3
153C1A0143	RT31014	ENGINEERING GEOLOGY	27	28	3
153C1A0143	RT31015	TRANSPORTATION ENGINEERING-I	28	50	3
153C1A0143	RT31016	IPR & PATENTS	26	11	0
153C1A0143	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0143	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
153C1A0144	RT31011	GEOTECHNICAL ENGINEERING-I	20	30	3
153C1A0144	RT31012	STRUCTURAL ANALYSIS-II	17	12	0
153C1A0144	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	20	0
153C1A0144	RT31014	ENGINEERING GEOLOGY	20	26	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0144	RT31015	TRANSPORTATION ENGINEERING-I	19	51	3
153C1A0144	RT31016	IPR & PATENTS	20	25	2
153C1A0144	RT31017	GEOTECHNICAL ENGINEERING LAB	19	38	2
153C1A0144	RT31018	ENGINEERING GEOLOGY LAB	19	39	2
153C1A0145	RT31011	GEOTECHNICAL ENGINEERING-I	17	24	3
153C1A0145	RT31012	STRUCTURAL ANALYSIS-II	17	24	3
153C1A0145	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	25	3
153C1A0145	RT31014	ENGINEERING GEOLOGY	21	25	3
153C1A0145	RT31015	TRANSPORTATION ENGINEERING-I	23	27	3
153C1A0145	RT31016	IPR & PATENTS	23	37	2
153C1A0145	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
153C1A0145	RT31018	ENGINEERING GEOLOGY LAB	20	42	2
153C1A0146	RT31011	GEOTECHNICAL ENGINEERING-I	16	50	3
153C1A0146	RT31012	STRUCTURAL ANALYSIS-II	18	24	3
153C1A0146	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	6	0
153C1A0146	RT31014	ENGINEERING GEOLOGY	23	12	0
153C1A0146	RT31015	TRANSPORTATION ENGINEERING-I	21	36	3
153C1A0146	RT31016	IPR & PATENTS	24	24	2
153C1A0146	RT31017	GEOTECHNICAL ENGINEERING LAB	19	38	2
153C1A0146	RT31018	ENGINEERING GEOLOGY LAB	21	43	2
153C1A0147	RT31011	GEOTECHNICAL ENGINEERING-I	22	15	0
153C1A0147	RT31012	STRUCTURAL ANALYSIS-II	24	47	3
153C1A0147	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	39	3
153C1A0147	RT31014	ENGINEERING GEOLOGY	25	42	3
153C1A0147	RT31015	TRANSPORTATION ENGINEERING-I	26	50	3
153C1A0147	RT31016	IPR & PATENTS	24	33	2
153C1A0147	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
153C1A0147	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
153C1A0149	RT31011	GEOTECHNICAL ENGINEERING-I	17	6	0
153C1A0149	RT31012	STRUCTURAL ANALYSIS-II	10	0	0
153C1A0149	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	13	0
153C1A0149	RT31014	ENGINEERING GEOLOGY	19	17	0
153C1A0149	RT31015	TRANSPORTATION ENGINEERING-I	18	44	3
153C1A0149	RT31016	IPR & PATENTS	13	27	2
153C1A0149	RT31017	GEOTECHNICAL ENGINEERING LAB	9	30	2
153C1A0149	RT31018	ENGINEERING GEOLOGY LAB	18	40	2
153C1A0150	RT31011	GEOTECHNICAL ENGINEERING-I	18	0	0
153C1A0150	RT31012	STRUCTURAL ANALYSIS-II	19	36	3
153C1A0150	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	57	3
153C1A0150	RT31014	ENGINEERING GEOLOGY	21	17	0
153C1A0150	RT31015	TRANSPORTATION ENGINEERING-I	20	26	3
153C1A0150	RT31016	IPR & PATENTS	18	30	2
153C1A0150	RT31017	GEOTECHNICAL ENGINEERING LAB	18	36	2
153C1A0150	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
153C1A0151	RT31011	GEOTECHNICAL ENGINEERING-I	26	68	3
153C1A0151	RT31012	STRUCTURAL ANALYSIS-II	30	24	3
153C1A0151	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	49	3
153C1A0151	RT31014	ENGINEERING GEOLOGY	30	41	3
153C1A0151	RT31015	TRANSPORTATION ENGINEERING-I	29	40	3
153C1A0151	RT31016	IPR & PATENTS	26	24	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0151	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
153C1A0151	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
153C1A0153	RT31011	GEOTECHNICAL ENGINEERING-I	16	20	0
153C1A0153	RT31012	STRUCTURAL ANALYSIS-II	17	16	0
153C1A0153	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	13	0
153C1A0153	RT31014	ENGINEERING GEOLOGY	25	29	3
153C1A0153	RT31015	TRANSPORTATION ENGINEERING-I	21	40	3
153C1A0153	RT31016	IPR & PATENTS	22	24	2
153C1A0153	RT31017	GEOTECHNICAL ENGINEERING LAB	14	28	2
153C1A0153	RT31018	ENGINEERING GEOLOGY LAB	18	39	2
153C1A0154	RT31011	GEOTECHNICAL ENGINEERING-I	18	32	3
153C1A0154	RT31012	STRUCTURAL ANALYSIS-II	17	10	0
153C1A0154	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	49	3
153C1A0154	RT31014	ENGINEERING GEOLOGY	20	28	3
153C1A0154	RT31015	TRANSPORTATION ENGINEERING-I	21	55	3
153C1A0154	RT31016	IPR & PATENTS	19	27	2
153C1A0154	RT31017	GEOTECHNICAL ENGINEERING LAB	9	30	2
153C1A0154	RT31018	ENGINEERING GEOLOGY LAB	18	41	2
153C1A0202	RT31016	IPR & PATENTS	14	34	2
153C1A0202	RT31021	ELECTRICAL MEASUREMENTS	16	24	3
153C1A0202	RT31022	MEFA	26	24	3
153C1A0202	RT31023	POWER SYSTEMS-II	24	0	0
153C1A0202	RT31024	ELECTRICAL MACHINES-III	25	19	0
153C1A0202	RT31025	POWER ELECTRONICS	17	27	3
153C1A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	11	0
153C1A0202	RT31027	ELECTRICAL MACHINES-II LAB	23	45	2
153C1A0202	RT31028	CONTROL SYSTEMS LAB	22	44	2
153C1A0203	RT31016	IPR & PATENTS	16	46	2
153C1A0203	RT31021	ELECTRICAL MEASUREMENTS	17	11	0
153C1A0203	RT31022	MEFA	26	15	0
153C1A0203	RT31023	POWER SYSTEMS-II	28	11	0
153C1A0203	RT31024	ELECTRICAL MACHINES-III	24	3	0
153C1A0203	RT31025	POWER ELECTRONICS	17	25	3
153C1A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	8	0
153C1A0203	RT31027	ELECTRICAL MACHINES-II LAB	24	47	2
153C1A0203	RT31028	CONTROL SYSTEMS LAB	24	48	2
153C1A0301	RT31016	IPR & PATENTS	25	52	2
153C1A0301	RT31031	DYNAMICS OF MACHINERY	27	24	3
153C1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	27	28	3
153C1A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	26	45	3
153C1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	51	3
153C1A0301	RT31035	THERMAL ENGINEERING-II	29	40	3
153C1A0301	RT31036	METROLOGY	27	27	3
153C1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
153C1A0301	RT31038	MACHINE TOOLS LAB	23	38	2
153C1A0302	RT31016	IPR & PATENTS	29	45	2
153C1A0302	RT31031	DYNAMICS OF MACHINERY	30	52	3
153C1A0302	RT31032	METAL CUTTING & MACHINE TOOLS	30	45	3
153C1A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	29	39	3
153C1A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	30	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0302	RT31035	THERMAL ENGINEERING-II	28	54	3
153C1A0302	RT31036	METROLOGY	27	38	3
153C1A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0302	RT31038	MACHINE TOOLS LAB	25	46	2
153C1A0303	RT31016	IPR & PATENTS	18	24	2
153C1A0303	RT31031	DYNAMICS OF MACHINERY	27	7	0
153C1A0303	RT31032	METAL CUTTING & MACHINE TOOLS	19	18	0
153C1A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	18	12	0
153C1A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	0	0
153C1A0303	RT31035	THERMAL ENGINEERING-II	23	24	3
153C1A0303	RT31036	METROLOGY	14	11	0
153C1A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
153C1A0303	RT31038	MACHINE TOOLS LAB	24	47	2
153C1A0304	RT31016	IPR & PATENTS	14	41	2
153C1A0304	RT31031	DYNAMICS OF MACHINERY	28	31	3
153C1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	22	9	0
153C1A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	27	14	0
153C1A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	14	0
153C1A0304	RT31035	THERMAL ENGINEERING-II	24	9	0
153C1A0304	RT31036	METROLOGY	22	15	0
153C1A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	22	49	2
153C1A0304	RT31038	MACHINE TOOLS LAB	24	26	2
153C1A0305	RT31016	IPR & PATENTS	23	48	2
153C1A0305	RT31031	DYNAMICS OF MACHINERY	29	28	3
153C1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	28	36	3
153C1A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	27	55	3
153C1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	54	3
153C1A0305	RT31035	THERMAL ENGINEERING-II	26	44	3
153C1A0305	RT31036	METROLOGY	28	42	3
153C1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0305	RT31038	MACHINE TOOLS LAB	25	25	2
153C1A0307	RT31016	IPR & PATENTS	11	35	2
153C1A0307	RT31031	DYNAMICS OF MACHINERY	25	7	0
153C1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	12	13	0
153C1A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	19	25	3
153C1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	30	3
153C1A0307	RT31035	THERMAL ENGINEERING-II	20	24	3
153C1A0307	RT31036	METROLOGY	14	12	0
153C1A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0307	RT31038	MACHINE TOOLS LAB	23	27	2
153C1A0308	RT31016	IPR & PATENTS	18	25	2
153C1A0308	RT31031	DYNAMICS OF MACHINERY	17	18	0
153C1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
153C1A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	26	10	0
153C1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	10	0
153C1A0308	RT31035	THERMAL ENGINEERING-II	22	18	0
153C1A0308	RT31036	METROLOGY	18	25	3
153C1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
153C1A0308	RT31038	MACHINE TOOLS LAB	23	35	2
153C1A0309	RT31016	IPR & PATENTS	14	31	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0309	RT31031	DYNAMICS OF MACHINERY	22	9	0
153C1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	24	13	0
153C1A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	24	9	0
153C1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	9	0
153C1A0309	RT31035	THERMAL ENGINEERING-II	21	0	0
153C1A0309	RT31036	METROLOGY	21	14	0
153C1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0309	RT31038	MACHINE TOOLS LAB	22	38	2
153C1A0310	RT31016	IPR & PATENTS	14	36	2
153C1A0310	RT31031	DYNAMICS OF MACHINERY	22	0	0
153C1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	18	16	0
153C1A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	22	32	3
153C1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	28	3
153C1A0310	RT31035	THERMAL ENGINEERING-II	20	19	0
153C1A0310	RT31036	METROLOGY	19	24	3
153C1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
153C1A0310	RT31038	MACHINE TOOLS LAB	24	36	2
153C1A0311	RT31016	IPR & PATENTS	22	33	2
153C1A0311	RT31031	DYNAMICS OF MACHINERY	19	0	0
153C1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	17	16	0
153C1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	20	16	0
153C1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	28	3
153C1A0311	RT31035	THERMAL ENGINEERING-II	20	28	3
153C1A0311	RT31036	METROLOGY	21	11	0
153C1A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0311	RT31038	MACHINE TOOLS LAB	22	25	2
153C1A0312	RT31016	IPR & PATENTS	21	19	0
153C1A0312	RT31031	DYNAMICS OF MACHINERY	22	13	0
153C1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	26	24	3
153C1A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	24	6	0
153C1A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	9	0
153C1A0312	RT31035	THERMAL ENGINEERING-II	21	12	0
153C1A0312	RT31036	METROLOGY	22	30	3
153C1A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
153C1A0312	RT31038	MACHINE TOOLS LAB	23	45	2
153C1A0313	RT31016	IPR & PATENTS	19	30	2
153C1A0313	RT31031	DYNAMICS OF MACHINERY	20	0	0
153C1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
153C1A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	22	8	0
153C1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	2	0
153C1A0313	RT31035	THERMAL ENGINEERING-II	22	0	0
153C1A0313	RT31036	METROLOGY	16	0	0
153C1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
153C1A0313	RT31038	MACHINE TOOLS LAB	23	35	2
153C1A0315	RT31016	IPR & PATENTS	20	45	2
153C1A0315	RT31031	DYNAMICS OF MACHINERY	18	24	3
153C1A0315	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
153C1A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	27	39	3
153C1A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	39	3
153C1A0315	RT31035	THERMAL ENGINEERING-II	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0315	RT31036	METROLOGY	21	32	3
153C1A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
153C1A0315	RT31038	MACHINE TOOLS LAB	23	25	2
153C1A0316	RT31016	IPR & PATENTS	18	30	2
153C1A0316	RT31031	DYNAMICS OF MACHINERY	22	9	0
153C1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	24	7	0
153C1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	17	24	3
153C1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	14	0
153C1A0316	RT31035	THERMAL ENGINEERING-II	19	12	0
153C1A0316	RT31036	METROLOGY	19	7	0
153C1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
153C1A0316	RT31038	MACHINE TOOLS LAB	22	35	2
153C1A0317	RT31016	IPR & PATENTS	15	3	0
153C1A0317	RT31031	DYNAMICS OF MACHINERY	23	0	0
153C1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	26	8	0
153C1A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	26	6	0
153C1A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	14	0
153C1A0317	RT31035	THERMAL ENGINEERING-II	21	16	0
153C1A0317	RT31036	METROLOGY	17	6	0
153C1A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
153C1A0317	RT31038	MACHINE TOOLS LAB	22	26	2
153C1A0318	RT31016	IPR & PATENTS	21	28	2
153C1A0318	RT31031	DYNAMICS OF MACHINERY	26	6	0
153C1A0318	RT31032	METAL CUTTING & MACHINE TOOLS	26	7	0
153C1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	23	14	0
153C1A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	12	0
153C1A0318	RT31035	THERMAL ENGINEERING-II	19	9	0
153C1A0318	RT31036	METROLOGY	19	29	3
153C1A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0318	RT31038	MACHINE TOOLS LAB	23	37	2
153C1A0319	RT31016	IPR & PATENTS	24	53	2
153C1A0319	RT31031	DYNAMICS OF MACHINERY	25	15	0
153C1A0319	RT31032	METAL CUTTING & MACHINE TOOLS	25	17	0
153C1A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	25	39	3
153C1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	54	3
153C1A0319	RT31035	THERMAL ENGINEERING-II	21	31	3
153C1A0319	RT31036	METROLOGY	20	41	3
153C1A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
153C1A0319	RT31038	MACHINE TOOLS LAB	24	45	2
153C1A0320	RT31016	IPR & PATENTS	21	35	2
153C1A0320	RT31031	DYNAMICS OF MACHINERY	23	24	3
153C1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	23	15	0
153C1A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	23	34	3
153C1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	32	3
153C1A0320	RT31035	THERMAL ENGINEERING-II	18	0	0
153C1A0320	RT31036	METROLOGY	18	24	3
153C1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	22	48	2
153C1A0320	RT31038	MACHINE TOOLS LAB	21	37	2
153C1A0321	RT31016	IPR & PATENTS	15	21	0
153C1A0321	RT31031	DYNAMICS OF MACHINERY	17	10	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	21	24	3
153C1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	8	4	0
153C1A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	27	3
153C1A0321	RT31035	THERMAL ENGINEERING-II	21	24	3
153C1A0321	RT31036	METROLOGY	13	4	0
153C1A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
153C1A0321	RT31038	MACHINE TOOLS LAB	19	35	2
153C1A0322	RT31016	IPR & PATENTS	19	49	2
153C1A0322	RT31031	DYNAMICS OF MACHINERY	20	0	0
153C1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	17	34	3
153C1A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	18	27	3
153C1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	33	3
153C1A0322	RT31035	THERMAL ENGINEERING-II	17	24	3
153C1A0322	RT31036	METROLOGY	19	54	3
153C1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
153C1A0322	RT31038	MACHINE TOOLS LAB	22	46	2
153C1A0323	RT31016	IPR & PATENTS	13	36	2
153C1A0323	RT31031	DYNAMICS OF MACHINERY	22	0	0
153C1A0323	RT31032	METAL CUTTING & MACHINE TOOLS	20	9	0
153C1A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	21	32	3
153C1A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	3	0
153C1A0323	RT31035	THERMAL ENGINEERING-II	18	16	0
153C1A0323	RT31036	METROLOGY	18	9	0
153C1A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
153C1A0323	RT31038	MACHINE TOOLS LAB	20	34	2
153C1A0324	RT31016	IPR & PATENTS	20	24	2
153C1A0324	RT31031	DYNAMICS OF MACHINERY	21	0	0
153C1A0324	RT31032	METAL CUTTING & MACHINE TOOLS	20	15	0
153C1A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	20	9	0
153C1A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	16	0
153C1A0324	RT31035	THERMAL ENGINEERING-II	25	17	0
153C1A0324	RT31036	METROLOGY	22	7	0
153C1A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0324	RT31038	MACHINE TOOLS LAB	25	46	2
153C1A0325	RT31016	IPR & PATENTS	16	13	0
153C1A0325	RT31031	DYNAMICS OF MACHINERY	23	0	0
153C1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	16	0	0
153C1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	25	5	0
153C1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	7	0
153C1A0325	RT31035	THERMAL ENGINEERING-II	23	13	0
153C1A0325	RT31036	METROLOGY	18	1	0
153C1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
153C1A0325	RT31038	MACHINE TOOLS LAB	23	44	2
153C1A0326	RT31016	IPR & PATENTS	11	46	2
153C1A0326	RT31031	DYNAMICS OF MACHINERY	26	11	0
153C1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	22	29	3
153C1A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	27	16	0
153C1A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	34	3
153C1A0326	RT31035	THERMAL ENGINEERING-II	21	13	0
153C1A0326	RT31036	METROLOGY	25	44	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
153C1A0326	RT31038	MACHINE TOOLS LAB	20	47	2
153C1A0327	RT31016	IPR & PATENTS	11	29	2
153C1A0327	RT31031	DYNAMICS OF MACHINERY	17	0	0
153C1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	16	3	0
153C1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	20	16	0
153C1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	7	0
153C1A0327	RT31035	THERMAL ENGINEERING-II	21	9	0
153C1A0327	RT31036	METROLOGY	16	9	0
153C1A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
153C1A0327	RT31038	MACHINE TOOLS LAB	21	35	2
153C1A0328	RT31016	IPR & PATENTS	19	28	2
153C1A0328	RT31031	DYNAMICS OF MACHINERY	16	0	0
153C1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
153C1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
153C1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	15	0
153C1A0328	RT31035	THERMAL ENGINEERING-II	17	19	0
153C1A0328	RT31036	METROLOGY	18	16	0
153C1A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
153C1A0328	RT31038	MACHINE TOOLS LAB	20	36	2
153C1A0329	RT31016	IPR & PATENTS	17	32	2
153C1A0329	RT31031	DYNAMICS OF MACHINERY	18	7	0
153C1A0329	RT31032	METAL CUTTING & MACHINE TOOLS	15	26	3
153C1A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	13	8	0
153C1A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	10	0
153C1A0329	RT31035	THERMAL ENGINEERING-II	21	24	3
153C1A0329	RT31036	METROLOGY	16	24	3
153C1A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
153C1A0329	RT31038	MACHINE TOOLS LAB	21	38	2
153C1A0330	RT31016	IPR & PATENTS	17	41	2
153C1A0330	RT31031	DYNAMICS OF MACHINERY	26	24	3
153C1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	26	28	3
153C1A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	25	29	3
153C1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	30	3
153C1A0330	RT31035	THERMAL ENGINEERING-II	26	24	3
153C1A0330	RT31036	METROLOGY	23	49	3
153C1A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	22	48	2
153C1A0330	RT31038	MACHINE TOOLS LAB	24	45	2
153C1A0331	RT31016	IPR & PATENTS	19	0	0
153C1A0331	RT31031	DYNAMICS OF MACHINERY	24	33	3
153C1A0331	RT31032	METAL CUTTING & MACHINE TOOLS	22	25	3
153C1A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	22	39	3
153C1A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	44	3
153C1A0331	RT31035	THERMAL ENGINEERING-II	21	34	3
153C1A0331	RT31036	METROLOGY	17	24	3
153C1A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
153C1A0331	RT31038	MACHINE TOOLS LAB	25	37	2
153C1A0332	RT31016	IPR & PATENTS	25	40	2
153C1A0332	RT31031	DYNAMICS OF MACHINERY	30	53	3
153C1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	28	52	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	29	42	3
153C1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	29	50	3
153C1A0332	RT31035	THERMAL ENGINEERING-II	27	44	3
153C1A0332	RT31036	METROLOGY	29	32	3
153C1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0332	RT31038	MACHINE TOOLS LAB	23	26	2
153C1A0333	RT31016	IPR & PATENTS	20	19	0
153C1A0333	RT31031	DYNAMICS OF MACHINERY	18	24	3
153C1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	23	28	3
153C1A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	20	24	3
153C1A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	36	3
153C1A0333	RT31035	THERMAL ENGINEERING-II	25	29	3
153C1A0333	RT31036	METROLOGY	23	30	3
153C1A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
153C1A0333	RT31038	MACHINE TOOLS LAB	22	35	2
153C1A0334	RT31016	IPR & PATENTS	22	41	2
153C1A0334	RT31031	DYNAMICS OF MACHINERY	27	30	3
153C1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
153C1A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	22	18	0
153C1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	28	3
153C1A0334	RT31035	THERMAL ENGINEERING-II	25	29	3
153C1A0334	RT31036	METROLOGY	22	24	3
153C1A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
153C1A0334	RT31038	MACHINE TOOLS LAB	22	38	2
153C1A0335	RT31016	IPR & PATENTS	23	32	2
153C1A0335	RT31031	DYNAMICS OF MACHINERY	21	7	0
153C1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	23	10	0
153C1A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	25	24	3
153C1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	46	3
153C1A0335	RT31035	THERMAL ENGINEERING-II	25	24	3
153C1A0335	RT31036	METROLOGY	21	6	0
153C1A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	21	44	2
153C1A0335	RT31038	MACHINE TOOLS LAB	20	44	2
153C1A0336	RT31016	IPR & PATENTS	21	46	2
153C1A0336	RT31031	DYNAMICS OF MACHINERY	21	30	3
153C1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
153C1A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	24	27	3
153C1A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	39	3
153C1A0336	RT31035	THERMAL ENGINEERING-II	24	46	3
153C1A0336	RT31036	METROLOGY	23	24	3
153C1A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
153C1A0336	RT31038	MACHINE TOOLS LAB	21	45	2
153C1A0337	RT31016	IPR & PATENTS	19	19	0
153C1A0337	RT31031	DYNAMICS OF MACHINERY	22	15	0
153C1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	18	15	0
153C1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	21	7	0
153C1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	12	0
153C1A0337	RT31035	THERMAL ENGINEERING-II	19	17	0
153C1A0337	RT31036	METROLOGY	17	2	0
153C1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0337	RT31038	MACHINE TOOLS LAB	23	36	2
153C1A0338	RT31016	IPR & PATENTS	17	38	2
153C1A0338	RT31031	DYNAMICS OF MACHINERY	23	8	0
153C1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	18	3	0
153C1A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	27	19	0
153C1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	25	3
153C1A0338	RT31035	THERMAL ENGINEERING-II	20	24	3
153C1A0338	RT31036	METROLOGY	21	28	3
153C1A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
153C1A0338	RT31038	MACHINE TOOLS LAB	25	38	2
153C1A0339	RT31016	IPR & PATENTS	20	34	2
153C1A0339	RT31031	DYNAMICS OF MACHINERY	22	24	3
153C1A0339	RT31032	METAL CUTTING & MACHINE TOOLS	19	16	0
153C1A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	22	42	3
153C1A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	47	3
153C1A0339	RT31035	THERMAL ENGINEERING-II	21	24	3
153C1A0339	RT31036	METROLOGY	20	13	0
153C1A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
153C1A0339	RT31038	MACHINE TOOLS LAB	20	37	2
153C1A0340	RT31016	IPR & PATENTS	17	28	2
153C1A0340	RT31031	DYNAMICS OF MACHINERY	20	19	0
153C1A0340	RT31032	METAL CUTTING & MACHINE TOOLS	17	12	0
153C1A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	25	13	0
153C1A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	17	0
153C1A0340	RT31035	THERMAL ENGINEERING-II	20	24	3
153C1A0340	RT31036	METROLOGY	20	8	0
153C1A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
153C1A0340	RT31038	MACHINE TOOLS LAB	24	36	2
153C1A0341	RT31016	IPR & PATENTS	20	25	2
153C1A0341	RT31031	DYNAMICS OF MACHINERY	24	14	0
153C1A0341	RT31032	METAL CUTTING & MACHINE TOOLS	20	28	3
153C1A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	26	5	0
153C1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	27	3
153C1A0341	RT31035	THERMAL ENGINEERING-II	22	8	0
153C1A0341	RT31036	METROLOGY	21	24	3
153C1A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
153C1A0341	RT31038	MACHINE TOOLS LAB	23	45	2
153C1A0342	RT31016	IPR & PATENTS	18	42	2
153C1A0342	RT31031	DYNAMICS OF MACHINERY	29	30	3
153C1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	26	11	0
153C1A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	29	27	3
153C1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	29	34	3
153C1A0342	RT31035	THERMAL ENGINEERING-II	23	24	3
153C1A0342	RT31036	METROLOGY	22	39	3
153C1A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0342	RT31038	MACHINE TOOLS LAB	20	47	2
153C1A0343	RT31016	IPR & PATENTS	18	51	2
153C1A0343	RT31031	DYNAMICS OF MACHINERY	25	28	3
153C1A0343	RT31032	METAL CUTTING & MACHINE TOOLS	24	26	3
153C1A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	24	37	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	45	3
153C1A0343	RT31035	THERMAL ENGINEERING-II	26	24	3
153C1A0343	RT31036	METROLOGY	22	-1	0
153C1A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
153C1A0343	RT31038	MACHINE TOOLS LAB	23	46	2
153C1A0344	RT31016	IPR & PATENTS	20	24	2
153C1A0344	RT31031	DYNAMICS OF MACHINERY	18	15	0
153C1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
153C1A0344	RT31033	DESIGN OF MACHINE MEMBERS-I	22	24	3
153C1A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	31	3
153C1A0344	RT31035	THERMAL ENGINEERING-II	21	38	3
153C1A0344	RT31036	METROLOGY	20	16	0
153C1A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
153C1A0344	RT31038	MACHINE TOOLS LAB	23	36	2
153C1A0345	RT31016	IPR & PATENTS	21	24	2
153C1A0345	RT31031	DYNAMICS OF MACHINERY	23	17	0
153C1A0345	RT31032	METAL CUTTING & MACHINE TOOLS	21	37	3
153C1A0345	RT31033	DESIGN OF MACHINE MEMBERS-I	27	7	0
153C1A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	27	3
153C1A0345	RT31035	THERMAL ENGINEERING-II	21	32	3
153C1A0345	RT31036	METROLOGY	23	30	3
153C1A0345	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0345	RT31038	MACHINE TOOLS LAB	21	35	2
153C1A0346	RT31016	IPR & PATENTS	16	41	2
153C1A0346	RT31031	DYNAMICS OF MACHINERY	16	10	0
153C1A0346	RT31032	METAL CUTTING & MACHINE TOOLS	21	27	3
153C1A0346	RT31033	DESIGN OF MACHINE MEMBERS-I	22	7	0
153C1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	26	3
153C1A0346	RT31035	THERMAL ENGINEERING-II	19	14	0
153C1A0346	RT31036	METROLOGY	24	43	3
153C1A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
153C1A0346	RT31038	MACHINE TOOLS LAB	25	34	2
153C1A0347	RT31016	IPR & PATENTS	17	33	2
153C1A0347	RT31031	DYNAMICS OF MACHINERY	27	15	0
153C1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	20	17	0
153C1A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	25	32	3
153C1A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	52	3
153C1A0347	RT31035	THERMAL ENGINEERING-II	24	24	3
153C1A0347	RT31036	METROLOGY	19	14	0
153C1A0347	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
153C1A0347	RT31038	MACHINE TOOLS LAB	23	35	2
153C1A0348	RT31016	IPR & PATENTS	26	39	2
153C1A0348	RT31031	DYNAMICS OF MACHINERY	26	30	3
153C1A0348	RT31032	METAL CUTTING & MACHINE TOOLS	24	57	3
153C1A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	24	53	3
153C1A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	38	3
153C1A0348	RT31035	THERMAL ENGINEERING-II	24	58	3
153C1A0348	RT31036	METROLOGY	25	32	3
153C1A0348	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0348	RT31038	MACHINE TOOLS LAB	25	47	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0349	RT31016	IPR & PATENTS	11	13	0
153C1A0349	RT31031	DYNAMICS OF MACHINERY	17	12	0
153C1A0349	RT31032	METAL CUTTING & MACHINE TOOLS	21	14	0
153C1A0349	RT31033	DESIGN OF MACHINE MEMBERS-I	24	5	0
153C1A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	9	0
153C1A0349	RT31035	THERMAL ENGINEERING-II	22	6	0
153C1A0349	RT31036	METROLOGY	15	1	0
153C1A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0349	RT31038	MACHINE TOOLS LAB	15	34	2
153C1A0350	RT31016	IPR & PATENTS	21	43	2
153C1A0350	RT31031	DYNAMICS OF MACHINERY	25	12	0
153C1A0350	RT31032	METAL CUTTING & MACHINE TOOLS	28	31	3
153C1A0350	RT31033	DESIGN OF MACHINE MEMBERS-I	23	27	3
153C1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	28	3
153C1A0350	RT31035	THERMAL ENGINEERING-II	25	24	3
153C1A0350	RT31036	METROLOGY	26	38	3
153C1A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0350	RT31038	MACHINE TOOLS LAB	23	35	2
153C1A0351	RT31016	IPR & PATENTS	18	59	2
153C1A0351	RT31031	DYNAMICS OF MACHINERY	24	6	0
153C1A0351	RT31032	METAL CUTTING & MACHINE TOOLS	25	26	3
153C1A0351	RT31033	DESIGN OF MACHINE MEMBERS-I	25	55	3
153C1A0351	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	66	3
153C1A0351	RT31035	THERMAL ENGINEERING-II	24	41	3
153C1A0351	RT31036	METROLOGY	27	35	3
153C1A0351	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
153C1A0351	RT31038	MACHINE TOOLS LAB	25	45	2
153C1A0352	RT31016	IPR & PATENTS	18	34	2
153C1A0352	RT31031	DYNAMICS OF MACHINERY	17	0	0
153C1A0352	RT31032	METAL CUTTING & MACHINE TOOLS	23	13	0
153C1A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	17	8	0
153C1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	0	0
153C1A0352	RT31035	THERMAL ENGINEERING-II	22	28	3
153C1A0352	RT31036	METROLOGY	15	8	0
153C1A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	23	40	2
153C1A0352	RT31038	MACHINE TOOLS LAB	23	25	2
153C1A0353	RT31016	IPR & PATENTS	19	13	0
153C1A0353	RT31031	DYNAMICS OF MACHINERY	21	0	0
153C1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	27	14	0
153C1A0353	RT31033	DESIGN OF MACHINE MEMBERS-I	17	8	0
153C1A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	24	3
153C1A0353	RT31035	THERMAL ENGINEERING-II	23	10	0
153C1A0353	RT31036	METROLOGY	24	14	0
153C1A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
153C1A0353	RT31038	MACHINE TOOLS LAB	25	35	2
153C1A0354	RT31016	IPR & PATENTS	7	5	0
153C1A0354	RT31031	DYNAMICS OF MACHINERY	17	0	0
153C1A0354	RT31032	METAL CUTTING & MACHINE TOOLS	9	3	0
153C1A0354	RT31033	DESIGN OF MACHINE MEMBERS-I	13	10	0
153C1A0354	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	8	6	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0354	RT31035	THERMAL ENGINEERING-II	16	6	0
153C1A0354	RT31036	METROLOGY	12	4	0
153C1A0354	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
153C1A0354	RT31038	MACHINE TOOLS LAB	21	37	2
153C1A0355	RT31016	IPR & PATENTS	18	39	2
153C1A0355	RT31031	DYNAMICS OF MACHINERY	26	28	3
153C1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	28	26	3
153C1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	27	60	3
153C1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	45	3
153C1A0355	RT31035	THERMAL ENGINEERING-II	22	42	3
153C1A0355	RT31036	METROLOGY	19	48	3
153C1A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0355	RT31038	MACHINE TOOLS LAB	25	35	2
153C1A0356	RT31016	IPR & PATENTS	19	28	2
153C1A0356	RT31031	DYNAMICS OF MACHINERY	23	11	0
153C1A0356	RT31032	METAL CUTTING & MACHINE TOOLS	22	24	3
153C1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	23	18	0
153C1A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	17	0
153C1A0356	RT31035	THERMAL ENGINEERING-II	23	29	3
153C1A0356	RT31036	METROLOGY	20	16	0
153C1A0356	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0356	RT31038	MACHINE TOOLS LAB	24	36	2
153C1A0357	RT31016	IPR & PATENTS	18	30	2
153C1A0357	RT31031	DYNAMICS OF MACHINERY	23	24	3
153C1A0357	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
153C1A0357	RT31033	DESIGN OF MACHINE MEMBERS-I	20	8	0
153C1A0357	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	28	3
153C1A0357	RT31035	THERMAL ENGINEERING-II	25	14	0
153C1A0357	RT31036	METROLOGY	25	24	3
153C1A0357	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0357	RT31038	MACHINE TOOLS LAB	22	25	2
153C1A0358	RT31016	IPR & PATENTS	16	29	2
153C1A0358	RT31031	DYNAMICS OF MACHINERY	20	0	0
153C1A0358	RT31032	METAL CUTTING & MACHINE TOOLS	15	11	0
153C1A0358	RT31033	DESIGN OF MACHINE MEMBERS-I	22	16	0
153C1A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	26	3
153C1A0358	RT31035	THERMAL ENGINEERING-II	25	8	0
153C1A0358	RT31036	METROLOGY	23	10	0
153C1A0358	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
153C1A0358	RT31038	MACHINE TOOLS LAB	22	35	2
153C1A0359	RT31016	IPR & PATENTS	19	45	2
153C1A0359	RT31031	DYNAMICS OF MACHINERY	22	24	3
153C1A0359	RT31032	METAL CUTTING & MACHINE TOOLS	19	26	3
153C1A0359	RT31033	DESIGN OF MACHINE MEMBERS-I	23	51	3
153C1A0359	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	47	3
153C1A0359	RT31035	THERMAL ENGINEERING-II	23	33	3
153C1A0359	RT31036	METROLOGY	24	37	3
153C1A0359	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0359	RT31038	MACHINE TOOLS LAB	23	45	2
153C1A0360	RT31016	IPR & PATENTS	23	42	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0360	RT31031	DYNAMICS OF MACHINERY	30	37	3
153C1A0360	RT31032	METAL CUTTING & MACHINE TOOLS	29	41	3
153C1A0360	RT31033	DESIGN OF MACHINE MEMBERS-I	28	44	3
153C1A0360	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	48	3
153C1A0360	RT31035	THERMAL ENGINEERING-II	25	54	3
153C1A0360	RT31036	METROLOGY	24	36	3
153C1A0360	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
153C1A0360	RT31038	MACHINE TOOLS LAB	22	36	2
153C1A0361	RT31016	IPR & PATENTS	15	30	2
153C1A0361	RT31031	DYNAMICS OF MACHINERY	14	0	0
153C1A0361	RT31032	METAL CUTTING & MACHINE TOOLS	15	29	3
153C1A0361	RT31033	DESIGN OF MACHINE MEMBERS-I	23	6	0
153C1A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	2	0
153C1A0361	RT31035	THERMAL ENGINEERING-II	22	12	0
153C1A0361	RT31036	METROLOGY	18	13	0
153C1A0361	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0361	RT31038	MACHINE TOOLS LAB	20	35	2
153C1A0362	RT31016	IPR & PATENTS	19	39	2
153C1A0362	RT31031	DYNAMICS OF MACHINERY	18	8	0
153C1A0362	RT31032	METAL CUTTING & MACHINE TOOLS	13	3	0
153C1A0362	RT31033	DESIGN OF MACHINE MEMBERS-I	21	28	3
153C1A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	28	3
153C1A0362	RT31035	THERMAL ENGINEERING-II	19	16	0
153C1A0362	RT31036	METROLOGY	19	13	0
153C1A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0362	RT31038	MACHINE TOOLS LAB	24	34	2
153C1A0363	RT31016	IPR & PATENTS	9	39	2
153C1A0363	RT31031	DYNAMICS OF MACHINERY	21	0	0
153C1A0363	RT31032	METAL CUTTING & MACHINE TOOLS	18	0	0
153C1A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	21	44	3
153C1A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	0	0
153C1A0363	RT31035	THERMAL ENGINEERING-II	22	0	0
153C1A0363	RT31036	METROLOGY	17	0	0
153C1A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
153C1A0363	RT31038	MACHINE TOOLS LAB	20	35	2
153C1A0364	RT31016	IPR & PATENTS	21	36	2
153C1A0364	RT31031	DYNAMICS OF MACHINERY	28	31	3
153C1A0364	RT31032	METAL CUTTING & MACHINE TOOLS	26	40	3
153C1A0364	RT31033	DESIGN OF MACHINE MEMBERS-I	25	24	3
153C1A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	49	3
153C1A0364	RT31035	THERMAL ENGINEERING-II	23	48	3
153C1A0364	RT31036	METROLOGY	26	24	3
153C1A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
153C1A0364	RT31038	MACHINE TOOLS LAB	22	36	2
153C1A0365	RT31016	IPR & PATENTS	23	21	0
153C1A0365	RT31031	DYNAMICS OF MACHINERY	23	0	0
153C1A0365	RT31032	METAL CUTTING & MACHINE TOOLS	23	26	3
153C1A0365	RT31033	DESIGN OF MACHINE MEMBERS-I	25	10	0
153C1A0365	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
153C1A0365	RT31035	THERMAL ENGINEERING-II	20	17	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0365	RT31036	METROLOGY	19	24	3
153C1A0365	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0365	RT31038	MACHINE TOOLS LAB	24	45	2
153C1A0366	RT31016	IPR & PATENTS	13	37	2
153C1A0366	RT31031	DYNAMICS OF MACHINERY	9	0	0
153C1A0366	RT31032	METAL CUTTING & MACHINE TOOLS	26	3	0
153C1A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	22	11	0
153C1A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	2	0
153C1A0366	RT31035	THERMAL ENGINEERING-II	17	0	0
153C1A0366	RT31036	METROLOGY	16	10	0
153C1A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
153C1A0366	RT31038	MACHINE TOOLS LAB	23	46	2
153C1A0367	RT31016	IPR & PATENTS	23	14	0
153C1A0367	RT31031	DYNAMICS OF MACHINERY	26	5	0
153C1A0367	RT31032	METAL CUTTING & MACHINE TOOLS	24	5	0
153C1A0367	RT31033	DESIGN OF MACHINE MEMBERS-I	25	6	0
153C1A0367	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	0	0
153C1A0367	RT31035	THERMAL ENGINEERING-II	23	0	0
153C1A0367	RT31036	METROLOGY	14	0	0
153C1A0367	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0367	RT31038	MACHINE TOOLS LAB	21	35	2
153C1A0368	RT31016	IPR & PATENTS	22	47	2
153C1A0368	RT31031	DYNAMICS OF MACHINERY	28	28	3
153C1A0368	RT31032	METAL CUTTING & MACHINE TOOLS	28	26	3
153C1A0368	RT31033	DESIGN OF MACHINE MEMBERS-I	26	26	3
153C1A0368	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	41	3
153C1A0368	RT31035	THERMAL ENGINEERING-II	24	43	3
153C1A0368	RT31036	METROLOGY	27	24	3
153C1A0368	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
153C1A0368	RT31038	MACHINE TOOLS LAB	22	37	2
153C1A0369	RT31016	IPR & PATENTS	15	13	0
153C1A0369	RT31031	DYNAMICS OF MACHINERY	16	0	0
153C1A0369	RT31032	METAL CUTTING & MACHINE TOOLS	14	16	0
153C1A0369	RT31033	DESIGN OF MACHINE MEMBERS-I	17	6	0
153C1A0369	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	6	0
153C1A0369	RT31035	THERMAL ENGINEERING-II	23	0	0
153C1A0369	RT31036	METROLOGY	14	0	0
153C1A0369	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0369	RT31038	MACHINE TOOLS LAB	20	35	2
153C1A0370	RT31016	IPR & PATENTS	15	36	2
153C1A0370	RT31031	DYNAMICS OF MACHINERY	19	8	0
153C1A0370	RT31032	METAL CUTTING & MACHINE TOOLS	18	0	0
153C1A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
153C1A0370	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	2	0
153C1A0370	RT31035	THERMAL ENGINEERING-II	22	6	0
153C1A0370	RT31036	METROLOGY	16	8	0
153C1A0370	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0370	RT31038	MACHINE TOOLS LAB	23	45	2
153C1A0371	RT31016	IPR & PATENTS	17	37	2
153C1A0371	RT31031	DYNAMICS OF MACHINERY	22	6	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0371	RT31032	METAL CUTTING & MACHINE TOOLS	24	25	3
153C1A0371	RT31033	DESIGN OF MACHINE MEMBERS-I	25	33	3
153C1A0371	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	37	3
153C1A0371	RT31035	THERMAL ENGINEERING-II	24	30	3
153C1A0371	RT31036	METROLOGY	23	24	3
153C1A0371	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0371	RT31038	MACHINE TOOLS LAB	22	26	2
153C1A0373	RT31016	IPR & PATENTS	20	24	2
153C1A0373	RT31031	DYNAMICS OF MACHINERY	23	19	0
153C1A0373	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
153C1A0373	RT31033	DESIGN OF MACHINE MEMBERS-I	26	11	0
153C1A0373	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	24	3
153C1A0373	RT31035	THERMAL ENGINEERING-II	24	37	3
153C1A0373	RT31036	METROLOGY	21	24	3
153C1A0373	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
153C1A0373	RT31038	MACHINE TOOLS LAB	22	25	2
153C1A0374	RT31016	IPR & PATENTS	22	25	2
153C1A0374	RT31031	DYNAMICS OF MACHINERY	25	0	0
153C1A0374	RT31032	METAL CUTTING & MACHINE TOOLS	27	24	3
153C1A0374	RT31033	DESIGN OF MACHINE MEMBERS-I	28	9	0
153C1A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	35	3
153C1A0374	RT31035	THERMAL ENGINEERING-II	27	16	0
153C1A0374	RT31036	METROLOGY	24	32	3
153C1A0374	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
153C1A0374	RT31038	MACHINE TOOLS LAB	25	44	2
153C1A0375	RT31016	IPR & PATENTS	21	30	2
153C1A0375	RT31031	DYNAMICS OF MACHINERY	23	15	0
153C1A0375	RT31032	METAL CUTTING & MACHINE TOOLS	27	27	3
153C1A0375	RT31033	DESIGN OF MACHINE MEMBERS-I	21	27	3
153C1A0375	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	32	3
153C1A0375	RT31035	THERMAL ENGINEERING-II	25	24	3
153C1A0375	RT31036	METROLOGY	27	48	3
153C1A0375	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0375	RT31038	MACHINE TOOLS LAB	25	45	2
153C1A0377	RT31016	IPR & PATENTS	22	50	2
153C1A0377	RT31031	DYNAMICS OF MACHINERY	22	9	0
153C1A0377	RT31032	METAL CUTTING & MACHINE TOOLS	21	24	3
153C1A0377	RT31033	DESIGN OF MACHINE MEMBERS-I	24	25	3
153C1A0377	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	54	3
153C1A0377	RT31035	THERMAL ENGINEERING-II	26	34	3
153C1A0377	RT31036	METROLOGY	18	17	0
153C1A0377	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
153C1A0377	RT31038	MACHINE TOOLS LAB	20	25	2
153C1A0378	RT31016	IPR & PATENTS	14	28	2
153C1A0378	RT31031	DYNAMICS OF MACHINERY	20	8	0
153C1A0378	RT31032	METAL CUTTING & MACHINE TOOLS	19	15	0
153C1A0378	RT31033	DESIGN OF MACHINE MEMBERS-I	25	8	0
153C1A0378	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	24	3
153C1A0378	RT31035	THERMAL ENGINEERING-II	23	29	3
153C1A0378	RT31036	METROLOGY	23	16	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0378	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0378	RT31038	MACHINE TOOLS LAB	24	36	2
153C1A0379	RT31016	IPR & PATENTS	20	28	2
153C1A0379	RT31031	DYNAMICS OF MACHINERY	27	18	0
153C1A0379	RT31032	METAL CUTTING & MACHINE TOOLS	25	36	3
153C1A0379	RT31033	DESIGN OF MACHINE MEMBERS-I	25	11	0
153C1A0379	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	28	3
153C1A0379	RT31035	THERMAL ENGINEERING-II	21	24	3
153C1A0379	RT31036	METROLOGY	22	33	3
153C1A0379	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
153C1A0379	RT31038	MACHINE TOOLS LAB	23	35	2
153C1A0380	RT31016	IPR & PATENTS	22	48	2
153C1A0380	RT31031	DYNAMICS OF MACHINERY	22	9	0
153C1A0380	RT31032	METAL CUTTING & MACHINE TOOLS	24	32	3
153C1A0380	RT31033	DESIGN OF MACHINE MEMBERS-I	23	26	3
153C1A0380	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	30	3
153C1A0380	RT31035	THERMAL ENGINEERING-II	22	24	3
153C1A0380	RT31036	METROLOGY	21	38	3
153C1A0380	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
153C1A0380	RT31038	MACHINE TOOLS LAB	22	25	2
153C1A0381	RT31016	IPR & PATENTS	5	7	0
153C1A0381	RT31031	DYNAMICS OF MACHINERY	15	-1	0
153C1A0381	RT31032	METAL CUTTING & MACHINE TOOLS	5	0	0
153C1A0381	RT31033	DESIGN OF MACHINE MEMBERS-I	6	7	0
153C1A0381	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	6	-1	0
153C1A0381	RT31035	THERMAL ENGINEERING-II	0	30	0
153C1A0381	RT31036	METROLOGY	13	14	0
153C1A0381	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
153C1A0381	RT31038	MACHINE TOOLS LAB	15	27	2
153C1A0382	RT31016	IPR & PATENTS	5	24	0
153C1A0382	RT31031	DYNAMICS OF MACHINERY	2	0	0
153C1A0382	RT31032	METAL CUTTING & MACHINE TOOLS	4	4	0
153C1A0382	RT31033	DESIGN OF MACHINE MEMBERS-I	6	5	0
153C1A0382	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	5	0
153C1A0382	RT31035	THERMAL ENGINEERING-II	0	21	0
153C1A0382	RT31036	METROLOGY	5	10	0
153C1A0382	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
153C1A0382	RT31038	MACHINE TOOLS LAB	0	26	0
153C1A0383	RT31016	IPR & PATENTS	17	24	2
153C1A0383	RT31031	DYNAMICS OF MACHINERY	23	14	0
153C1A0383	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
153C1A0383	RT31033	DESIGN OF MACHINE MEMBERS-I	25	8	0
153C1A0383	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	25	3
153C1A0383	RT31035	THERMAL ENGINEERING-II	22	24	3
153C1A0383	RT31036	METROLOGY	20	24	3
153C1A0383	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
153C1A0383	RT31038	MACHINE TOOLS LAB	23	25	2
153C1A0384	RT31016	IPR & PATENTS	18	46	2
153C1A0384	RT31031	DYNAMICS OF MACHINERY	25	31	3
153C1A0384	RT31032	METAL CUTTING & MACHINE TOOLS	25	6	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0384	RT31033	DESIGN OF MACHINE MEMBERS-I	26	33	3
153C1A0384	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	26	3
153C1A0384	RT31035	THERMAL ENGINEERING-II	25	33	3
153C1A0384	RT31036	METROLOGY	26	44	3
153C1A0384	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
153C1A0384	RT31038	MACHINE TOOLS LAB	20	35	2
153C1A0385	RT31016	IPR & PATENTS	14	29	2
153C1A0385	RT31031	DYNAMICS OF MACHINERY	14	0	0
153C1A0385	RT31032	METAL CUTTING & MACHINE TOOLS	17	6	0
153C1A0385	RT31033	DESIGN OF MACHINE MEMBERS-I	17	20	0
153C1A0385	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	0	0
153C1A0385	RT31035	THERMAL ENGINEERING-II	13	8	0
153C1A0385	RT31036	METROLOGY	18	7	0
153C1A0385	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
153C1A0385	RT31038	MACHINE TOOLS LAB	18	44	2
153C1A0386	RT31016	IPR & PATENTS	20	30	2
153C1A0386	RT31031	DYNAMICS OF MACHINERY	17	9	0
153C1A0386	RT31032	METAL CUTTING & MACHINE TOOLS	20	36	3
153C1A0386	RT31033	DESIGN OF MACHINE MEMBERS-I	23	14	0
153C1A0386	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	28	3
153C1A0386	RT31035	THERMAL ENGINEERING-II	21	33	3
153C1A0386	RT31036	METROLOGY	21	14	0
153C1A0386	RT31037	METROLOGY & INSTRUMENTATION LAB	23	40	2
153C1A0386	RT31038	MACHINE TOOLS LAB	20	45	2
153C1A0387	RT31016	IPR & PATENTS	20	15	0
153C1A0387	RT31031	DYNAMICS OF MACHINERY	22	24	3
153C1A0387	RT31032	METAL CUTTING & MACHINE TOOLS	22	30	3
153C1A0387	RT31033	DESIGN OF MACHINE MEMBERS-I	24	8	0
153C1A0387	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	31	3
153C1A0387	RT31035	THERMAL ENGINEERING-II	20	24	3
153C1A0387	RT31036	METROLOGY	24	30	3
153C1A0387	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
153C1A0387	RT31038	MACHINE TOOLS LAB	25	46	2
153C1A0388	RT31016	IPR & PATENTS	18	38	2
153C1A0388	RT31031	DYNAMICS OF MACHINERY	16	0	0
153C1A0388	RT31032	METAL CUTTING & MACHINE TOOLS	17	3	0
153C1A0388	RT31033	DESIGN OF MACHINE MEMBERS-I	19	17	0
153C1A0388	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	16	0
153C1A0388	RT31035	THERMAL ENGINEERING-II	23	24	3
153C1A0388	RT31036	METROLOGY	17	27	3
153C1A0388	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
153C1A0388	RT31038	MACHINE TOOLS LAB	21	45	2
153C1A0389	RT31016	IPR & PATENTS	22	49	2
153C1A0389	RT31031	DYNAMICS OF MACHINERY	9	0	0
153C1A0389	RT31032	METAL CUTTING & MACHINE TOOLS	18	6	0
153C1A0389	RT31033	DESIGN OF MACHINE MEMBERS-I	18	40	3
153C1A0389	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	44	3
153C1A0389	RT31035	THERMAL ENGINEERING-II	18	31	3
153C1A0389	RT31036	METROLOGY	16	4	0
153C1A0389	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0389	RT31038	MACHINE TOOLS LAB	0	33	2
153C1A0401	RT31016	IPR & PATENTS	28	49	2
153C1A0401	RT31041	PULSE & DIGITAL CIRCUITS	30	35	3
153C1A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	65	3
153C1A0401	RT31043	CONTROL SYSTEMS	28	52	3
153C1A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	55	3
153C1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	28	41	3
153C1A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
153C1A0401	RT31048	LICA LAB	24	49	2
153C1A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
153C1A0403	RT31016	IPR & PATENTS	25	50	2
153C1A0403	RT31041	PULSE & DIGITAL CIRCUITS	27	46	3
153C1A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	32	3
153C1A0403	RT31043	CONTROL SYSTEMS	28	51	3
153C1A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	38	3
153C1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	22	49	3
153C1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
153C1A0403	RT31048	LICA LAB	22	45	2
153C1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
153C1A0404	RT31016	IPR & PATENTS	27	44	2
153C1A0404	RT31041	PULSE & DIGITAL CIRCUITS	24	44	3
153C1A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	49	3
153C1A0404	RT31043	CONTROL SYSTEMS	28	51	3
153C1A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	47	3
153C1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	25	34	3
153C1A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
153C1A0404	RT31048	LICA LAB	22	44	2
153C1A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
153C1A0405	RT31016	IPR & PATENTS	27	13	0
153C1A0405	RT31041	PULSE & DIGITAL CIRCUITS	26	24	3
153C1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	33	3
153C1A0405	RT31043	CONTROL SYSTEMS	27	44	3
153C1A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	39	3
153C1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	20	28	3
153C1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
153C1A0405	RT31048	LICA LAB	21	40	2
153C1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	38	2
153C1A0406	RT31016	IPR & PATENTS	24	32	2
153C1A0406	RT31041	PULSE & DIGITAL CIRCUITS	16	17	0
153C1A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	24	3
153C1A0406	RT31043	CONTROL SYSTEMS	21	24	3
153C1A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	10	0
153C1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	18	12	0
153C1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
153C1A0406	RT31048	LICA LAB	21	42	2
153C1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	43	2
153C1A0407	RT31016	IPR & PATENTS	29	54	2
153C1A0407	RT31041	PULSE & DIGITAL CIRCUITS	27	46	3
153C1A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	46	3
153C1A0407	RT31043	CONTROL SYSTEMS	29	55	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	36	3
153C1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	26	36	3
153C1A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
153C1A0407	RT31048	LICA LAB	24	46	2
153C1A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
153C1A0408	RT31016	IPR & PATENTS	28	41	2
153C1A0408	RT31041	PULSE & DIGITAL CIRCUITS	26	33	3
153C1A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	36	3
153C1A0408	RT31043	CONTROL SYSTEMS	28	28	3
153C1A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	38	3
153C1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	24	37	3
153C1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
153C1A0408	RT31048	LICA LAB	22	45	2
153C1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2
153C1A0409	RT31016	IPR & PATENTS	27	3	0
153C1A0409	RT31041	PULSE & DIGITAL CIRCUITS	27	26	3
153C1A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	32	3
153C1A0409	RT31043	CONTROL SYSTEMS	27	55	3
153C1A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	34	3
153C1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	29	24	3
153C1A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	49	2
153C1A0409	RT31048	LICA LAB	24	46	2
153C1A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	49	2
153C1A0410	RT31016	IPR & PATENTS	27	39	2
153C1A0410	RT31041	PULSE & DIGITAL CIRCUITS	28	40	3
153C1A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	65	3
153C1A0410	RT31043	CONTROL SYSTEMS	28	41	3
153C1A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	29	3
153C1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	27	35	3
153C1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
153C1A0410	RT31048	LICA LAB	23	40	2
153C1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
153C1A0411	RT31016	IPR & PATENTS	28	54	2
153C1A0411	RT31041	PULSE & DIGITAL CIRCUITS	28	42	3
153C1A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	63	3
153C1A0411	RT31043	CONTROL SYSTEMS	27	70	3
153C1A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	33	3
153C1A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	23	32	3
153C1A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
153C1A0411	RT31048	LICA LAB	24	49	2
153C1A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
153C1A0412	RT31016	IPR & PATENTS	21	25	2
153C1A0412	RT31041	PULSE & DIGITAL CIRCUITS	21	7	0
153C1A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	26	3
153C1A0412	RT31043	CONTROL SYSTEMS	17	1	0
153C1A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	24	3
153C1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	11	3	0
153C1A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
153C1A0412	RT31048	LICA LAB	20	42	2
153C1A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0413	RT31016	IPR & PATENTS	25	5	0
153C1A0413	RT31041	PULSE & DIGITAL CIRCUITS	18	7	0
153C1A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	6	0
153C1A0413	RT31043	CONTROL SYSTEMS	28	3	0
153C1A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	21	0
153C1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	7	7	0
153C1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
153C1A0413	RT31048	LICA LAB	18	38	2
153C1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	30	2
153C1A0414	RT31016	IPR & PATENTS	21	36	2
153C1A0414	RT31041	PULSE & DIGITAL CIRCUITS	29	24	3
153C1A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	38	3
153C1A0414	RT31043	CONTROL SYSTEMS	25	28	3
153C1A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	35	3
153C1A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	21	18	0
153C1A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
153C1A0414	RT31048	LICA LAB	21	39	2
153C1A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	37	2
153C1A0415	RT31016	IPR & PATENTS	25	32	2
153C1A0415	RT31041	PULSE & DIGITAL CIRCUITS	27	36	3
153C1A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	45	3
153C1A0415	RT31043	CONTROL SYSTEMS	27	42	3
153C1A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	35	3
153C1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	26	34	3
153C1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
153C1A0415	RT31048	LICA LAB	24	40	2
153C1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
153C1A0416	RT31016	IPR & PATENTS	26	34	2
153C1A0416	RT31041	PULSE & DIGITAL CIRCUITS	25	36	3
153C1A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	37	3
153C1A0416	RT31043	CONTROL SYSTEMS	26	35	3
153C1A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	33	3
153C1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	25	32	3
153C1A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
153C1A0416	RT31048	LICA LAB	23	40	2
153C1A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
153C1A0417	RT31016	IPR & PATENTS	26	16	0
153C1A0417	RT31041	PULSE & DIGITAL CIRCUITS	27	39	3
153C1A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	35	3
153C1A0417	RT31043	CONTROL SYSTEMS	29	38	3
153C1A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	41	3
153C1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	23	27	3
153C1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
153C1A0417	RT31048	LICA LAB	23	45	2
153C1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
153C1A0418	RT31016	IPR & PATENTS	27	45	2
153C1A0418	RT31041	PULSE & DIGITAL CIRCUITS	27	30	3
153C1A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	33	3
153C1A0418	RT31043	CONTROL SYSTEMS	27	37	3
153C1A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	33	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	21	40	3
153C1A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
153C1A0418	RT31048	LICA LAB	21	45	2
153C1A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
153C1A0419	RT31016	IPR & PATENTS	27	54	2
153C1A0419	RT31041	PULSE & DIGITAL CIRCUITS	30	52	3
153C1A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	67	3
153C1A0419	RT31043	CONTROL SYSTEMS	28	52	3
153C1A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	38	3
153C1A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	30	32	3
153C1A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
153C1A0419	RT31048	LICA LAB	25	49	2
153C1A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
153C1A0420	RT31016	IPR & PATENTS	26	60	2
153C1A0420	RT31041	PULSE & DIGITAL CIRCUITS	30	45	3
153C1A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	42	3
153C1A0420	RT31043	CONTROL SYSTEMS	28	38	3
153C1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	54	3
153C1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	28	25	3
153C1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
153C1A0420	RT31048	LICA LAB	25	49	2
153C1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
153C1A0421	RT31016	IPR & PATENTS	28	16	0
153C1A0421	RT31041	PULSE & DIGITAL CIRCUITS	30	24	3
153C1A0421	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	35	3
153C1A0421	RT31043	CONTROL SYSTEMS	28	47	3
153C1A0421	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	39	3
153C1A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	25	17	0
153C1A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
153C1A0421	RT31048	LICA LAB	24	40	2
153C1A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
153C1A0423	RT31016	IPR & PATENTS	27	39	2
153C1A0423	RT31041	PULSE & DIGITAL CIRCUITS	28	26	3
153C1A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	35	3
153C1A0423	RT31043	CONTROL SYSTEMS	27	33	3
153C1A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	28	3
153C1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	23	24	3
153C1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
153C1A0423	RT31048	LICA LAB	23	45	2
153C1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
153C1A0424	RT31016	IPR & PATENTS	30	54	2
153C1A0424	RT31041	PULSE & DIGITAL CIRCUITS	30	53	3
153C1A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	48	3
153C1A0424	RT31043	CONTROL SYSTEMS	28	50	3
153C1A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	34	3
153C1A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	26	34	3
153C1A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
153C1A0424	RT31048	LICA LAB	24	46	2
153C1A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
153C1A0425	RT31016	IPR & PATENTS	26	31	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0425	RT31041	PULSE & DIGITAL CIRCUITS	26	29	3
153C1A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	34	3
153C1A0425	RT31043	CONTROL SYSTEMS	27	27	3
153C1A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	43	3
153C1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	22	32	3
153C1A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
153C1A0425	RT31048	LICA LAB	24	47	2
153C1A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	47	2
153C1A0426	RT31016	IPR & PATENTS	26	10	0
153C1A0426	RT31041	PULSE & DIGITAL CIRCUITS	28	38	3
153C1A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	44	3
153C1A0426	RT31043	CONTROL SYSTEMS	26	62	3
153C1A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	45	3
153C1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	18	29	3
153C1A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
153C1A0426	RT31048	LICA LAB	22	45	2
153C1A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	50	2
153C1A0427	RT31016	IPR & PATENTS	29	45	2
153C1A0427	RT31041	PULSE & DIGITAL CIRCUITS	26	39	3
153C1A0427	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	43	3
153C1A0427	RT31043	CONTROL SYSTEMS	28	37	3
153C1A0427	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	43	3
153C1A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	26	32	3
153C1A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
153C1A0427	RT31048	LICA LAB	23	38	2
153C1A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	38	2
153C1A0428	RT31016	IPR & PATENTS	29	54	2
153C1A0428	RT31041	PULSE & DIGITAL CIRCUITS	30	32	3
153C1A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	52	3
153C1A0428	RT31043	CONTROL SYSTEMS	25	51	3
153C1A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	37	3
153C1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	25	47	3
153C1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
153C1A0428	RT31048	LICA LAB	24	46	2
153C1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
153C1A0429	RT31016	IPR & PATENTS	26	30	2
153C1A0429	RT31041	PULSE & DIGITAL CIRCUITS	26	38	3
153C1A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	44	3
153C1A0429	RT31043	CONTROL SYSTEMS	26	53	3
153C1A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	35	3
153C1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	23	33	3
153C1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
153C1A0429	RT31048	LICA LAB	22	40	2
153C1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
153C1A0430	RT31016	IPR & PATENTS	26	3	0
153C1A0430	RT31041	PULSE & DIGITAL CIRCUITS	25	13	0
153C1A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	37	3
153C1A0430	RT31043	CONTROL SYSTEMS	25	24	3
153C1A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	24	3
153C1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	15	8	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
153C1A0430	RT31048	LICA LAB	18	43	2
153C1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	39	2
153C1A0431	RT31016	IPR & PATENTS	26	38	2
153C1A0431	RT31041	PULSE & DIGITAL CIRCUITS	24	35	3
153C1A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	37	3
153C1A0431	RT31043	CONTROL SYSTEMS	26	29	3
153C1A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	42	3
153C1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	17	28	3
153C1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
153C1A0431	RT31048	LICA LAB	21	42	2
153C1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
153C1A0432	RT31016	IPR & PATENTS	24	27	2
153C1A0432	RT31041	PULSE & DIGITAL CIRCUITS	16	30	3
153C1A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	29	3
153C1A0432	RT31043	CONTROL SYSTEMS	22	32	3
153C1A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	15	0
153C1A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	13	0	0
153C1A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	10	0
153C1A0432	RT31048	LICA LAB	18	39	2
153C1A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	39	2
153C1A0433	RT31016	IPR & PATENTS	29	52	2
153C1A0433	RT31041	PULSE & DIGITAL CIRCUITS	28	50	3
153C1A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	56	3
153C1A0433	RT31043	CONTROL SYSTEMS	30	42	3
153C1A0433	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	44	3
153C1A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	27	35	3
153C1A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
153C1A0433	RT31048	LICA LAB	22	38	2
153C1A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
153C1A0434	RT31016	IPR & PATENTS	27	5	0
153C1A0434	RT31041	PULSE & DIGITAL CIRCUITS	29	24	3
153C1A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	49	3
153C1A0434	RT31043	CONTROL SYSTEMS	27	40	3
153C1A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	37	3
153C1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
153C1A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
153C1A0434	RT31048	LICA LAB	25	49	2
153C1A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
153C1A0435	RT31016	IPR & PATENTS	24	43	2
153C1A0435	RT31041	PULSE & DIGITAL CIRCUITS	29	38	3
153C1A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	44	3
153C1A0435	RT31043	CONTROL SYSTEMS	27	35	3
153C1A0435	RT31044	DIGITAL SYSTEM DESIGN & DICA	30	42	3
153C1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	23	37	3
153C1A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
153C1A0435	RT31048	LICA LAB	25	46	2
153C1A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	49	2
153C1A0436	RT31016	IPR & PATENTS	27	42	2
153C1A0436	RT31041	PULSE & DIGITAL CIRCUITS	23	30	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	28	3
153C1A0436	RT31043	CONTROL SYSTEMS	25	24	3
153C1A0436	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	24	3
153C1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	19	11	0
153C1A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	47	2
153C1A0436	RT31048	LICA LAB	20	30	2
153C1A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	36	2
153C1A0437	RT31016	IPR & PATENTS	17	25	2
153C1A0437	RT31041	PULSE & DIGITAL CIRCUITS	19	9	0
153C1A0437	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	19	0
153C1A0437	RT31043	CONTROL SYSTEMS	22	19	0
153C1A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	8	0
153C1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	19	17	0
153C1A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	45	2
153C1A0437	RT31048	LICA LAB	20	40	2
153C1A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	33	2
153C1A0438	RT31016	IPR & PATENTS	19	6	0
153C1A0438	RT31041	PULSE & DIGITAL CIRCUITS	14	7	0
153C1A0438	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	13	0
153C1A0438	RT31043	CONTROL SYSTEMS	24	24	3
153C1A0438	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	25	3
153C1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	15	5	0
153C1A0438	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
153C1A0438	RT31048	LICA LAB	22	30	2
153C1A0438	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	40	2
153C1A0440	RT31016	IPR & PATENTS	29	43	2
153C1A0440	RT31041	PULSE & DIGITAL CIRCUITS	28	41	3
153C1A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	44	3
153C1A0440	RT31043	CONTROL SYSTEMS	30	58	3
153C1A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	30	59	3
153C1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	28	42	3
153C1A0440	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
153C1A0440	RT31048	LICA LAB	24	46	2
153C1A0440	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
153C1A0441	RT31016	IPR & PATENTS	28	42	2
153C1A0441	RT31041	PULSE & DIGITAL CIRCUITS	26	24	3
153C1A0441	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	27	3
153C1A0441	RT31043	CONTROL SYSTEMS	27	24	3
153C1A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	24	3
153C1A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	19	14	0
153C1A0441	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
153C1A0441	RT31048	LICA LAB	23	38	2
153C1A0441	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	36	2
153C1A0442	RT31016	IPR & PATENTS	24	44	2
153C1A0442	RT31041	PULSE & DIGITAL CIRCUITS	28	31	3
153C1A0442	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	43	3
153C1A0442	RT31043	CONTROL SYSTEMS	28	35	3
153C1A0442	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	31	3
153C1A0442	RT31045	ANTENNAS AND WAVE PROPAGATION	23	32	3
153C1A0442	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0442	RT31048	LICA LAB	21	45	2
153C1A0442	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	38	2
153C1A0443	RT31016	IPR & PATENTS	30	12	0
153C1A0443	RT31041	PULSE & DIGITAL CIRCUITS	30	47	3
153C1A0443	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	47	3
153C1A0443	RT31043	CONTROL SYSTEMS	30	54	3
153C1A0443	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	52	3
153C1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	28	29	3
153C1A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
153C1A0443	RT31048	LICA LAB	25	49	2
153C1A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	50	2
153C1A0501	RT31051	COMPILER DESIGN	21	3	0
153C1A0501	RT31052	DATA COMMUNICATION	21	5	0
153C1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	9	0
153C1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	18	12	0
153C1A0501	RT31055	OPERATING SYSTEMS	18	5	0
153C1A0501	RT31056	COMPILER DESIGN LAB	18	30	2
153C1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	37	2
153C1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	34	2
153C1A0501	RT31059	SEMINAR	35	0	1
153C1A0502	RT31051	COMPILER DESIGN	30	39	3
153C1A0502	RT31052	DATA COMMUNICATION	30	66	3
153C1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	44	3
153C1A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	30	48	3
153C1A0502	RT31055	OPERATING SYSTEMS	30	50	3
153C1A0502	RT31056	COMPILER DESIGN LAB	25	50	2
153C1A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
153C1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	40	2
153C1A0502	RT31059	SEMINAR	48	0	1
153C1A0503	RT31051	COMPILER DESIGN	24	18	0
153C1A0503	RT31052	DATA COMMUNICATION	27	21	0
153C1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	0	0
153C1A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	28	8	0
153C1A0503	RT31055	OPERATING SYSTEMS	24	26	3
153C1A0503	RT31056	COMPILER DESIGN LAB	23	40	2
153C1A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
153C1A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
153C1A0503	RT31059	SEMINAR	44	0	1
153C1A0504	RT31051	COMPILER DESIGN	20	7	0
153C1A0504	RT31052	DATA COMMUNICATION	18	18	0
153C1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	14	31	3
153C1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	17	6	0
153C1A0504	RT31055	OPERATING SYSTEMS	16	0	0
153C1A0504	RT31056	COMPILER DESIGN LAB	20	29	2
153C1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	38	2
153C1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	37	2
153C1A0504	RT31059	SEMINAR	33	0	1
153C1A0505	RT31051	COMPILER DESIGN	27	36	3
153C1A0505	RT31052	DATA COMMUNICATION	22	14	0
153C1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	23	47	3
153C1A0505	RT31055	OPERATING SYSTEMS	24	30	3
153C1A0505	RT31056	COMPILER DESIGN LAB	23	44	2
153C1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	41	2
153C1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
153C1A0505	RT31059	SEMINAR	40	0	1
153C1A0506	RT31051	COMPILER DESIGN	19	12	0
153C1A0506	RT31052	DATA COMMUNICATION	24	39	3
153C1A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	31	3
153C1A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	20	28	3
153C1A0506	RT31055	OPERATING SYSTEMS	19	42	3
153C1A0506	RT31056	COMPILER DESIGN LAB	23	44	2
153C1A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	37	2
153C1A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	30	2
153C1A0506	RT31059	SEMINAR	40	0	1
153C1A0507	RT31051	COMPILER DESIGN	27	45	3
153C1A0507	RT31052	DATA COMMUNICATION	24	39	3
153C1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	34	3
153C1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	28	16	0
153C1A0507	RT31055	OPERATING SYSTEMS	25	42	3
153C1A0507	RT31056	COMPILER DESIGN LAB	24	48	2
153C1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	40	2
153C1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
153C1A0507	RT31059	SEMINAR	44	0	1
153C1A0508	RT31051	COMPILER DESIGN	16	-1	0
153C1A0508	RT31052	DATA COMMUNICATION	16	-1	0
153C1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	-1	0
153C1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	16	-1	0
153C1A0508	RT31055	OPERATING SYSTEMS	14	-1	0
153C1A0508	RT31056	COMPILER DESIGN LAB	13	-1	0
153C1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	-1	0
153C1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	13	-1	0
153C1A0508	RT31059	SEMINAR	30	0	1
153C1A0509	RT31051	COMPILER DESIGN	22	24	3
153C1A0509	RT31052	DATA COMMUNICATION	22	7	0
153C1A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	31	3
153C1A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	23	36	3
153C1A0509	RT31055	OPERATING SYSTEMS	17	25	3
153C1A0509	RT31056	COMPILER DESIGN LAB	23	48	2
153C1A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	38	2
153C1A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
153C1A0509	RT31059	SEMINAR	39	0	1
153C1A0510	RT31051	COMPILER DESIGN	29	28	3
153C1A0510	RT31052	DATA COMMUNICATION	25	42	3
153C1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	40	3
153C1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	28	30	3
153C1A0510	RT31055	OPERATING SYSTEMS	28	24	3
153C1A0510	RT31056	COMPILER DESIGN LAB	23	45	2
153C1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	42	2
153C1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
153C1A0510	RT31059	SEMINAR	44	0	1
153C1A0511	RT31051	COMPILER DESIGN	20	10	0
153C1A0511	RT31052	DATA COMMUNICATION	23	16	0
153C1A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	13	0
153C1A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	22	16	0
153C1A0511	RT31055	OPERATING SYSTEMS	20	26	3
153C1A0511	RT31056	COMPILER DESIGN LAB	22	47	2
153C1A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
153C1A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	35	2
153C1A0511	RT31059	SEMINAR	42	0	1
153C1A0512	RT31051	COMPILER DESIGN	20	3	0
153C1A0512	RT31052	DATA COMMUNICATION	20	15	0
153C1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	6	0
153C1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	18	3	0
153C1A0512	RT31055	OPERATING SYSTEMS	15	3	0
153C1A0512	RT31056	COMPILER DESIGN LAB	20	44	2
153C1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	38	2
153C1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	30	2
153C1A0512	RT31059	SEMINAR	42	0	1
153C1A0513	RT31051	COMPILER DESIGN	27	32	3
153C1A0513	RT31052	DATA COMMUNICATION	23	18	0
153C1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	24	3
153C1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	21	42	3
153C1A0513	RT31055	OPERATING SYSTEMS	26	16	0
153C1A0513	RT31056	COMPILER DESIGN LAB	24	47	2
153C1A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	42	2
153C1A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	40	2
153C1A0513	RT31059	SEMINAR	45	0	1
153C1A0514	RT31051	COMPILER DESIGN	27	28	3
153C1A0514	RT31052	DATA COMMUNICATION	24	38	3
153C1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	31	3
153C1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	23	30	3
153C1A0514	RT31055	OPERATING SYSTEMS	22	29	3
153C1A0514	RT31056	COMPILER DESIGN LAB	24	48	2
153C1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	41	2
153C1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	40	2
153C1A0514	RT31059	SEMINAR	45	0	1
153C1A0516	RT31051	COMPILER DESIGN	29	27	3
153C1A0516	RT31052	DATA COMMUNICATION	27	26	3
153C1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	12	0
153C1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	27	30	3
153C1A0516	RT31055	OPERATING SYSTEMS	22	39	3
153C1A0516	RT31056	COMPILER DESIGN LAB	23	47	2
153C1A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	41	2
153C1A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
153C1A0516	RT31059	SEMINAR	43	0	1
153C1A0517	RT31051	COMPILER DESIGN	18	3	0
153C1A0517	RT31052	DATA COMMUNICATION	18	10	0
153C1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	31	3
153C1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	16	9	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0517	RT31055	OPERATING SYSTEMS	18	4	0
153C1A0517	RT31056	COMPILER DESIGN LAB	20	33	2
153C1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
153C1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	33	2
153C1A0517	RT31059	SEMINAR	40	0	1
153C1A0518	RT31051	COMPILER DESIGN	23	29	3
153C1A0518	RT31052	DATA COMMUNICATION	22	13	0
153C1A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	25	3
153C1A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	20	40	3
153C1A0518	RT31055	OPERATING SYSTEMS	22	26	3
153C1A0518	RT31056	COMPILER DESIGN LAB	21	40	2
153C1A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	39	2
153C1A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	30	2
153C1A0518	RT31059	SEMINAR	39	0	1
153C1A0520	RT31051	COMPILER DESIGN	19	11	0
153C1A0520	RT31052	DATA COMMUNICATION	20	30	3
153C1A0520	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	31	3
153C1A0520	RT31054	DATABASE MANAGEMENT SYSTEMS	16	13	0
153C1A0520	RT31055	OPERATING SYSTEMS	18	7	0
153C1A0520	RT31056	COMPILER DESIGN LAB	22	41	2
153C1A0520	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	40	2
153C1A0520	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	31	2
153C1A0520	RT31059	SEMINAR	41	0	1
153C1A0521	RT31051	COMPILER DESIGN	29	45	3
153C1A0521	RT31052	DATA COMMUNICATION	29	33	3
153C1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	31	3
153C1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	25	48	3
153C1A0521	RT31055	OPERATING SYSTEMS	28	34	3
153C1A0521	RT31056	COMPILER DESIGN LAB	24	48	2
153C1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
153C1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
153C1A0521	RT31059	SEMINAR	47	0	1
153C1A0522	RT31051	COMPILER DESIGN	30	40	3
153C1A0522	RT31052	DATA COMMUNICATION	30	34	3
153C1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	30	36	3
153C1A0522	RT31054	DATABASE MANAGEMENT SYSTEMS	30	41	3
153C1A0522	RT31055	OPERATING SYSTEMS	29	65	3
153C1A0522	RT31056	COMPILER DESIGN LAB	25	49	2
153C1A0522	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
153C1A0522	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
153C1A0522	RT31059	SEMINAR	48	0	1
153C1A0523	RT31051	COMPILER DESIGN	22	36	3
153C1A0523	RT31052	DATA COMMUNICATION	24	16	0
153C1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	26	3
153C1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	24	41	3
153C1A0523	RT31055	OPERATING SYSTEMS	21	15	0
153C1A0523	RT31056	COMPILER DESIGN LAB	22	38	2
153C1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	38	2
153C1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	37	2
153C1A0523	RT31059	SEMINAR	37	0	1

Htno	Subcode	Subname	Internal	External	Credits
153C1A0524	RT31051	COMPILER DESIGN	17	12	0
153C1A0524	RT31052	DATA COMMUNICATION	20	28	3
153C1A0524	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	18	0
153C1A0524	RT31054	DATABASE MANAGEMENT SYSTEMS	20	28	3
153C1A0524	RT31055	OPERATING SYSTEMS	21	16	0
153C1A0524	RT31056	COMPILER DESIGN LAB	20	38	2
153C1A0524	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	39	2
153C1A0524	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	35	2
153C1A0524	RT31059	SEMINAR	40	0	1
153C1A0525	RT31051	COMPILER DESIGN	24	33	3
153C1A0525	RT31052	DATA COMMUNICATION	26	32	3
153C1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	27	3
153C1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	24	30	3
153C1A0525	RT31055	OPERATING SYSTEMS	23	30	3
153C1A0525	RT31056	COMPILER DESIGN LAB	24	47	2
153C1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	38	2
153C1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	45	2
153C1A0525	RT31059	SEMINAR	44	0	1
153C1A0526	RT31051	COMPILER DESIGN	21	10	0
153C1A0526	RT31052	DATA COMMUNICATION	24	17	0
153C1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	45	3
153C1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	22	13	0
153C1A0526	RT31055	OPERATING SYSTEMS	19	35	3
153C1A0526	RT31056	COMPILER DESIGN LAB	21	41	2
153C1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	37	2
153C1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
153C1A0526	RT31059	SEMINAR	45	0	1
153C1A0527	RT31051	COMPILER DESIGN	25	36	3
153C1A0527	RT31052	DATA COMMUNICATION	24	25	3
153C1A0527	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	26	3
153C1A0527	RT31054	DATABASE MANAGEMENT SYSTEMS	24	16	0
153C1A0527	RT31055	OPERATING SYSTEMS	21	16	0
153C1A0527	RT31056	COMPILER DESIGN LAB	22	42	2
153C1A0527	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
153C1A0527	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
153C1A0527	RT31059	SEMINAR	35	0	1
153C1A0528	RT31051	COMPILER DESIGN	20	12	0
153C1A0528	RT31052	DATA COMMUNICATION	23	31	3
153C1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	11	0
153C1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	19	8	0
153C1A0528	RT31055	OPERATING SYSTEMS	15	5	0
153C1A0528	RT31056	COMPILER DESIGN LAB	21	42	2
153C1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
153C1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	35	2
153C1A0528	RT31059	SEMINAR	42	0	1
153C1A0529	RT31051	COMPILER DESIGN	24	26	3
153C1A0529	RT31052	DATA COMMUNICATION	24	29	3
153C1A0529	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	17	0
153C1A0529	RT31054	DATABASE MANAGEMENT SYSTEMS	25	30	3
153C1A0529	RT31055	OPERATING SYSTEMS	25	24	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0529	RT31056	COMPILER DESIGN LAB	23	44	2
153C1A0529	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	40	2
153C1A0529	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	47	2
153C1A0529	RT31059	SEMINAR	43	0	1
153C1A0530	RT31051	COMPILER DESIGN	27	24	3
153C1A0530	RT31052	DATA COMMUNICATION	24	24	3
153C1A0530	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	34	3
153C1A0530	RT31054	DATABASE MANAGEMENT SYSTEMS	21	24	3
153C1A0530	RT31055	OPERATING SYSTEMS	22	14	0
153C1A0530	RT31056	COMPILER DESIGN LAB	24	45	2
153C1A0530	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
153C1A0530	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	47	2
153C1A0530	RT31059	SEMINAR	45	0	1
153C1A0531	RT31051	COMPILER DESIGN	27	36	3
153C1A0531	RT31052	DATA COMMUNICATION	24	24	3
153C1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	31	3
153C1A0531	RT31054	DATABASE MANAGEMENT SYSTEMS	23	28	3
153C1A0531	RT31055	OPERATING SYSTEMS	21	25	3
153C1A0531	RT31056	COMPILER DESIGN LAB	25	42	2
153C1A0531	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	42	2
153C1A0531	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	47	2
153C1A0531	RT31059	SEMINAR	42	0	1
153C1A0532	RT31051	COMPILER DESIGN	17	3	0
153C1A0532	RT31052	DATA COMMUNICATION	19	24	3
153C1A0532	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	14	4	0
153C1A0532	RT31054	DATABASE MANAGEMENT SYSTEMS	17	7	0
153C1A0532	RT31055	OPERATING SYSTEMS	17	7	0
153C1A0532	RT31056	COMPILER DESIGN LAB	23	42	2
153C1A0532	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
153C1A0532	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	17	30	2
153C1A0532	RT31059	SEMINAR	40	0	1
153C1A0533	RT31051	COMPILER DESIGN	21	8	0
153C1A0533	RT31052	DATA COMMUNICATION	24	28	3
153C1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	12	0
153C1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	24	18	0
153C1A0533	RT31055	OPERATING SYSTEMS	23	29	3
153C1A0533	RT31056	COMPILER DESIGN LAB	21	40	2
153C1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
153C1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	41	2
153C1A0533	RT31059	SEMINAR	42	0	1
153C1A0534	RT31051	COMPILER DESIGN	22	10	0
153C1A0534	RT31052	DATA COMMUNICATION	22	18	0
153C1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	3	0
153C1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	25	16	0
153C1A0534	RT31055	OPERATING SYSTEMS	24	2	0
153C1A0534	RT31056	COMPILER DESIGN LAB	23	46	2
153C1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	40	2
153C1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
153C1A0534	RT31059	SEMINAR	44	0	1
153C1A0535	RT31051	COMPILER DESIGN	21	34	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0535	RT31052	DATA COMMUNICATION	26	16	0
153C1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	7	0
153C1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	26	26	3
153C1A0535	RT31055	OPERATING SYSTEMS	23	24	3
153C1A0535	RT31056	COMPILER DESIGN LAB	24	42	2
153C1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
153C1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
153C1A0535	RT31059	SEMINAR	47	0	1
153C1A0536	RT31051	COMPILER DESIGN	25	24	3
153C1A0536	RT31052	DATA COMMUNICATION	26	46	3
153C1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	32	3
153C1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	27	44	3
153C1A0536	RT31055	OPERATING SYSTEMS	27	36	3
153C1A0536	RT31056	COMPILER DESIGN LAB	24	48	2
153C1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
153C1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
153C1A0536	RT31059	SEMINAR	41	0	1
153C1A0537	RT31051	COMPILER DESIGN	23	26	3
153C1A0537	RT31052	DATA COMMUNICATION	20	27	3
153C1A0537	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	41	3
153C1A0537	RT31054	DATABASE MANAGEMENT SYSTEMS	21	11	0
153C1A0537	RT31055	OPERATING SYSTEMS	20	12	0
153C1A0537	RT31056	COMPILER DESIGN LAB	23	42	2
153C1A0537	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
153C1A0537	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	16	30	2
153C1A0537	RT31059	SEMINAR	45	0	1
153C1A0538	RT31051	COMPILER DESIGN	29	24	3
153C1A0538	RT31052	DATA COMMUNICATION	28	56	3
153C1A0538	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	40	3
153C1A0538	RT31054	DATABASE MANAGEMENT SYSTEMS	27	26	3
153C1A0538	RT31055	OPERATING SYSTEMS	26	40	3
153C1A0538	RT31056	COMPILER DESIGN LAB	24	42	2
153C1A0538	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
153C1A0538	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
153C1A0538	RT31059	SEMINAR	45	0	1
153C1A0539	RT31051	COMPILER DESIGN	23	12	0
153C1A0539	RT31052	DATA COMMUNICATION	22	24	3
153C1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	32	3
153C1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	24	43	3
153C1A0539	RT31055	OPERATING SYSTEMS	22	17	0
153C1A0539	RT31056	COMPILER DESIGN LAB	23	45	2
153C1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	38	2
153C1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	38	2
153C1A0539	RT31059	SEMINAR	40	0	1
153C5A0201	RT31025	POWER ELECTRONICS	23	26	3
153C5A0203	RT31021	ELECTRICAL MEASUREMENTS	22	18	0
153C5A0204	RT31025	POWER ELECTRONICS	22	17	0
153C5A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	24	3
153C5A0205	RT31022	MEFA	28	34	3
153C5A0206	RT31022	MEFA	22	12	0

Htno	Subcode	Subname	Internal	External	Credits
153C5A0304	RT31035	THERMAL ENGINEERING-II	30	10	0
153C5A0310	RT31031	DYNAMICS OF MACHINERY	24	21	0
153C5A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	33	3
153C5A0315	RT31031	DYNAMICS OF MACHINERY	22	10	0
153C5A0317	RT31031	DYNAMICS OF MACHINERY	24	33	3
153C5A0319	RT31035	THERMAL ENGINEERING-II	27	35	3
153C5A0321	RT31031	DYNAMICS OF MACHINERY	25	31	3
153C5A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	35	3
153C5A0323	RT31035	THERMAL ENGINEERING-II	30	38	3
153C5A0324	RT31031	DYNAMICS OF MACHINERY	18	0	0
153C5A0324	RT31035	THERMAL ENGINEERING-II	27	24	3
153C5A0328	RT31031	DYNAMICS OF MACHINERY	21	14	0
153C5A0336	RT31035	THERMAL ENGINEERING-II	27	9	0
153C5A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	35	3
153C5A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	16	29	3
153C5A0405	RT31041	PULSE & DIGITAL CIRCUITS	14	28	3
153C5A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	34	3
153C5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	17	24	3
153C5A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	19	27	3
153C5A0409	RT31041	PULSE & DIGITAL CIRCUITS	11	33	3
153C5A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	0	0
153C5A0409	RT31043	CONTROL SYSTEMS	20	10	0
153C5A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	30	3
153C5A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	19	24	3
153C5A0412	RT31041	PULSE & DIGITAL CIRCUITS	14	14	0
153C5A0413	RT31041	PULSE & DIGITAL CIRCUITS	18	18	0
153C5A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	24	3
153C5A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	38	3
153C5A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	19	34	3
153C5A0416	RT31041	PULSE & DIGITAL CIRCUITS	18	47	3
153C5A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	14	12	0
153C5A0418	RT31041	PULSE & DIGITAL CIRCUITS	19	17	0
153C5A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	29	3
153C5A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	18	-1	0
153C5A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	19	24	3
163C5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	27	24	3
163C5A0101	RT31012	STRUCTURAL ANALYSIS-II	23	41	3
163C5A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	50	3
163C5A0101	RT31014	ENGINEERING GEOLOGY	27	34	3
163C5A0101	RT31015	TRANSPORTATION ENGINEERING-I	25	31	3
163C5A0101	RT31016	IPR & PATENTS	25	37	2
163C5A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
163C5A0101	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
163C5A0102	RT31011	GEOTECHNICAL ENGINEERING-I	24	69	3
163C5A0102	RT31012	STRUCTURAL ANALYSIS-II	29	46	3
163C5A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	52	3
163C5A0102	RT31014	ENGINEERING GEOLOGY	29	42	3
163C5A0102	RT31015	TRANSPORTATION ENGINEERING-I	30	48	3
163C5A0102	RT31016	IPR & PATENTS	28	24	2
163C5A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
163C5A0102	RT31018	ENGINEERING GEOLOGY LAB	25	48	2
163C5A0103	RT31011	GEOTECHNICAL ENGINEERING-I	25	31	3
163C5A0103	RT31012	STRUCTURAL ANALYSIS-II	29	38	3
163C5A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	33	3
163C5A0103	RT31014	ENGINEERING GEOLOGY	26	42	3
163C5A0103	RT31015	TRANSPORTATION ENGINEERING-I	27	35	3
163C5A0103	RT31016	IPR & PATENTS	24	48	2
163C5A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
163C5A0103	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
163C5A0104	RT31011	GEOTECHNICAL ENGINEERING-I	21	24	3
163C5A0104	RT31012	STRUCTURAL ANALYSIS-II	23	16	0
163C5A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	55	3
163C5A0104	RT31014	ENGINEERING GEOLOGY	29	24	3
163C5A0104	RT31015	TRANSPORTATION ENGINEERING-I	26	42	3
163C5A0104	RT31016	IPR & PATENTS	21	11	0
163C5A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
163C5A0104	RT31018	ENGINEERING GEOLOGY LAB	21	47	2
163C5A0105	RT31011	GEOTECHNICAL ENGINEERING-I	24	43	3
163C5A0105	RT31012	STRUCTURAL ANALYSIS-II	25	30	3
163C5A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	49	3
163C5A0105	RT31014	ENGINEERING GEOLOGY	25	26	3
163C5A0105	RT31015	TRANSPORTATION ENGINEERING-I	25	41	3
163C5A0105	RT31016	IPR & PATENTS	24	35	2
163C5A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
163C5A0105	RT31018	ENGINEERING GEOLOGY LAB	20	48	2
163C5A0106	RT31011	GEOTECHNICAL ENGINEERING-I	25	58	3
163C5A0106	RT31012	STRUCTURAL ANALYSIS-II	28	24	3
163C5A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	48	3
163C5A0106	RT31014	ENGINEERING GEOLOGY	30	37	3
163C5A0106	RT31015	TRANSPORTATION ENGINEERING-I	29	43	3
163C5A0106	RT31016	IPR & PATENTS	24	19	0
163C5A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
163C5A0106	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
163C5A0107	RT31011	GEOTECHNICAL ENGINEERING-I	29	35	3
163C5A0107	RT31012	STRUCTURAL ANALYSIS-II	28	44	3
163C5A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	24	3
163C5A0107	RT31014	ENGINEERING GEOLOGY	29	42	3
163C5A0107	RT31015	TRANSPORTATION ENGINEERING-I	27	55	3
163C5A0107	RT31016	IPR & PATENTS	26	44	2
163C5A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
163C5A0107	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
163C5A0108	RT31011	GEOTECHNICAL ENGINEERING-I	13	18	0
163C5A0108	RT31012	STRUCTURAL ANALYSIS-II	24	30	3
163C5A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	36	3
163C5A0108	RT31014	ENGINEERING GEOLOGY	27	29	3
163C5A0108	RT31015	TRANSPORTATION ENGINEERING-I	21	44	3
163C5A0108	RT31016	IPR & PATENTS	20	16	0
163C5A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
163C5A0108	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
163C5A0109	RT31011	GEOTECHNICAL ENGINEERING-I	28	43	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0109	RT31012	STRUCTURAL ANALYSIS-II	28	44	3
163C5A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	56	3
163C5A0109	RT31014	ENGINEERING GEOLOGY	28	29	3
163C5A0109	RT31015	TRANSPORTATION ENGINEERING-I	28	46	3
163C5A0109	RT31016	IPR & PATENTS	23	25	2
163C5A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
163C5A0109	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
163C5A0110	RT31011	GEOTECHNICAL ENGINEERING-I	20	46	3
163C5A0110	RT31012	STRUCTURAL ANALYSIS-II	26	30	3
163C5A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	34	3
163C5A0110	RT31014	ENGINEERING GEOLOGY	25	38	3
163C5A0110	RT31015	TRANSPORTATION ENGINEERING-I	23	39	3
163C5A0110	RT31016	IPR & PATENTS	23	8	0
163C5A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
163C5A0110	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
163C5A0111	RT31011	GEOTECHNICAL ENGINEERING-I	18	27	3
163C5A0111	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
163C5A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	28	3
163C5A0111	RT31014	ENGINEERING GEOLOGY	18	24	3
163C5A0111	RT31015	TRANSPORTATION ENGINEERING-I	20	38	3
163C5A0111	RT31016	IPR & PATENTS	17	45	2
163C5A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
163C5A0111	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
163C5A0112	RT31011	GEOTECHNICAL ENGINEERING-I	23	30	3
163C5A0112	RT31012	STRUCTURAL ANALYSIS-II	25	44	3
163C5A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	40	3
163C5A0112	RT31014	ENGINEERING GEOLOGY	28	31	3
163C5A0112	RT31015	TRANSPORTATION ENGINEERING-I	25	51	3
163C5A0112	RT31016	IPR & PATENTS	21	13	0
163C5A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
163C5A0112	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
163C5A0113	RT31011	GEOTECHNICAL ENGINEERING-I	19	39	3
163C5A0113	RT31012	STRUCTURAL ANALYSIS-II	21	35	3
163C5A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	44	3
163C5A0113	RT31014	ENGINEERING GEOLOGY	20	27	3
163C5A0113	RT31015	TRANSPORTATION ENGINEERING-I	25	38	3
163C5A0113	RT31016	IPR & PATENTS	11	31	2
163C5A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
163C5A0113	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
163C5A0114	RT31011	GEOTECHNICAL ENGINEERING-I	17	35	3
163C5A0114	RT31012	STRUCTURAL ANALYSIS-II	18	17	0
163C5A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	20	0
163C5A0114	RT31014	ENGINEERING GEOLOGY	20	27	3
163C5A0114	RT31015	TRANSPORTATION ENGINEERING-I	21	42	3
163C5A0114	RT31016	IPR & PATENTS	21	14	0
163C5A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
163C5A0114	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
163C5A0115	RT31011	GEOTECHNICAL ENGINEERING-I	20	24	3
163C5A0115	RT31012	STRUCTURAL ANALYSIS-II	29	34	3
163C5A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	33	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0115	RT31014	ENGINEERING GEOLOGY	29	37	3
163C5A0115	RT31015	TRANSPORTATION ENGINEERING-I	22	40	3
163C5A0115	RT31016	IPR & PATENTS	26	41	2
163C5A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	22	44	2
163C5A0115	RT31018	ENGINEERING GEOLOGY LAB	21	45	2
163C5A0116	RT31011	GEOTECHNICAL ENGINEERING-I	26	35	3
163C5A0116	RT31012	STRUCTURAL ANALYSIS-II	26	36	3
163C5A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	32	3
163C5A0116	RT31014	ENGINEERING GEOLOGY	23	26	3
163C5A0116	RT31015	TRANSPORTATION ENGINEERING-I	26	61	3
163C5A0116	RT31016	IPR & PATENTS	18	13	0
163C5A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
163C5A0116	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
163C5A0201	RT31016	IPR & PATENTS	24	28	2
163C5A0201	RT31021	ELECTRICAL MEASUREMENTS	22	26	3
163C5A0201	RT31022	MEFA	24	44	3
163C5A0201	RT31023	POWER SYSTEMS-II	25	26	3
163C5A0201	RT31024	ELECTRICAL MACHINES-III	25	36	3
163C5A0201	RT31025	POWER ELECTRONICS	17	16	0
163C5A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	7	0
163C5A0201	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
163C5A0201	RT31028	CONTROL SYSTEMS LAB	23	47	2
163C5A0202	RT31016	IPR & PATENTS	19	46	2
163C5A0202	RT31021	ELECTRICAL MEASUREMENTS	23	35	3
163C5A0202	RT31022	MEFA	23	37	3
163C5A0202	RT31023	POWER SYSTEMS-II	23	24	3
163C5A0202	RT31024	ELECTRICAL MACHINES-III	23	38	3
163C5A0202	RT31025	POWER ELECTRONICS	19	17	0
163C5A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	30	3
163C5A0202	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
163C5A0202	RT31028	CONTROL SYSTEMS LAB	25	47	2
163C5A0203	RT31016	IPR & PATENTS	26	43	2
163C5A0203	RT31021	ELECTRICAL MEASUREMENTS	27	32	3
163C5A0203	RT31022	MEFA	27	50	3
163C5A0203	RT31023	POWER SYSTEMS-II	29	40	3
163C5A0203	RT31024	ELECTRICAL MACHINES-III	28	38	3
163C5A0203	RT31025	POWER ELECTRONICS	25	40	3
163C5A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	29	38	3
163C5A0203	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
163C5A0203	RT31028	CONTROL SYSTEMS LAB	23	48	2
163C5A0204	RT31016	IPR & PATENTS	16	39	2
163C5A0204	RT31021	ELECTRICAL MEASUREMENTS	25	30	3
163C5A0204	RT31022	MEFA	27	15	0
163C5A0204	RT31023	POWER SYSTEMS-II	23	24	3
163C5A0204	RT31024	ELECTRICAL MACHINES-III	22	25	3
163C5A0204	RT31025	POWER ELECTRONICS	20	24	3
163C5A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	15	0
163C5A0204	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
163C5A0204	RT31028	CONTROL SYSTEMS LAB	23	46	2
163C5A0205	RT31016	IPR & PATENTS	25	24	2

Htno	Subcode	Subname	Internal	External	Credits
163C5A0205	RT31021	ELECTRICAL MEASUREMENTS	19	24	3
163C5A0205	RT31022	MEFA	20	38	3
163C5A0205	RT31023	POWER SYSTEMS-II	27	25	3
163C5A0205	RT31024	ELECTRICAL MACHINES-III	25	33	3
163C5A0205	RT31025	POWER ELECTRONICS	25	25	3
163C5A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	38	3
163C5A0205	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
163C5A0205	RT31028	CONTROL SYSTEMS LAB	23	46	2
163C5A0206	RT31016	IPR & PATENTS	21	50	2
163C5A0206	RT31021	ELECTRICAL MEASUREMENTS	20	45	3
163C5A0206	RT31022	MEFA	24	43	3
163C5A0206	RT31023	POWER SYSTEMS-II	27	27	3
163C5A0206	RT31024	ELECTRICAL MACHINES-III	27	24	3
163C5A0206	RT31025	POWER ELECTRONICS	25	11	0
163C5A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	28	3
163C5A0206	RT31027	ELECTRICAL MACHINES-II LAB	23	47	2
163C5A0206	RT31028	CONTROL SYSTEMS LAB	23	47	2
163C5A0207	RT31016	IPR & PATENTS	20	28	2
163C5A0207	RT31021	ELECTRICAL MEASUREMENTS	15	25	3
163C5A0207	RT31022	MEFA	24	24	3
163C5A0207	RT31023	POWER SYSTEMS-II	18	7	0
163C5A0207	RT31024	ELECTRICAL MACHINES-III	18	24	3
163C5A0207	RT31025	POWER ELECTRONICS	17	28	3
163C5A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	9	0
163C5A0207	RT31027	ELECTRICAL MACHINES-II LAB	23	45	2
163C5A0207	RT31028	CONTROL SYSTEMS LAB	22	44	2
163C5A0208	RT31016	IPR & PATENTS	21	35	2
163C5A0208	RT31021	ELECTRICAL MEASUREMENTS	15	32	3
163C5A0208	RT31022	MEFA	18	13	0
163C5A0208	RT31023	POWER SYSTEMS-II	25	16	0
163C5A0208	RT31024	ELECTRICAL MACHINES-III	25	12	0
163C5A0208	RT31025	POWER ELECTRONICS	18	12	0
163C5A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	15	0
163C5A0208	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
163C5A0208	RT31028	CONTROL SYSTEMS LAB	24	46	2
163C5A0209	RT31016	IPR & PATENTS	17	26	2
163C5A0209	RT31021	ELECTRICAL MEASUREMENTS	23	30	3
163C5A0209	RT31022	MEFA	24	50	3
163C5A0209	RT31023	POWER SYSTEMS-II	28	24	3
163C5A0209	RT31024	ELECTRICAL MACHINES-III	26	38	3
163C5A0209	RT31025	POWER ELECTRONICS	23	44	3
163C5A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	34	3
163C5A0209	RT31027	ELECTRICAL MACHINES-II LAB	23	45	2
163C5A0209	RT31028	CONTROL SYSTEMS LAB	24	47	2
163C5A0210	RT31016	IPR & PATENTS	16	51	2
163C5A0210	RT31021	ELECTRICAL MEASUREMENTS	24	44	3
163C5A0210	RT31022	MEFA	26	42	3
163C5A0210	RT31023	POWER SYSTEMS-II	27	32	3
163C5A0210	RT31024	ELECTRICAL MACHINES-III	27	36	3
163C5A0210	RT31025	POWER ELECTRONICS	25	17	0

Htno	Subcode	Subname	Internal	External	Credits
163C5A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	15	0
163C5A0210	RT31027	ELECTRICAL MACHINES-II LAB	23	46	2
163C5A0210	RT31028	CONTROL SYSTEMS LAB	23	46	2
163C5A0301	RT31016	IPR & PATENTS	20	33	2
163C5A0301	RT31031	DYNAMICS OF MACHINERY	28	24	3
163C5A0301	RT31032	METAL CUTTING & MACHINE TOOLS	27	45	3
163C5A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	17	37	3
163C5A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	40	3
163C5A0301	RT31035	THERMAL ENGINEERING-II	25	37	3
163C5A0301	RT31036	METROLOGY	23	34	3
163C5A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
163C5A0301	RT31038	MACHINE TOOLS LAB	22	46	2
163C5A0302	RT31016	IPR & PATENTS	17	35	2
163C5A0302	RT31031	DYNAMICS OF MACHINERY	29	29	3
163C5A0302	RT31032	METAL CUTTING & MACHINE TOOLS	25	32	3
163C5A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	29	34	3
163C5A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	2	0
163C5A0302	RT31035	THERMAL ENGINEERING-II	24	33	3
163C5A0302	RT31036	METROLOGY	26	39	3
163C5A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
163C5A0302	RT31038	MACHINE TOOLS LAB	22	45	2
163C5A0303	RT31016	IPR & PATENTS	16	57	2
163C5A0303	RT31031	DYNAMICS OF MACHINERY	24	31	3
163C5A0303	RT31032	METAL CUTTING & MACHINE TOOLS	25	35	3
163C5A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	27	34	3
163C5A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	48	3
163C5A0303	RT31035	THERMAL ENGINEERING-II	24	49	3
163C5A0303	RT31036	METROLOGY	21	44	3
163C5A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
163C5A0303	RT31038	MACHINE TOOLS LAB	20	47	2
163C5A0304	RT31016	IPR & PATENTS	13	55	2
163C5A0304	RT31031	DYNAMICS OF MACHINERY	23	24	3
163C5A0304	RT31032	METAL CUTTING & MACHINE TOOLS	20	35	3
163C5A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	24	31	3
163C5A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	50	3
163C5A0304	RT31035	THERMAL ENGINEERING-II	24	40	3
163C5A0304	RT31036	METROLOGY	25	24	3
163C5A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
163C5A0304	RT31038	MACHINE TOOLS LAB	24	38	2
163C5A0305	RT31016	IPR & PATENTS	22	36	2
163C5A0305	RT31031	DYNAMICS OF MACHINERY	25	47	3
163C5A0305	RT31032	METAL CUTTING & MACHINE TOOLS	27	64	3
163C5A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	24	38	3
163C5A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	56	3
163C5A0305	RT31035	THERMAL ENGINEERING-II	27	51	3
163C5A0305	RT31036	METROLOGY	26	32	3
163C5A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
163C5A0305	RT31038	MACHINE TOOLS LAB	22	46	2
163C5A0306	RT31016	IPR & PATENTS	23	24	2
163C5A0306	RT31031	DYNAMICS OF MACHINERY	24	28	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0306	RT31032	METAL CUTTING & MACHINE TOOLS	25	31	3
163C5A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	26	34	3
163C5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	25	3
163C5A0306	RT31035	THERMAL ENGINEERING-II	25	24	3
163C5A0306	RT31036	METROLOGY	25	25	3
163C5A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
163C5A0306	RT31038	MACHINE TOOLS LAB	25	48	2
163C5A0307	RT31016	IPR & PATENTS	20	41	2
163C5A0307	RT31031	DYNAMICS OF MACHINERY	28	36	3
163C5A0307	RT31032	METAL CUTTING & MACHINE TOOLS	26	35	3
163C5A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	28	32	3
163C5A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	28	27	3
163C5A0307	RT31035	THERMAL ENGINEERING-II	27	31	3
163C5A0307	RT31036	METROLOGY	29	56	3
163C5A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
163C5A0307	RT31038	MACHINE TOOLS LAB	24	44	2
163C5A0308	RT31016	IPR & PATENTS	16	39	2
163C5A0308	RT31031	DYNAMICS OF MACHINERY	27	10	0
163C5A0308	RT31032	METAL CUTTING & MACHINE TOOLS	23	17	0
163C5A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	19	34	3
163C5A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	24	3
163C5A0308	RT31035	THERMAL ENGINEERING-II	27	24	3
163C5A0308	RT31036	METROLOGY	18	10	0
163C5A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
163C5A0308	RT31038	MACHINE TOOLS LAB	24	47	2
163C5A0309	RT31016	IPR & PATENTS	22	36	2
163C5A0309	RT31031	DYNAMICS OF MACHINERY	27	41	3
163C5A0309	RT31032	METAL CUTTING & MACHINE TOOLS	28	35	3
163C5A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	30	33	3
163C5A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	47	3
163C5A0309	RT31035	THERMAL ENGINEERING-II	28	44	3
163C5A0309	RT31036	METROLOGY	29	36	3
163C5A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
163C5A0309	RT31038	MACHINE TOOLS LAB	24	46	2
163C5A0310	RT31016	IPR & PATENTS	9	15	0
163C5A0310	RT31031	DYNAMICS OF MACHINERY	19	24	3
163C5A0310	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
163C5A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	21	10	0
163C5A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	5	0
163C5A0310	RT31035	THERMAL ENGINEERING-II	25	15	0
163C5A0310	RT31036	METROLOGY	16	40	3
163C5A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	21	44	2
163C5A0310	RT31038	MACHINE TOOLS LAB	20	45	2
163C5A0311	RT31016	IPR & PATENTS	20	41	2
163C5A0311	RT31031	DYNAMICS OF MACHINERY	28	34	3
163C5A0311	RT31032	METAL CUTTING & MACHINE TOOLS	29	42	3
163C5A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	26	28	3
163C5A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	35	3
163C5A0311	RT31035	THERMAL ENGINEERING-II	25	24	3
163C5A0311	RT31036	METROLOGY	25	46	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
163C5A0311	RT31038	MACHINE TOOLS LAB	25	47	2
163C5A0312	RT31016	IPR & PATENTS	17	48	2
163C5A0312	RT31031	DYNAMICS OF MACHINERY	28	28	3
163C5A0312	RT31032	METAL CUTTING & MACHINE TOOLS	29	24	3
163C5A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	29	39	3
163C5A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	27	49	3
163C5A0312	RT31035	THERMAL ENGINEERING-II	27	32	3
163C5A0312	RT31036	METROLOGY	27	24	3
163C5A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
163C5A0312	RT31038	MACHINE TOOLS LAB	25	46	2
163C5A0313	RT31016	IPR & PATENTS	19	26	2
163C5A0313	RT31031	DYNAMICS OF MACHINERY	25	18	0
163C5A0313	RT31032	METAL CUTTING & MACHINE TOOLS	27	24	3
163C5A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	21	14	0
163C5A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	24	3
163C5A0313	RT31035	THERMAL ENGINEERING-II	23	30	3
163C5A0313	RT31036	METROLOGY	22	31	3
163C5A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
163C5A0313	RT31038	MACHINE TOOLS LAB	25	45	2
163C5A0314	RT31016	IPR & PATENTS	17	19	0
163C5A0314	RT31031	DYNAMICS OF MACHINERY	25	0	0
163C5A0314	RT31032	METAL CUTTING & MACHINE TOOLS	23	31	3
163C5A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	24	12	0
163C5A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	33	3
163C5A0314	RT31035	THERMAL ENGINEERING-II	17	24	3
163C5A0314	RT31036	METROLOGY	15	28	3
163C5A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
163C5A0314	RT31038	MACHINE TOOLS LAB	25	44	2
163C5A0315	RT31016	IPR & PATENTS	22	44	2
163C5A0315	RT31031	DYNAMICS OF MACHINERY	24	16	0
163C5A0315	RT31032	METAL CUTTING & MACHINE TOOLS	21	35	3
163C5A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	23	17	0
163C5A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	26	3
163C5A0315	RT31035	THERMAL ENGINEERING-II	22	32	3
163C5A0315	RT31036	METROLOGY	28	34	3
163C5A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
163C5A0315	RT31038	MACHINE TOOLS LAB	24	45	2
163C5A0316	RT31016	IPR & PATENTS	16	43	2
163C5A0316	RT31031	DYNAMICS OF MACHINERY	26	30	3
163C5A0316	RT31032	METAL CUTTING & MACHINE TOOLS	23	17	0
163C5A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	27	51	3
163C5A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	45	3
163C5A0316	RT31035	THERMAL ENGINEERING-II	27	41	3
163C5A0316	RT31036	METROLOGY	28	29	3
163C5A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
163C5A0316	RT31038	MACHINE TOOLS LAB	25	36	2
163C5A0317	RT31016	IPR & PATENTS	18	25	2
163C5A0317	RT31031	DYNAMICS OF MACHINERY	24	51	3
163C5A0317	RT31032	METAL CUTTING & MACHINE TOOLS	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	22	18	0
163C5A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	24	3
163C5A0317	RT31035	THERMAL ENGINEERING-II	24	40	3
163C5A0317	RT31036	METROLOGY	28	24	3
163C5A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
163C5A0317	RT31038	MACHINE TOOLS LAB	24	35	2
163C5A0318	RT31016	IPR & PATENTS	25	15	0
163C5A0318	RT31031	DYNAMICS OF MACHINERY	28	24	3
163C5A0318	RT31032	METAL CUTTING & MACHINE TOOLS	28	32	3
163C5A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	27	16	0
163C5A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	45	3
163C5A0318	RT31035	THERMAL ENGINEERING-II	25	31	3
163C5A0318	RT31036	METROLOGY	28	42	3
163C5A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
163C5A0318	RT31038	MACHINE TOOLS LAB	21	45	2
163C5A0319	RT31016	IPR & PATENTS	18	24	2
163C5A0319	RT31031	DYNAMICS OF MACHINERY	22	19	0
163C5A0319	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
163C5A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	22	34	3
163C5A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	31	3
163C5A0319	RT31035	THERMAL ENGINEERING-II	25	14	0
163C5A0319	RT31036	METROLOGY	24	24	3
163C5A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
163C5A0319	RT31038	MACHINE TOOLS LAB	25	44	2
163C5A0320	RT31016	IPR & PATENTS	18	45	2
163C5A0320	RT31031	DYNAMICS OF MACHINERY	16	0	0
163C5A0320	RT31032	METAL CUTTING & MACHINE TOOLS	18	33	3
163C5A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	24	36	3
163C5A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	15	0
163C5A0320	RT31035	THERMAL ENGINEERING-II	19	24	3
163C5A0320	RT31036	METROLOGY	21	13	0
163C5A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
163C5A0320	RT31038	MACHINE TOOLS LAB	25	45	2
163C5A0321	RT31016	IPR & PATENTS	22	39	2
163C5A0321	RT31031	DYNAMICS OF MACHINERY	26	39	3
163C5A0321	RT31032	METAL CUTTING & MACHINE TOOLS	26	32	3
163C5A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	25	33	3
163C5A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	46	3
163C5A0321	RT31035	THERMAL ENGINEERING-II	30	59	3
163C5A0321	RT31036	METROLOGY	23	24	3
163C5A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
163C5A0321	RT31038	MACHINE TOOLS LAB	23	44	2
163C5A0322	RT31016	IPR & PATENTS	23	34	2
163C5A0322	RT31031	DYNAMICS OF MACHINERY	27	46	3
163C5A0322	RT31032	METAL CUTTING & MACHINE TOOLS	28	34	3
163C5A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	25	43	3
163C5A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	30	34	3
163C5A0322	RT31035	THERMAL ENGINEERING-II	30	43	3
163C5A0322	RT31036	METROLOGY	28	51	3
163C5A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
163C5A0322	RT31038	MACHINE TOOLS LAB	24	35	2
163C5A0323	RT31016	IPR & PATENTS	18	39	2
163C5A0323	RT31031	DYNAMICS OF MACHINERY	25	24	3
163C5A0323	RT31032	METAL CUTTING & MACHINE TOOLS	28	24	3
163C5A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	29	32	3
163C5A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	27	3
163C5A0323	RT31035	THERMAL ENGINEERING-II	23	29	3
163C5A0323	RT31036	METROLOGY	30	29	3
163C5A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
163C5A0323	RT31038	MACHINE TOOLS LAB	23	45	2
163C5A0324	RT31016	IPR & PATENTS	18	45	2
163C5A0324	RT31031	DYNAMICS OF MACHINERY	20	27	3
163C5A0324	RT31032	METAL CUTTING & MACHINE TOOLS	26	24	3
163C5A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	27	42	3
163C5A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	35	3
163C5A0324	RT31035	THERMAL ENGINEERING-II	23	29	3
163C5A0324	RT31036	METROLOGY	30	7	0
163C5A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
163C5A0324	RT31038	MACHINE TOOLS LAB	25	35	2
163C5A0325	RT31016	IPR & PATENTS	14	6	0
163C5A0325	RT31031	DYNAMICS OF MACHINERY	14	0	0
163C5A0325	RT31032	METAL CUTTING & MACHINE TOOLS	22	0	0
163C5A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	25	10	0
163C5A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	0	0
163C5A0325	RT31035	THERMAL ENGINEERING-II	24	7	0
163C5A0325	RT31036	METROLOGY	19	0	0
163C5A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
163C5A0325	RT31038	MACHINE TOOLS LAB	24	45	2
163C5A0326	RT31016	IPR & PATENTS	21	25	2
163C5A0326	RT31031	DYNAMICS OF MACHINERY	28	0	0
163C5A0326	RT31032	METAL CUTTING & MACHINE TOOLS	25	26	3
163C5A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	26	3	0
163C5A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	11	0
163C5A0326	RT31035	THERMAL ENGINEERING-II	27	0	0
163C5A0326	RT31036	METROLOGY	18	10	0
163C5A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
163C5A0326	RT31038	MACHINE TOOLS LAB	25	35	2
163C5A0327	RT31016	IPR & PATENTS	16	40	2
163C5A0327	RT31031	DYNAMICS OF MACHINERY	19	11	0
163C5A0327	RT31032	METAL CUTTING & MACHINE TOOLS	22	28	3
163C5A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	30	13	0
163C5A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	29	3
163C5A0327	RT31035	THERMAL ENGINEERING-II	27	15	0
163C5A0327	RT31036	METROLOGY	18	17	0
163C5A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
163C5A0327	RT31038	MACHINE TOOLS LAB	21	25	2
163C5A0328	RT31016	IPR & PATENTS	20	52	2
163C5A0328	RT31031	DYNAMICS OF MACHINERY	16	24	3
163C5A0328	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
163C5A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	24	32	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	55	3
163C5A0328	RT31035	THERMAL ENGINEERING-II	23	33	3
163C5A0328	RT31036	METROLOGY	22	24	3
163C5A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
163C5A0328	RT31038	MACHINE TOOLS LAB	25	35	2
163C5A0401	RT31016	IPR & PATENTS	23	43	2
163C5A0401	RT31041	PULSE & DIGITAL CIRCUITS	22	39	3
163C5A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	40	3
163C5A0401	RT31043	CONTROL SYSTEMS	25	28	3
163C5A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	36	3
163C5A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	17	29	3
163C5A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
163C5A0401	RT31048	LICA LAB	24	45	2
163C5A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	37	2
163C5A0402	RT31016	IPR & PATENTS	23	26	2
163C5A0402	RT31041	PULSE & DIGITAL CIRCUITS	20	16	0
163C5A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	18	0
163C5A0402	RT31043	CONTROL SYSTEMS	27	3	0
163C5A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	24	3
163C5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	12	4	0
163C5A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	20	2
163C5A0402	RT31048	LICA LAB	18	40	2
163C5A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	30	2
163C5A0403	RT31016	IPR & PATENTS	26	45	2
163C5A0403	RT31041	PULSE & DIGITAL CIRCUITS	28	54	3
163C5A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	48	3
163C5A0403	RT31043	CONTROL SYSTEMS	28	36	3
163C5A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	37	3
163C5A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	24	47	3
163C5A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
163C5A0403	RT31048	LICA LAB	20	46	2
163C5A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
163C5A0404	RT31016	IPR & PATENTS	23	17	0
163C5A0404	RT31041	PULSE & DIGITAL CIRCUITS	25	24	3
163C5A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	46	3
163C5A0404	RT31043	CONTROL SYSTEMS	26	24	3
163C5A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	42	3
163C5A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	21	14	0
163C5A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
163C5A0404	RT31048	LICA LAB	22	40	2
163C5A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	48	2
163C5A0405	RT31016	IPR & PATENTS	22	40	2
163C5A0405	RT31041	PULSE & DIGITAL CIRCUITS	17	24	3
163C5A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	11	0
163C5A0405	RT31043	CONTROL SYSTEMS	21	0	0
163C5A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	4	0
163C5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
163C5A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	35	2
163C5A0405	RT31048	LICA LAB	18	30	2
163C5A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	30	2

Htno	Subcode	Subname	Internal	External	Credits
163C5A0406	RT31016	IPR & PATENTS	23	24	2
163C5A0406	RT31041	PULSE & DIGITAL CIRCUITS	19	32	3
163C5A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	29	3
163C5A0406	RT31043	CONTROL SYSTEMS	21	32	3
163C5A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	11	0
163C5A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	10	16	0
163C5A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	0	5	0
163C5A0406	RT31048	LICA LAB	0	30	2
163C5A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	15	20	2
163C5A0407	RT31016	IPR & PATENTS	27	38	2
163C5A0407	RT31041	PULSE & DIGITAL CIRCUITS	28	33	3
163C5A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	39	3
163C5A0407	RT31043	CONTROL SYSTEMS	25	29	3
163C5A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	40	3
163C5A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	23	39	3
163C5A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
163C5A0407	RT31048	LICA LAB	23	48	2
163C5A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	37	2
163C5A0408	RT31016	IPR & PATENTS	26	9	0
163C5A0408	RT31041	PULSE & DIGITAL CIRCUITS	24	24	3
163C5A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	37	3
163C5A0408	RT31043	CONTROL SYSTEMS	26	26	3
163C5A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	39	3
163C5A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	23	24	3
163C5A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
163C5A0408	RT31048	LICA LAB	22	40	2
163C5A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	36	2
163C5A0409	RT31016	IPR & PATENTS	23	45	2
163C5A0409	RT31041	PULSE & DIGITAL CIRCUITS	21	27	3
163C5A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	31	3
163C5A0409	RT31043	CONTROL SYSTEMS	24	15	0
163C5A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	35	3
163C5A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	17	17	0
163C5A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	47	2
163C5A0409	RT31048	LICA LAB	24	42	2
163C5A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	44	2
163C5A0410	RT31016	IPR & PATENTS	27	53	2
163C5A0410	RT31041	PULSE & DIGITAL CIRCUITS	27	38	3
163C5A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	49	3
163C5A0410	RT31043	CONTROL SYSTEMS	26	32	3
163C5A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	36	3
163C5A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	25	17	0
163C5A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
163C5A0410	RT31048	LICA LAB	24	42	2
163C5A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
163C5A0411	RT31016	IPR & PATENTS	28	35	2
163C5A0411	RT31041	PULSE & DIGITAL CIRCUITS	28	30	3
163C5A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	39	3
163C5A0411	RT31043	CONTROL SYSTEMS	26	37	3
163C5A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	49	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	26	42	3
163C5A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	35	2
163C5A0411	RT31048	LICA LAB	24	40	2
163C5A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
163C5A0412	RT31016	IPR & PATENTS	15	3	0
163C5A0412	RT31041	PULSE & DIGITAL CIRCUITS	21	15	0
163C5A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	24	3
163C5A0412	RT31043	CONTROL SYSTEMS	17	26	3
163C5A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	26	3
163C5A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	16	24	3
163C5A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	20	2
163C5A0412	RT31048	LICA LAB	18	30	2
163C5A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	30	2
163C5A0413	RT31016	IPR & PATENTS	25	37	2
163C5A0413	RT31041	PULSE & DIGITAL CIRCUITS	28	31	3
163C5A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	43	3
163C5A0413	RT31043	CONTROL SYSTEMS	27	48	3
163C5A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	49	3
163C5A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	22	37	3
163C5A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
163C5A0413	RT31048	LICA LAB	23	43	2
163C5A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
163C5A0414	RT31016	IPR & PATENTS	27	53	2
163C5A0414	RT31041	PULSE & DIGITAL CIRCUITS	29	43	3
163C5A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	45	3
163C5A0414	RT31043	CONTROL SYSTEMS	28	42	3
163C5A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	43	3
163C5A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	23	24	3
163C5A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
163C5A0414	RT31048	LICA LAB	23	44	2
163C5A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
163C5A0415	RT31016	IPR & PATENTS	24	38	2
163C5A0415	RT31041	PULSE & DIGITAL CIRCUITS	26	36	3
163C5A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	35	3
163C5A0415	RT31043	CONTROL SYSTEMS	25	24	3
163C5A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	35	3
163C5A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	17	34	3
163C5A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	47	2
163C5A0415	RT31048	LICA LAB	23	43	2
163C5A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	15	43	2
163C5A0417	RT31016	IPR & PATENTS	25	3	0
163C5A0417	RT31041	PULSE & DIGITAL CIRCUITS	24	28	3
163C5A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	37	3
163C5A0417	RT31043	CONTROL SYSTEMS	29	24	3
163C5A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	37	3
163C5A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	23	41	3
163C5A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
163C5A0417	RT31048	LICA LAB	24	42	2
163C5A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	41	2
163C5A0418	RT31016	IPR & PATENTS	28	43	2

Htno	Subcode	Subname	Internal	External	Credits
163C5A0418	RT31041	PULSE & DIGITAL CIRCUITS	28	41	3
163C5A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	50	3
163C5A0418	RT31043	CONTROL SYSTEMS	27	50	3
163C5A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	44	3
163C5A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	25	42	3
163C5A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2
163C5A0418	RT31048	LICA LAB	24	46	2
163C5A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
163C5A0501	RT31051	COMPILER DESIGN	23	13	0
163C5A0501	RT31052	DATA COMMUNICATION	18	28	3
163C5A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	16	0
163C5A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	20	24	3
163C5A0501	RT31055	OPERATING SYSTEMS	23	13	0
163C5A0501	RT31056	COMPILER DESIGN LAB	23	45	2
163C5A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	39	2
163C5A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
163C5A0501	RT31059	SEMINAR	39	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.

Date:23-12-2017

N. Mohan Rao
Controller of Examinations