



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: SRI SIVANI COLLEGE OF ENGG,CHILAKALAPALEM,SRIKAKULAM:W6

Htno	Subcode	Subname	Internal	External	credits
07W61A0429	V3118	ANTENNAS AND WAVE PROPAGATION	14	10	0
08W61A0558	V3128	MICRO PROCESSORS AND INTERFACING	12	-1	0
08W61A0589	V3127	FORMAL LANGUAGES AND AUTOMATA THEORY	11	7	0
08W61A0589	V3128	MICRO PROCESSORS AND INTERFACING	9	-1	0
09W61A0340	R31031	FINITE ELEMENT METHODS	17	16	0
09W61A0569	V3124	DATA COMMUNICATION SYSTEMS	12	-1	0
09W61A0569	V3128	MICRO PROCESSORS AND INTERFACING	8	0	0
10GJ1A0417	R31043	LINEAR IC APPLICATIONS	10	-1	0
10GJ1A0417	R31045	ANTENNAS AND WAVE PROPAGATION	10	12	0
10W61A0260	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	14	9	0
10W61A0327	R31031	FINITE ELEMENT METHODS	14	16	0
10W61A0327	R31036	METAL CUTTING & MACHINE TOOLS	4	39	4
10W61A0449	R31045	ANTENNAS AND WAVE PROPAGATION	18	6	0
10W61A0465	R31042	DIGITAL IC APPLICATIONS	11	18	0
10W61A0465	R31043	LINEAR IC APPLICATIONS	10	10	0
10W61A0482	R31042	DIGITAL IC APPLICATIONS	9	0	0
10W61A0482	R31043	LINEAR IC APPLICATIONS	11	18	0
10W61A0492	R31042	DIGITAL IC APPLICATIONS	17	-1	0
10W61A0492	R31043	LINEAR IC APPLICATIONS	10	-1	0
10W61A0499	R31042	DIGITAL IC APPLICATIONS	7	13	0
10W61A0499	R31043	LINEAR IC APPLICATIONS	11	16	0
10W61A04B8	R31042	DIGITAL IC APPLICATIONS	3	0	0
10W61A04B8	R31043	LINEAR IC APPLICATIONS	7	9	0
10W61A05A7	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	3	-1	0
11W61A0116	R31015	STRUCTURAL ANALYSIS-II	16	20	0
11W61A0124	R31011	DESIGN & DRAWING OF CONCRETE STRUCTURES	16	39	4
11W61A0124	R31012	BUILDING PLANNING & DRAWING	0	26	0
11W61A0124	R31013	CONCRETE TECHNOLOGY	1	-1	0
11W61A0124	R31014	WATER RESOURCES ENGINEERING-I	3	13	0
11W61A0124	R31015	STRUCTURAL ANALYSIS-II	4	36	4
11W61A0124	R31016	TRANSPORTATION ENGINEERING-I	0	14	0
11W61A0142	R31011	DESIGN & DRAWING OF CONCRETE STRUCTURES	15	42	4
11W61A0142	R31015	STRUCTURAL ANALYSIS-II	5	22	0
11W61A0257	R31024	POWER ELECTRONICS	10	33	4
11W61A0257	R31026	LINEAR & DIGITAL IC APPLICATION	11	31	4
11W61A0294	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	18	17	0
11W61A0294	R31024	POWER ELECTRONICS	17	34	4
11W61A0295	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	17	5	0
11W61A0295	R31026	LINEAR & DIGITAL IC APPLICATION	14	11	0
11W61A0323	R31031	FINITE ELEMENT METHODS	9	10	0
11W61A0323	R31032	OPERATIONS RESEARCH	5	14	0
11W61A0323	R31033	DYNAMICS OF MACHINERY	4	2	0
11W61A0323	R31034	THERMAL ENGINEERING-II	9	18	0
11W61A0323	R31035	DESIGN OF MACHINE MEMBERS-I	3	-1	0
11W61A0323	R31036	METAL CUTTING & MACHINE TOOLS	11	34	4
11W61A0462	R31043	LINEAR IC APPLICATIONS	14	16	0

Htno	Subcode	Subname	Internal	External	credits
11W61A0468	R31042	DIGITAL IC APPLICATIONS	18	-1	0
11W61A04B2	R31045	ANTENNAS AND WAVE PROPAGATION	11	7	0
11W61A04B3	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	-1	0
11W61A04B3	R31042	DIGITAL IC APPLICATIONS	10	-1	0
11W61A04B3	R31043	LINEAR IC APPLICATIONS	6	5	0
11W61A04B3	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	4	-1	0
11W61A04B3	R31045	ANTENNAS AND WAVE PROPAGATION	2	1	0
11W61A04B3	R31046	DIGITAL COMMUNICATIONS	5	-1	0
11W61A04B9	R31042	DIGITAL IC APPLICATIONS	17	11	0
11W61A0506	R31054	COMPUTER GRAPHICS	7	26	0
11W61A0521	R31051	COMPILER DESIGN	15	-1	0
11W61A0521	R31054	COMPUTER GRAPHICS	9	-1	0
11W61A0521	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	7	2	0
11W61A0521	R31056	OPERATIONG SYSTEMS	14	-1	0
11W61A0534	R31051	COMPILER DESIGN	13	17	0
11W61A0547	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	2	0
11W61A0559	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	10	-1	0
11W61A05A9	R31056	OPERATIONG SYSTEMS	8	15	0
11W61A05B0	R31053	ADVANCED DATA STRUCTURES	8	34	4
11W61A05B0	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	5	14	0
11W65A0404	R31042	DIGITAL IC APPLICATIONS	15	0	0
12A51A03A9	RT31016	IPR & PATENTS	21	-1	0
12A51A03A9	RT31031	DYNAMICS OF MACHINERY	5	3	0
12A51A03A9	RT31032	METAL CUTTING & MACHINE TOOLS	10	35	3
12A51A03A9	RT31033	DESIGN OF MACHINE MEMBERS-I	4	25	0
12A51A03A9	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	1	0
12A51A03A9	RT31035	THERMAL ENGINEERING-II	7	5	0
12A51A03A9	RT31036	METROLOGY	3	37	3
12A51A03A9	RT31037	METROLOGY & INSTRUMENTATION LAB	18	30	2
12A51A03A9	RT31038	MACHINE TOOLS LAB	14	29	2
12W61A0113	R31015	STRUCTURAL ANALYSIS-II	6	41	4
12W61A0120	R31011	DESIGN &DRAWING OF CONCRETE STRUCTURES	15	47	4
12W61A0120	R31015	STRUCTURAL ANALYSIS-II	8	52	4
12W61A0126	R31011	DESIGN &DRAWING OF CONCRETE STRUCTURES	15	5	0
12W61A0126	R31014	WATER RESOURCES ENGINEERING-I	15	-1	0
12W61A0134	R31011	DESIGN &DRAWING OF CONCRETE STRUCTURES	15	49	4
12W61A0143	R31015	STRUCTURAL ANALYSIS-II	10	32	4
12W61A0206	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	22	4	0
12W61A0206	R31022	ELECTRICAL MEASUREMENT	16	8	0
12W61A0206	R31023	POWER SYSTEMS-II	6	3	0
12W61A0206	R31024	POWER ELECTRONICS	18	8	0
12W61A0206	R31025	ELECTRICAL MACHINES-III	8	33	4
12W61A0206	R31026	LINEAR & DIGITAL IC APPLICATION	12	12	0
12W61A0211	R31026	LINEAR & DIGITAL IC APPLICATION	14	40	4
12W61A0212	R31025	ELECTRICAL MACHINES-III	16	39	4
12W61A0213	R31024	POWER ELECTRONICS	15	7	0
12W61A0213	R31026	LINEAR & DIGITAL IC APPLICATION	17	31	4
12W61A0214	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	14	2	0
12W61A0214	R31024	POWER ELECTRONICS	14	17	0
12W61A0218	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	19	8	0
12W61A0220	R31021	COMPLEX VARIABLEDS AND STATISTICAL METHODS	16	4	0

Htno	Subcode	Subname	Internal	External	credits
12W61A0222	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	20	16	0
12W61A0222	R31026	LINEAR & DIGITAL IC APPLICATION	19	35	4
12W61A0225	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	13	-1	0
12W61A0225	R31022	ELECTRICAL MEASUREMENT	12	7	0
12W61A0225	R31024	POWER ELECTRONICS	9	5	0
12W61A0225	R31025	ELECTRICAL MACHINES-III	12	13	0
12W61A0225	R31026	LINEAR & DIGITAL IC APPLICATION	12	7	0
12W61A0232	R31026	LINEAR & DIGITAL IC APPLICATION	19	36	4
12W61A0235	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	-1	0
12W61A0235	R31022	ELECTRICAL MEASUREMENT	20	14	0
12W61A0235	R31024	POWER ELECTRONICS	13	12	0
12W61A0238	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	10	15	0
12W61A0241	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	15	9	0
12W61A0246	R31022	ELECTRICAL MEASUREMENT	10	12	0
12W61A0246	R31024	POWER ELECTRONICS	10	3	0
12W61A0250	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	22	16	0
12W61A0250	R31025	ELECTRICAL MACHINES-III	16	35	4
12W61A0250	R31026	LINEAR & DIGITAL IC APPLICATION	19	10	0
12W61A0254	R31022	ELECTRICAL MEASUREMENT	14	1	0
12W61A0254	R31023	POWER SYSTEMS-II	10	30	4
12W61A0255	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	20	45	4
12W61A0259	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	19	31	4
12W61A0260	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	21	30	4
12W61A0260	R31022	ELECTRICAL MEASUREMENT	9	9	0
12W61A0260	R31023	POWER SYSTEMS-II	11	30	4
12W61A0260	R31024	POWER ELECTRONICS	17	26	4
12W61A0260	R31025	ELECTRICAL MACHINES-III	13	13	0
12W61A0260	R31026	LINEAR & DIGITAL IC APPLICATION	12	31	4
12W61A0260	R31027	ELECTRICAL MACHINES-II LAB	20	38	2
12W61A0265	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	19	-1	0
12W61A0265	R31025	ELECTRICAL MACHINES-III	13	16	0
12W61A0265	R31026	LINEAR & DIGITAL IC APPLICATION	15	36	4
12W61A0302	R31031	FINITE ELEMENT METHODS	18	31	4
12W61A0304	R31031	FINITE ELEMENT METHODS	4	9	0
12W61A0304	R31032	OPERATIONS RESEARCH	7	27	0
12W61A0305	R31031	FINITE ELEMENT METHODS	15	26	4
12W61A0306	R31031	FINITE ELEMENT METHODS	15	15	0
12W61A0312	R31034	THERMAL ENGINEERING-II	12	34	4
12W61A0315	R31032	OPERATIONS RESEARCH	8	9	0
12W61A0315	R31034	THERMAL ENGINEERING-II	14	-1	0
12W61A0315	R31036	METAL CUTTING & MACHINE TOOLS	8	-1	0
12W61A0322	R31031	FINITE ELEMENT METHODS	20	18	0
12W61A0329	R31031	FINITE ELEMENT METHODS	14	13	0
12W61A0330	R31036	METAL CUTTING & MACHINE TOOLS	23	44	4
12W61A0331	R31032	OPERATIONS RESEARCH	15	-1	0
12W61A0332	R31036	METAL CUTTING & MACHINE TOOLS	21	-1	0
12W61A0333	R31031	FINITE ELEMENT METHODS	15	18	0
12W61A0333	R31033	DYNAMICS OF MACHINERY	7	15	0
12W61A0335	R31031	FINITE ELEMENT METHODS	14	14	0
12W61A0338	R31033	DYNAMICS OF MACHINERY	17	12	0
12W61A0355	R31031	FINITE ELEMENT METHODS	18	32	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0358	R31031	FINITE ELEMENT METHODS	15	11	0
12W61A0402	R31042	DIGITAL IC APPLICATIONS	15	32	4
12W61A0408	R31042	DIGITAL IC APPLICATIONS	19	31	4
12W61A0408	R31045	ANTENNAS AND WAVE PROPAGATION	17	12	0
12W61A0408	R31046	DIGITAL COMMUNICATIONS	12	42	4
12W61A0412	R31045	ANTENNAS AND WAVE PROPAGATION	18	13	0
12W61A0413	R31042	DIGITAL IC APPLICATIONS	17	17	0
12W61A0413	R31043	LINEAR IC APPLICATIONS	12	11	0
12W61A0413	R31045	ANTENNAS AND WAVE PROPAGATION	14	11	0
12W61A0420	R31042	DIGITAL IC APPLICATIONS	19	38	4
12W61A0421	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	15	7	0
12W61A0421	R31043	LINEAR IC APPLICATIONS	13	6	0
12W61A0421	R31045	ANTENNAS AND WAVE PROPAGATION	13	16	0
12W61A0424	R31042	DIGITAL IC APPLICATIONS	15	38	4
12W61A0424	R31046	DIGITAL COMMUNICATIONS	16	31	4
12W61A0440	R31042	DIGITAL IC APPLICATIONS	24	44	4
12W61A0447	R31043	LINEAR IC APPLICATIONS	23	9	0
12W61A0447	R31046	DIGITAL COMMUNICATIONS	17	32	4
12W61A0452	R31045	ANTENNAS AND WAVE PROPAGATION	21	31	4
12W61A0455	R31042	DIGITAL IC APPLICATIONS	10	34	4
12W61A0455	R31045	ANTENNAS AND WAVE PROPAGATION	16	9	0
12W61A0458	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	4	0
12W61A0458	R31042	DIGITAL IC APPLICATIONS	10	32	4
12W61A0460	R31043	LINEAR IC APPLICATIONS	15	-1	0
12W61A0460	R31045	ANTENNAS AND WAVE PROPAGATION	16	2	0
12W61A0462	R31043	LINEAR IC APPLICATIONS	14	5	0
12W61A0462	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	6	1	0
12W61A0462	R31045	ANTENNAS AND WAVE PROPAGATION	13	7	0
12W61A0462	R31046	DIGITAL COMMUNICATIONS	14	14	0
12W61A0464	R31045	ANTENNAS AND WAVE PROPAGATION	21	32	4
12W61A0467	R31042	DIGITAL IC APPLICATIONS	10	5	0
12W61A0467	R31045	ANTENNAS AND WAVE PROPAGATION	12	11	0
12W61A0467	R31046	DIGITAL COMMUNICATIONS	3	12	0
12W61A0471	R31042	DIGITAL IC APPLICATIONS	15	40	4
12W61A0480	R31043	LINEAR IC APPLICATIONS	19	10	0
12W61A0480	R31046	DIGITAL COMMUNICATIONS	15	-1	0
12W61A0488	R31042	DIGITAL IC APPLICATIONS	17	32	4
12W61A0492	R31045	ANTENNAS AND WAVE PROPAGATION	21	27	4
12W61A04A1	R31042	DIGITAL IC APPLICATIONS	16	35	4
12W61A0503	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	16	33	4
12W61A0516	R31051	COMPILER DESIGN	0	-1	0
12W61A0516	R31052	COMPUTER NETWORKS	0	0	0
12W61A0516	R31053	ADVANCED DATA STRUCTURES	0	-1	0
12W61A0516	R31054	COMPUTER GRAPHICS	2	-1	0
12W61A0516	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	0	-1	0
12W61A0516	R31056	OPERATIONG SYSTEMS	0	-1	0
12W61A0516	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	5	-1	0
12W61A0516	R31058	ADVANCED DATA STRUCTURES LAB	0	-1	0
12W61A0526	R31052	COMPUTER NETWORKS	11	9	0
12W61A0526	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	15	9	0
12W61A0526	R31056	OPERATIONG SYSTEMS	13	15	0

Htno	Subcode	Subname	Internal	External	credits
12W61A0529	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	12	-1	0
12W65A0309	R31031	FINITE ELEMENT METHODS	0	-1	0
12W65A0309	R31033	DYNAMICS OF MACHINERY	15	8	0
12W65A0411	R31045	ANTENNAS AND WAVE PROPAGATION	17	-1	0
12W65A0422	R31045	ANTENNAS AND WAVE PROPAGATION	18	5	0
13FF1A0408	RT31016	IPR & PATENTS	21	32	2
13FF1A0408	RT31041	PULSE & DIGITAL CIRCUITS	20	42	3
13FF1A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	44	3
13FF1A0408	RT31043	CONTROL SYSTEMS	17	34	3
13FF1A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	47	3
13FF1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	25	45	3
13FF1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	16	46	2
13FF1A0408	RT31048	LICA LAB	16	44	2
13FF1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	39	2
13W31A0316	RT31031	DYNAMICS OF MACHINERY	23	-1	0
13W31A0337	RT31031	DYNAMICS OF MACHINERY	8	-1	0
13W61A0101	RT31011	GEOTECHNICAL ENGINEERING-I	23	67	3
13W61A0101	RT31012	STRUCTURAL ANALYSIS-II	24	54	3
13W61A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	43	3
13W61A0101	RT31014	ENGINEERING GEOLOGY	24	51	3
13W61A0101	RT31015	TRANSPORTATION ENGINEERING-I	22	36	3
13W61A0101	RT31016	IPR & PATENTS	22	44	2
13W61A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
13W61A0101	RT31018	ENGINEERING GEOLOGY LAB	23	49	2
13W61A0102	RT31011	GEOTECHNICAL ENGINEERING-I	15	46	3
13W61A0102	RT31012	STRUCTURAL ANALYSIS-II	15	36	3
13W61A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	10	0
13W61A0102	RT31014	ENGINEERING GEOLOGY	17	53	3
13W61A0102	RT31015	TRANSPORTATION ENGINEERING-I	17	24	3
13W61A0102	RT31016	IPR & PATENTS	22	31	2
13W61A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	14	32	2
13W61A0102	RT31018	ENGINEERING GEOLOGY LAB	17	43	2
13W61A0103	RT31011	GEOTECHNICAL ENGINEERING-I	14	42	3
13W61A0103	RT31012	STRUCTURAL ANALYSIS-II	17	37	3
13W61A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	49	3
13W61A0103	RT31014	ENGINEERING GEOLOGY	21	32	3
13W61A0103	RT31015	TRANSPORTATION ENGINEERING-I	18	24	3
13W61A0103	RT31016	IPR & PATENTS	20	31	2
13W61A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
13W61A0103	RT31018	ENGINEERING GEOLOGY LAB	18	43	2
13W61A0104	RT31011	GEOTECHNICAL ENGINEERING-I	11	29	3
13W61A0104	RT31012	STRUCTURAL ANALYSIS-II	18	39	3
13W61A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	33	3
13W61A0104	RT31014	ENGINEERING GEOLOGY	15	60	3
13W61A0104	RT31015	TRANSPORTATION ENGINEERING-I	20	38	3
13W61A0104	RT31016	IPR & PATENTS	20	49	2
13W61A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	12	32	2
13W61A0104	RT31018	ENGINEERING GEOLOGY LAB	18	40	2
13W61A0106	RT31011	GEOTECHNICAL ENGINEERING-I	13	9	0
13W61A0106	RT31012	STRUCTURAL ANALYSIS-II	11	29	3
13W61A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	12	0

Htno	Subcode	Subname	Internal	External	credits
13W61A0106	RT31014	ENGINEERING GEOLOGY	19	47	3
13W61A0106	RT31015	TRANSPORTATION ENGINEERING-I	18	27	3
13W61A0106	RT31016	IPR & PATENTS	23	37	2
13W61A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	18	35	2
13W61A0106	RT31018	ENGINEERING GEOLOGY LAB	17	41	2
13W61A0107	RT31011	GEOTECHNICAL ENGINEERING-I	19	67	3
13W61A0107	RT31012	STRUCTURAL ANALYSIS-II	25	50	3
13W61A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	53	3
13W61A0107	RT31014	ENGINEERING GEOLOGY	20	57	3
13W61A0107	RT31015	TRANSPORTATION ENGINEERING-I	20	31	3
13W61A0107	RT31016	IPR & PATENTS	20	38	2
13W61A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	21	40	2
13W61A0107	RT31018	ENGINEERING GEOLOGY LAB	14	41	2
13W61A0108	RT31011	GEOTECHNICAL ENGINEERING-I	19	46	3
13W61A0108	RT31012	STRUCTURAL ANALYSIS-II	25	58	3
13W61A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	57	3
13W61A0108	RT31014	ENGINEERING GEOLOGY	22	59	3
13W61A0108	RT31015	TRANSPORTATION ENGINEERING-I	21	24	3
13W61A0108	RT31016	IPR & PATENTS	22	34	2
13W61A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	24	46	2
13W61A0108	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0109	RT31011	GEOTECHNICAL ENGINEERING-I	19	36	3
13W61A0109	RT31012	STRUCTURAL ANALYSIS-II	21	51	3
13W61A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	42	3
13W61A0109	RT31014	ENGINEERING GEOLOGY	17	57	3
13W61A0109	RT31015	TRANSPORTATION ENGINEERING-I	17	34	3
13W61A0109	RT31016	IPR & PATENTS	21	39	2
13W61A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	18	42	2
13W61A0109	RT31018	ENGINEERING GEOLOGY LAB	13	40	2
13W61A0110	RT31011	GEOTECHNICAL ENGINEERING-I	12	7	0
13W61A0110	RT31012	STRUCTURAL ANALYSIS-II	14	31	3
13W61A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	15	0
13W61A0110	RT31014	ENGINEERING GEOLOGY	17	47	3
13W61A0110	RT31015	TRANSPORTATION ENGINEERING-I	19	33	3
13W61A0110	RT31016	IPR & PATENTS	22	43	2
13W61A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	15	35	2
13W61A0110	RT31018	ENGINEERING GEOLOGY LAB	17	39	2
13W61A0111	RT31011	GEOTECHNICAL ENGINEERING-I	25	70	3
13W61A0111	RT31012	STRUCTURAL ANALYSIS-II	25	46	3
13W61A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	66	3
13W61A0111	RT31014	ENGINEERING GEOLOGY	25	54	3
13W61A0111	RT31015	TRANSPORTATION ENGINEERING-I	23	40	3
13W61A0111	RT31016	IPR & PATENTS	24	41	2
13W61A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	25	48	2
13W61A0111	RT31018	ENGINEERING GEOLOGY LAB	23	49	2
13W61A0112	RT31011	GEOTECHNICAL ENGINEERING-I	11	45	3
13W61A0112	RT31012	STRUCTURAL ANALYSIS-II	16	3	0
13W61A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	10	49	3
13W61A0112	RT31014	ENGINEERING GEOLOGY	19	2	0
13W61A0112	RT31015	TRANSPORTATION ENGINEERING-I	17	33	3
13W61A0112	RT31016	IPR & PATENTS	20	39	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	12	30	2
13W61A0112	RT31018	ENGINEERING GEOLOGY LAB	12	35	2
13W61A0113	RT31011	GEOTECHNICAL ENGINEERING-I	17	24	3
13W61A0113	RT31012	STRUCTURAL ANALYSIS-II	20	55	3
13W61A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	42	3
13W61A0113	RT31014	ENGINEERING GEOLOGY	21	53	3
13W61A0113	RT31015	TRANSPORTATION ENGINEERING-I	19	30	3
13W61A0113	RT31016	IPR & PATENTS	21	36	2
13W61A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	20	45	2
13W61A0113	RT31018	ENGINEERING GEOLOGY LAB	13	41	2
13W61A0114	RT31011	GEOTECHNICAL ENGINEERING-I	13	13	0
13W61A0114	RT31012	STRUCTURAL ANALYSIS-II	11	29	3
13W61A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	5	0
13W61A0114	RT31014	ENGINEERING GEOLOGY	15	44	3
13W61A0114	RT31015	TRANSPORTATION ENGINEERING-I	17	17	0
13W61A0114	RT31016	IPR & PATENTS	20	37	2
13W61A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	14	35	2
13W61A0114	RT31018	ENGINEERING GEOLOGY LAB	14	40	2
13W61A0115	RT31011	GEOTECHNICAL ENGINEERING-I	23	69	3
13W61A0115	RT31012	STRUCTURAL ANALYSIS-II	24	62	3
13W61A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	57	3
13W61A0115	RT31014	ENGINEERING GEOLOGY	22	53	3
13W61A0115	RT31015	TRANSPORTATION ENGINEERING-I	22	31	3
13W61A0115	RT31016	IPR & PATENTS	22	31	2
13W61A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	25	47	2
13W61A0115	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0116	RT31011	GEOTECHNICAL ENGINEERING-I	20	44	3
13W61A0116	RT31012	STRUCTURAL ANALYSIS-II	26	52	3
13W61A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	65	3
13W61A0116	RT31014	ENGINEERING GEOLOGY	21	55	3
13W61A0116	RT31015	TRANSPORTATION ENGINEERING-I	22	36	3
13W61A0116	RT31016	IPR & PATENTS	22	39	2
13W61A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
13W61A0116	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0117	RT31011	GEOTECHNICAL ENGINEERING-I	10	30	3
13W61A0117	RT31012	STRUCTURAL ANALYSIS-II	13	40	3
13W61A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	15	28	3
13W61A0117	RT31014	ENGINEERING GEOLOGY	15	46	3
13W61A0117	RT31015	TRANSPORTATION ENGINEERING-I	18	36	3
13W61A0117	RT31016	IPR & PATENTS	21	33	2
13W61A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	13	30	2
13W61A0117	RT31018	ENGINEERING GEOLOGY LAB	16	39	2
13W61A0118	RT31011	GEOTECHNICAL ENGINEERING-I	19	61	3
13W61A0118	RT31012	STRUCTURAL ANALYSIS-II	25	59	3
13W61A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	70	3
13W61A0118	RT31014	ENGINEERING GEOLOGY	21	49	3
13W61A0118	RT31015	TRANSPORTATION ENGINEERING-I	22	36	3
13W61A0118	RT31016	IPR & PATENTS	23	43	2
13W61A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	25	48	2
13W61A0118	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0119	RT31011	GEOTECHNICAL ENGINEERING-I	12	35	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0119	RT31012	STRUCTURAL ANALYSIS-II	14	46	3
13W61A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	36	3
13W61A0119	RT31014	ENGINEERING GEOLOGY	12	53	3
13W61A0119	RT31015	TRANSPORTATION ENGINEERING-I	15	9	0
13W61A0119	RT31016	IPR & PATENTS	22	36	2
13W61A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	12	31	2
13W61A0119	RT31018	ENGINEERING GEOLOGY LAB	12	38	2
13W61A0120	RT31011	GEOTECHNICAL ENGINEERING-I	14	45	3
13W61A0120	RT31012	STRUCTURAL ANALYSIS-II	19	56	3
13W61A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	46	3
13W61A0120	RT31014	ENGINEERING GEOLOGY	18	65	3
13W61A0120	RT31015	TRANSPORTATION ENGINEERING-I	16	38	3
13W61A0120	RT31016	IPR & PATENTS	21	37	2
13W61A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	18	32	2
13W61A0120	RT31018	ENGINEERING GEOLOGY LAB	16	41	2
13W61A0121	RT31011	GEOTECHNICAL ENGINEERING-I	15	29	3
13W61A0121	RT31012	STRUCTURAL ANALYSIS-II	19	57	3
13W61A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	15	39	3
13W61A0121	RT31014	ENGINEERING GEOLOGY	21	56	3
13W61A0121	RT31015	TRANSPORTATION ENGINEERING-I	19	45	3
13W61A0121	RT31016	IPR & PATENTS	21	34	2
13W61A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	14	31	2
13W61A0121	RT31018	ENGINEERING GEOLOGY LAB	11	36	2
13W61A0122	RT31011	GEOTECHNICAL ENGINEERING-I	15	36	3
13W61A0122	RT31012	STRUCTURAL ANALYSIS-II	19	40	3
13W61A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	47	3
13W61A0122	RT31014	ENGINEERING GEOLOGY	21	46	3
13W61A0122	RT31015	TRANSPORTATION ENGINEERING-I	20	29	3
13W61A0122	RT31016	IPR & PATENTS	22	41	2
13W61A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	16	33	2
13W61A0122	RT31018	ENGINEERING GEOLOGY LAB	17	48	2
13W61A0123	RT31011	GEOTECHNICAL ENGINEERING-I	23	67	3
13W61A0123	RT31012	STRUCTURAL ANALYSIS-II	25	56	3
13W61A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	70	3
13W61A0123	RT31014	ENGINEERING GEOLOGY	25	68	3
13W61A0123	RT31015	TRANSPORTATION ENGINEERING-I	25	44	3
13W61A0123	RT31016	IPR & PATENTS	24	50	2
13W61A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	25	47	2
13W61A0123	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0124	RT31011	GEOTECHNICAL ENGINEERING-I	19	54	3
13W61A0124	RT31012	STRUCTURAL ANALYSIS-II	18	43	3
13W61A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	62	3
13W61A0124	RT31014	ENGINEERING GEOLOGY	21	8	0
13W61A0124	RT31015	TRANSPORTATION ENGINEERING-I	18	40	3
13W61A0124	RT31016	IPR & PATENTS	22	38	2
13W61A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	15	39	2
13W61A0124	RT31018	ENGINEERING GEOLOGY LAB	14	35	2
13W61A0125	RT31011	GEOTECHNICAL ENGINEERING-I	13	29	3
13W61A0125	RT31012	STRUCTURAL ANALYSIS-II	21	40	3
13W61A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	31	3
13W61A0125	RT31014	ENGINEERING GEOLOGY	20	55	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0125	RT31015	TRANSPORTATION ENGINEERING-I	14	34	3
13W61A0125	RT31016	IPR & PATENTS	21	6	0
13W61A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	17	36	2
13W61A0125	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
13W61A0126	RT31011	GEOTECHNICAL ENGINEERING-I	11	5	0
13W61A0126	RT31012	STRUCTURAL ANALYSIS-II	18	31	3
13W61A0126	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	11	0
13W61A0126	RT31014	ENGINEERING GEOLOGY	16	39	3
13W61A0126	RT31015	TRANSPORTATION ENGINEERING-I	13	17	0
13W61A0126	RT31016	IPR & PATENTS	20	39	2
13W61A0126	RT31017	GEOTECHNICAL ENGINEERING LAB	16	36	2
13W61A0126	RT31018	ENGINEERING GEOLOGY LAB	20	46	2
13W61A0127	RT31011	GEOTECHNICAL ENGINEERING-I	18	28	3
13W61A0127	RT31012	STRUCTURAL ANALYSIS-II	20	47	3
13W61A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	53	3
13W61A0127	RT31014	ENGINEERING GEOLOGY	18	49	3
13W61A0127	RT31015	TRANSPORTATION ENGINEERING-I	19	25	3
13W61A0127	RT31016	IPR & PATENTS	23	42	2
13W61A0127	RT31017	GEOTECHNICAL ENGINEERING LAB	18	40	2
13W61A0127	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
13W61A0128	RT31011	GEOTECHNICAL ENGINEERING-I	18	42	3
13W61A0128	RT31012	STRUCTURAL ANALYSIS-II	20	35	3
13W61A0128	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	14	0
13W61A0128	RT31014	ENGINEERING GEOLOGY	16	35	3
13W61A0128	RT31015	TRANSPORTATION ENGINEERING-I	19	31	3
13W61A0128	RT31016	IPR & PATENTS	22	47	2
13W61A0128	RT31017	GEOTECHNICAL ENGINEERING LAB	17	41	2
13W61A0128	RT31018	ENGINEERING GEOLOGY LAB	18	39	2
13W61A0129	RT31011	GEOTECHNICAL ENGINEERING-I	17	27	3
13W61A0129	RT31012	STRUCTURAL ANALYSIS-II	23	46	3
13W61A0129	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	38	3
13W61A0129	RT31014	ENGINEERING GEOLOGY	18	55	3
13W61A0129	RT31015	TRANSPORTATION ENGINEERING-I	19	38	3
13W61A0129	RT31016	IPR & PATENTS	21	24	2
13W61A0129	RT31017	GEOTECHNICAL ENGINEERING LAB	16	39	2
13W61A0129	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
13W61A0130	RT31011	GEOTECHNICAL ENGINEERING-I	15	11	0
13W61A0130	RT31012	STRUCTURAL ANALYSIS-II	13	27	3
13W61A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	12	0
13W61A0130	RT31014	ENGINEERING GEOLOGY	19	46	3
13W61A0130	RT31015	TRANSPORTATION ENGINEERING-I	18	39	3
13W61A0130	RT31016	IPR & PATENTS	21	43	2
13W61A0130	RT31017	GEOTECHNICAL ENGINEERING LAB	18	35	2
13W61A0130	RT31018	ENGINEERING GEOLOGY LAB	17	40	2
13W61A0131	RT31011	GEOTECHNICAL ENGINEERING-I	14	26	3
13W61A0131	RT31012	STRUCTURAL ANALYSIS-II	18	49	3
13W61A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	13	29	3
13W61A0131	RT31014	ENGINEERING GEOLOGY	14	44	3
13W61A0131	RT31015	TRANSPORTATION ENGINEERING-I	18	24	3
13W61A0131	RT31016	IPR & PATENTS	20	35	2
13W61A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0131	RT31018	ENGINEERING GEOLOGY LAB	17	49	2
13W61A0133	RT31011	GEOTECHNICAL ENGINEERING-I	16	49	3
13W61A0133	RT31012	STRUCTURAL ANALYSIS-II	18	58	3
13W61A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	8	0
13W61A0133	RT31014	ENGINEERING GEOLOGY	17	34	3
13W61A0133	RT31015	TRANSPORTATION ENGINEERING-I	17	31	3
13W61A0133	RT31016	IPR & PATENTS	21	45	2
13W61A0133	RT31017	GEOTECHNICAL ENGINEERING LAB	15	30	2
13W61A0133	RT31018	ENGINEERING GEOLOGY LAB	14	40	2
13W61A0134	RT31011	GEOTECHNICAL ENGINEERING-I	20	54	3
13W61A0134	RT31012	STRUCTURAL ANALYSIS-II	25	51	3
13W61A0134	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	51	3
13W61A0134	RT31014	ENGINEERING GEOLOGY	22	62	3
13W61A0134	RT31015	TRANSPORTATION ENGINEERING-I	20	57	3
13W61A0134	RT31016	IPR & PATENTS	23	41	2
13W61A0134	RT31017	GEOTECHNICAL ENGINEERING LAB	25	46	2
13W61A0134	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0135	RT31011	GEOTECHNICAL ENGINEERING-I	16	24	3
13W61A0135	RT31012	STRUCTURAL ANALYSIS-II	22	41	3
13W61A0135	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	39	3
13W61A0135	RT31014	ENGINEERING GEOLOGY	17	38	3
13W61A0135	RT31015	TRANSPORTATION ENGINEERING-I	18	29	3
13W61A0135	RT31016	IPR & PATENTS	21	43	2
13W61A0135	RT31017	GEOTECHNICAL ENGINEERING LAB	19	41	2
13W61A0135	RT31018	ENGINEERING GEOLOGY LAB	18	47	2
13W61A0137	RT31011	GEOTECHNICAL ENGINEERING-I	20	55	3
13W61A0137	RT31012	STRUCTURAL ANALYSIS-II	24	49	3
13W61A0137	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	66	3
13W61A0137	RT31014	ENGINEERING GEOLOGY	23	54	3
13W61A0137	RT31015	TRANSPORTATION ENGINEERING-I	21	34	3
13W61A0137	RT31016	IPR & PATENTS	24	46	2
13W61A0137	RT31017	GEOTECHNICAL ENGINEERING LAB	23	43	2
13W61A0137	RT31018	ENGINEERING GEOLOGY LAB	25	49	2
13W61A0138	RT31011	GEOTECHNICAL ENGINEERING-I	11	35	3
13W61A0138	RT31012	STRUCTURAL ANALYSIS-II	13	31	3
13W61A0138	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	12	8	0
13W61A0138	RT31014	ENGINEERING GEOLOGY	11	15	0
13W61A0138	RT31015	TRANSPORTATION ENGINEERING-I	12	28	3
13W61A0138	RT31016	IPR & PATENTS	19	29	2
13W61A0138	RT31017	GEOTECHNICAL ENGINEERING LAB	12	28	2
13W61A0138	RT31018	ENGINEERING GEOLOGY LAB	12	38	2
13W61A0139	RT31011	GEOTECHNICAL ENGINEERING-I	16	26	3
13W61A0139	RT31012	STRUCTURAL ANALYSIS-II	18	38	3
13W61A0139	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	38	3
13W61A0139	RT31014	ENGINEERING GEOLOGY	18	63	3
13W61A0139	RT31015	TRANSPORTATION ENGINEERING-I	20	34	3
13W61A0139	RT31016	IPR & PATENTS	22	35	2
13W61A0139	RT31017	GEOTECHNICAL ENGINEERING LAB	21	43	2
13W61A0139	RT31018	ENGINEERING GEOLOGY LAB	22	41	2
13W61A0140	RT31011	GEOTECHNICAL ENGINEERING-I	18	57	3
13W61A0140	RT31012	STRUCTURAL ANALYSIS-II	18	40	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0140	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	32	3
13W61A0140	RT31014	ENGINEERING GEOLOGY	23	44	3
13W61A0140	RT31015	TRANSPORTATION ENGINEERING-I	20	37	3
13W61A0140	RT31016	IPR & PATENTS	24	42	2
13W61A0140	RT31017	GEOTECHNICAL ENGINEERING LAB	17	36	2
13W61A0140	RT31018	ENGINEERING GEOLOGY LAB	17	45	2
13W61A0141	RT31011	GEOTECHNICAL ENGINEERING-I	18	26	3
13W61A0141	RT31012	STRUCTURAL ANALYSIS-II	24	53	3
13W61A0141	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	39	3
13W61A0141	RT31014	ENGINEERING GEOLOGY	19	49	3
13W61A0141	RT31015	TRANSPORTATION ENGINEERING-I	19	13	0
13W61A0141	RT31016	IPR & PATENTS	22	39	2
13W61A0141	RT31017	GEOTECHNICAL ENGINEERING LAB	17	34	2
13W61A0141	RT31018	ENGINEERING GEOLOGY LAB	16	35	2
13W61A0142	RT31011	GEOTECHNICAL ENGINEERING-I	22	56	3
13W61A0142	RT31012	STRUCTURAL ANALYSIS-II	25	63	3
13W61A0142	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	64	3
13W61A0142	RT31014	ENGINEERING GEOLOGY	23	55	3
13W61A0142	RT31015	TRANSPORTATION ENGINEERING-I	21	31	3
13W61A0142	RT31016	IPR & PATENTS	23	48	2
13W61A0142	RT31017	GEOTECHNICAL ENGINEERING LAB	25	47	2
13W61A0142	RT31018	ENGINEERING GEOLOGY LAB	25	39	2
13W61A0143	RT31011	GEOTECHNICAL ENGINEERING-I	16	24	3
13W61A0143	RT31012	STRUCTURAL ANALYSIS-II	15	27	3
13W61A0143	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	36	3
13W61A0143	RT31014	ENGINEERING GEOLOGY	17	45	3
13W61A0143	RT31015	TRANSPORTATION ENGINEERING-I	16	30	3
13W61A0143	RT31016	IPR & PATENTS	21	28	2
13W61A0143	RT31017	GEOTECHNICAL ENGINEERING LAB	18	39	2
13W61A0143	RT31018	ENGINEERING GEOLOGY LAB	17	41	2
13W61A0144	RT31011	GEOTECHNICAL ENGINEERING-I	14	36	3
13W61A0144	RT31012	STRUCTURAL ANALYSIS-II	12	37	3
13W61A0144	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	10	0
13W61A0144	RT31014	ENGINEERING GEOLOGY	13	31	3
13W61A0144	RT31015	TRANSPORTATION ENGINEERING-I	15	29	3
13W61A0144	RT31016	IPR & PATENTS	21	38	2
13W61A0144	RT31017	GEOTECHNICAL ENGINEERING LAB	12	29	2
13W61A0144	RT31018	ENGINEERING GEOLOGY LAB	12	39	2
13W61A0146	RT31011	GEOTECHNICAL ENGINEERING-I	15	38	3
13W61A0146	RT31012	STRUCTURAL ANALYSIS-II	13	38	3
13W61A0146	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	26	3
13W61A0146	RT31014	ENGINEERING GEOLOGY	16	52	3
13W61A0146	RT31015	TRANSPORTATION ENGINEERING-I	17	8	0
13W61A0146	RT31016	IPR & PATENTS	22	30	2
13W61A0146	RT31017	GEOTECHNICAL ENGINEERING LAB	12	31	2
13W61A0146	RT31018	ENGINEERING GEOLOGY LAB	12	37	2
13W61A0201	RT31016	IPR & PATENTS	23	45	2
13W61A0201	RT31021	ELECTRICAL MEASUREMENTS	25	49	3
13W61A0201	RT31022	MEFA	25	54	3
13W61A0201	RT31023	POWER SYSTEMS-II	22	66	3
13W61A0201	RT31024	ELECTRICAL MACHINES-III	20	49	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0201	RT31025	POWER ELECTRONICS	22	54	3
13W61A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	43	3
13W61A0201	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
13W61A0201	RT31028	CONTROL SYSTEMS LAB	25	48	2
13W61A0202	RT31016	IPR & PATENTS	23	28	2
13W61A0202	RT31021	ELECTRICAL MEASUREMENTS	23	36	3
13W61A0202	RT31022	MEFA	24	35	3
13W61A0202	RT31023	POWER SYSTEMS-II	20	46	3
13W61A0202	RT31024	ELECTRICAL MACHINES-III	22	33	3
13W61A0202	RT31025	POWER ELECTRONICS	22	40	3
13W61A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	15	0
13W61A0202	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
13W61A0202	RT31028	CONTROL SYSTEMS LAB	24	43	2
13W61A0203	RT31016	IPR & PATENTS	21	31	2
13W61A0203	RT31021	ELECTRICAL MEASUREMENTS	23	39	3
13W61A0203	RT31022	MEFA	21	50	3
13W61A0203	RT31023	POWER SYSTEMS-II	22	52	3
13W61A0203	RT31024	ELECTRICAL MACHINES-III	16	50	3
13W61A0203	RT31025	POWER ELECTRONICS	23	44	3
13W61A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	11	0
13W61A0203	RT31027	ELECTRICAL MACHINES-II LAB	22	46	2
13W61A0203	RT31028	CONTROL SYSTEMS LAB	25	47	2
13W61A0205	RT31016	IPR & PATENTS	25	43	2
13W61A0205	RT31021	ELECTRICAL MEASUREMENTS	23	34	3
13W61A0205	RT31022	MEFA	23	51	3
13W61A0205	RT31023	POWER SYSTEMS-II	20	13	0
13W61A0205	RT31024	ELECTRICAL MACHINES-III	20	52	3
13W61A0205	RT31025	POWER ELECTRONICS	20	36	3
13W61A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	26	3
13W61A0205	RT31027	ELECTRICAL MACHINES-II LAB	21	40	2
13W61A0205	RT31028	CONTROL SYSTEMS LAB	23	44	2
13W61A0206	RT31016	IPR & PATENTS	20	42	2
13W61A0206	RT31021	ELECTRICAL MEASUREMENTS	17	33	3
13W61A0206	RT31022	MEFA	19	40	3
13W61A0206	RT31023	POWER SYSTEMS-II	21	54	3
13W61A0206	RT31024	ELECTRICAL MACHINES-III	22	29	3
13W61A0206	RT31025	POWER ELECTRONICS	17	39	3
13W61A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	31	3
13W61A0206	RT31027	ELECTRICAL MACHINES-II LAB	21	42	2
13W61A0206	RT31028	CONTROL SYSTEMS LAB	22	40	2
13W61A0207	RT31016	IPR & PATENTS	23	26	2
13W61A0207	RT31021	ELECTRICAL MEASUREMENTS	26	41	3
13W61A0207	RT31022	MEFA	23	40	3
13W61A0207	RT31023	POWER SYSTEMS-II	21	51	3
13W61A0207	RT31024	ELECTRICAL MACHINES-III	21	39	3
13W61A0207	RT31025	POWER ELECTRONICS	26	39	3
13W61A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	17	0
13W61A0207	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
13W61A0207	RT31028	CONTROL SYSTEMS LAB	25	47	2
13W61A0209	RT31016	IPR & PATENTS	23	40	2
13W61A0209	RT31021	ELECTRICAL MEASUREMENTS	24	31	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0209	RT31022	MEFA	22	38	3
13W61A0209	RT31023	POWER SYSTEMS-II	23	46	3
13W61A0209	RT31024	ELECTRICAL MACHINES-III	25	33	3
13W61A0209	RT31025	POWER ELECTRONICS	23	30	3
13W61A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	35	3
13W61A0209	RT31027	ELECTRICAL MACHINES-II LAB	23	45	2
13W61A0209	RT31028	CONTROL SYSTEMS LAB	25	45	2
13W61A0211	RT31016	IPR & PATENTS	22	42	2
13W61A0211	RT31021	ELECTRICAL MEASUREMENTS	18	35	3
13W61A0211	RT31022	MEFA	23	44	3
13W61A0211	RT31023	POWER SYSTEMS-II	22	42	3
13W61A0211	RT31024	ELECTRICAL MACHINES-III	17	42	3
13W61A0211	RT31025	POWER ELECTRONICS	24	36	3
13W61A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	38	3
13W61A0211	RT31027	ELECTRICAL MACHINES-II LAB	21	45	2
13W61A0211	RT31028	CONTROL SYSTEMS LAB	24	45	2
13W61A0212	RT31016	IPR & PATENTS	22	41	2
13W61A0212	RT31021	ELECTRICAL MEASUREMENTS	22	49	3
13W61A0212	RT31022	MEFA	21	43	3
13W61A0212	RT31023	POWER SYSTEMS-II	22	60	3
13W61A0212	RT31024	ELECTRICAL MACHINES-III	15	26	3
13W61A0212	RT31025	POWER ELECTRONICS	24	43	3
13W61A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	35	3
13W61A0212	RT31027	ELECTRICAL MACHINES-II LAB	23	46	2
13W61A0212	RT31028	CONTROL SYSTEMS LAB	25	45	2
13W61A0213	RT31016	IPR & PATENTS	20	24	2
13W61A0213	RT31021	ELECTRICAL MEASUREMENTS	21	40	3
13W61A0213	RT31022	MEFA	17	35	3
13W61A0213	RT31023	POWER SYSTEMS-II	7	44	3
13W61A0213	RT31024	ELECTRICAL MACHINES-III	12	28	3
13W61A0213	RT31025	POWER ELECTRONICS	5	-1	0
13W61A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	8	14	0
13W61A0213	RT31027	ELECTRICAL MACHINES-II LAB	17	27	2
13W61A0213	RT31028	CONTROL SYSTEMS LAB	19	-1	0
13W61A0214	RT31016	IPR & PATENTS	22	30	2
13W61A0214	RT31021	ELECTRICAL MEASUREMENTS	22	34	3
13W61A0214	RT31022	MEFA	20	28	3
13W61A0214	RT31023	POWER SYSTEMS-II	18	35	3
13W61A0214	RT31024	ELECTRICAL MACHINES-III	16	25	3
13W61A0214	RT31025	POWER ELECTRONICS	18	24	3
13W61A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	12	0
13W61A0214	RT31027	ELECTRICAL MACHINES-II LAB	20	37	2
13W61A0214	RT31028	CONTROL SYSTEMS LAB	23	38	2
13W61A0215	RT31016	IPR & PATENTS	21	34	2
13W61A0215	RT31021	ELECTRICAL MEASUREMENTS	24	28	3
13W61A0215	RT31022	MEFA	21	40	3
13W61A0215	RT31023	POWER SYSTEMS-II	14	5	0
13W61A0215	RT31024	ELECTRICAL MACHINES-III	18	50	3
13W61A0215	RT31025	POWER ELECTRONICS	15	3	0
13W61A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	7	0
13W61A0215	RT31027	ELECTRICAL MACHINES-II LAB	17	25	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0215	RT31028	CONTROL SYSTEMS LAB	21	33	2
13W61A0216	RT31016	IPR & PATENTS	19	32	2
13W61A0216	RT31021	ELECTRICAL MEASUREMENTS	22	24	3
13W61A0216	RT31022	MEFA	19	24	3
13W61A0216	RT31023	POWER SYSTEMS-II	15	26	3
13W61A0216	RT31024	ELECTRICAL MACHINES-III	19	25	3
13W61A0216	RT31025	POWER ELECTRONICS	15	6	0
13W61A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	7	0
13W61A0216	RT31027	ELECTRICAL MACHINES-II LAB	20	37	2
13W61A0216	RT31028	CONTROL SYSTEMS LAB	22	38	2
13W61A0217	RT31016	IPR & PATENTS	20	34	2
13W61A0217	RT31021	ELECTRICAL MEASUREMENTS	23	7	0
13W61A0217	RT31022	MEFA	20	42	3
13W61A0217	RT31023	POWER SYSTEMS-II	18	35	3
13W61A0217	RT31024	ELECTRICAL MACHINES-III	20	29	3
13W61A0217	RT31025	POWER ELECTRONICS	21	38	3
13W61A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	17	0
13W61A0217	RT31027	ELECTRICAL MACHINES-II LAB	24	45	2
13W61A0217	RT31028	CONTROL SYSTEMS LAB	25	44	2
13W61A0218	RT31016	IPR & PATENTS	24	35	2
13W61A0218	RT31021	ELECTRICAL MEASUREMENTS	22	45	3
13W61A0218	RT31022	MEFA	20	37	3
13W61A0218	RT31023	POWER SYSTEMS-II	20	39	3
13W61A0218	RT31024	ELECTRICAL MACHINES-III	21	63	3
13W61A0218	RT31025	POWER ELECTRONICS	22	27	3
13W61A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	12	0
13W61A0218	RT31027	ELECTRICAL MACHINES-II LAB	21	42	2
13W61A0218	RT31028	CONTROL SYSTEMS LAB	23	40	2
13W61A0219	RT31016	IPR & PATENTS	25	41	2
13W61A0219	RT31021	ELECTRICAL MEASUREMENTS	25	36	3
13W61A0219	RT31022	MEFA	24	47	3
13W61A0219	RT31023	POWER SYSTEMS-II	19	46	3
13W61A0219	RT31024	ELECTRICAL MACHINES-III	15	49	3
13W61A0219	RT31025	POWER ELECTRONICS	17	7	0
13W61A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	27	3
13W61A0219	RT31027	ELECTRICAL MACHINES-II LAB	21	42	2
13W61A0219	RT31028	CONTROL SYSTEMS LAB	22	40	2
13W61A0221	RT31016	IPR & PATENTS	16	30	2
13W61A0221	RT31021	ELECTRICAL MEASUREMENTS	22	10	0
13W61A0221	RT31022	MEFA	17	30	3
13W61A0221	RT31023	POWER SYSTEMS-II	9	4	0
13W61A0221	RT31024	ELECTRICAL MACHINES-III	12	6	0
13W61A0221	RT31025	POWER ELECTRONICS	15	7	0
13W61A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	13	0
13W61A0221	RT31027	ELECTRICAL MACHINES-II LAB	17	-1	0
13W61A0221	RT31028	CONTROL SYSTEMS LAB	20	-1	0
13W61A0301	RT31016	IPR & PATENTS	20	24	2
13W61A0301	RT31031	DYNAMICS OF MACHINERY	14	12	0
13W61A0301	RT31032	METAL CUTTING & MACHINE TOOLS	20	28	3
13W61A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	18	26	3
13W61A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	46	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0301	RT31035	THERMAL ENGINEERING-II	17	32	3
13W61A0301	RT31036	METROLOGY	16	53	3
13W61A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	20	35	2
13W61A0301	RT31038	MACHINE TOOLS LAB	21	36	2
13W61A0302	RT31016	IPR & PATENTS	19	32	2
13W61A0302	RT31031	DYNAMICS OF MACHINERY	18	41	3
13W61A0302	RT31032	METAL CUTTING & MACHINE TOOLS	17	35	3
13W61A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	23	25	3
13W61A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	50	3
13W61A0302	RT31035	THERMAL ENGINEERING-II	20	6	0
13W61A0302	RT31036	METROLOGY	21	39	3
13W61A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	21	32	2
13W61A0302	RT31038	MACHINE TOOLS LAB	20	36	2
13W61A0303	RT31016	IPR & PATENTS	19	28	2
13W61A0303	RT31031	DYNAMICS OF MACHINERY	17	35	3
13W61A0303	RT31032	METAL CUTTING & MACHINE TOOLS	20	24	3
13W61A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	24	4	0
13W61A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	41	3
13W61A0303	RT31035	THERMAL ENGINEERING-II	17	28	3
13W61A0303	RT31036	METROLOGY	21	24	3
13W61A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	22	36	2
13W61A0303	RT31038	MACHINE TOOLS LAB	21	35	2
13W61A0304	RT31016	IPR & PATENTS	0	-1	0
13W61A0304	RT31031	DYNAMICS OF MACHINERY	0	-1	0
13W61A0304	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
13W61A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-2	0
13W61A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
13W61A0304	RT31035	THERMAL ENGINEERING-II	0	-1	0
13W61A0304	RT31036	METROLOGY	0	-1	0
13W61A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
13W61A0304	RT31038	MACHINE TOOLS LAB	0	-1	0
13W61A0305	RT31016	IPR & PATENTS	19	34	2
13W61A0305	RT31031	DYNAMICS OF MACHINERY	17	8	0
13W61A0305	RT31032	METAL CUTTING & MACHINE TOOLS	24	39	3
13W61A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	23	28	3
13W61A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	46	3
13W61A0305	RT31035	THERMAL ENGINEERING-II	18	34	3
13W61A0305	RT31036	METROLOGY	23	50	3
13W61A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
13W61A0305	RT31038	MACHINE TOOLS LAB	23	42	2
13W61A0306	RT31016	IPR & PATENTS	23	36	2
13W61A0306	RT31031	DYNAMICS OF MACHINERY	19	38	3
13W61A0306	RT31032	METAL CUTTING & MACHINE TOOLS	20	40	3
13W61A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	22	25	3
13W61A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	63	3
13W61A0306	RT31035	THERMAL ENGINEERING-II	20	49	3
13W61A0306	RT31036	METROLOGY	18	24	3
13W61A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	24	43	2
13W61A0306	RT31038	MACHINE TOOLS LAB	21	38	2
13W61A0307	RT31016	IPR & PATENTS	22	27	2
13W61A0307	RT31031	DYNAMICS OF MACHINERY	16	24	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0307	RT31032	METAL CUTTING & MACHINE TOOLS	19	11	0
13W61A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	21	38	3
13W61A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	41	3
13W61A0307	RT31035	THERMAL ENGINEERING-II	18	36	3
13W61A0307	RT31036	METROLOGY	16	30	3
13W61A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	23	34	2
13W61A0307	RT31038	MACHINE TOOLS LAB	22	37	2
13W61A0308	RT31016	IPR & PATENTS	21	7	0
13W61A0308	RT31031	DYNAMICS OF MACHINERY	16	12	0
13W61A0308	RT31032	METAL CUTTING & MACHINE TOOLS	20	45	3
13W61A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	17	39	3
13W61A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	11	0
13W61A0308	RT31035	THERMAL ENGINEERING-II	19	40	3
13W61A0308	RT31036	METROLOGY	18	28	3
13W61A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	23	40	2
13W61A0308	RT31038	MACHINE TOOLS LAB	21	38	2
13W61A0309	RT31016	IPR & PATENTS	17	24	2
13W61A0309	RT31031	DYNAMICS OF MACHINERY	10	4	0
13W61A0309	RT31032	METAL CUTTING & MACHINE TOOLS	17	10	0
13W61A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	5	17	0
13W61A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	-1	0
13W61A0309	RT31035	THERMAL ENGINEERING-II	9	0	0
13W61A0309	RT31036	METROLOGY	9	38	3
13W61A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	15	25	2
13W61A0309	RT31038	MACHINE TOOLS LAB	19	35	2
13W61A0310	RT31016	IPR & PATENTS	21	30	2
13W61A0310	RT31031	DYNAMICS OF MACHINERY	12	29	3
13W61A0310	RT31032	METAL CUTTING & MACHINE TOOLS	16	36	3
13W61A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	22	13	0
13W61A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	28	3
13W61A0310	RT31035	THERMAL ENGINEERING-II	14	6	0
13W61A0310	RT31036	METROLOGY	15	14	0
13W61A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	22	39	2
13W61A0310	RT31038	MACHINE TOOLS LAB	21	32	2
13W61A0311	RT31016	IPR & PATENTS	22	24	2
13W61A0311	RT31031	DYNAMICS OF MACHINERY	16	30	3
13W61A0311	RT31032	METAL CUTTING & MACHINE TOOLS	13	4	0
13W61A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	18	6	0
13W61A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	27	3
13W61A0311	RT31035	THERMAL ENGINEERING-II	17	24	3
13W61A0311	RT31036	METROLOGY	19	24	3
13W61A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	21	33	2
13W61A0311	RT31038	MACHINE TOOLS LAB	21	34	2
13W61A0312	RT31016	IPR & PATENTS	22	34	2
13W61A0312	RT31031	DYNAMICS OF MACHINERY	19	57	3
13W61A0312	RT31032	METAL CUTTING & MACHINE TOOLS	22	65	3
13W61A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	20	50	3
13W61A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	53	3
13W61A0312	RT31035	THERMAL ENGINEERING-II	20	50	3
13W61A0312	RT31036	METROLOGY	21	43	3
13W61A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0312	RT31038	MACHINE TOOLS LAB	23	42	2
13W61A0313	RT31016	IPR & PATENTS	5	26	0
13W61A0313	RT31031	DYNAMICS OF MACHINERY	9	11	0
13W61A0313	RT31032	METAL CUTTING & MACHINE TOOLS	16	10	0
13W61A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	18	25	3
13W61A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	39	3
13W61A0313	RT31035	THERMAL ENGINEERING-II	8	12	0
13W61A0313	RT31036	METROLOGY	13	41	3
13W61A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	16	32	2
13W61A0313	RT31038	MACHINE TOOLS LAB	20	34	2
13W61A0314	RT31016	IPR & PATENTS	22	27	2
13W61A0314	RT31031	DYNAMICS OF MACHINERY	22	8	0
13W61A0314	RT31032	METAL CUTTING & MACHINE TOOLS	17	39	3
13W61A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	20	24	3
13W61A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	25	3
13W61A0314	RT31035	THERMAL ENGINEERING-II	18	24	3
13W61A0314	RT31036	METROLOGY	18	35	3
13W61A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13W61A0314	RT31038	MACHINE TOOLS LAB	23	42	2
13W61A0315	RT31016	IPR & PATENTS	20	40	2
13W61A0315	RT31031	DYNAMICS OF MACHINERY	21	26	3
13W61A0315	RT31032	METAL CUTTING & MACHINE TOOLS	23	24	3
13W61A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	23	28	3
13W61A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	42	3
13W61A0315	RT31035	THERMAL ENGINEERING-II	18	39	3
13W61A0315	RT31036	METROLOGY	17	33	3
13W61A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13W61A0315	RT31038	MACHINE TOOLS LAB	23	41	2
13W61A0317	RT31016	IPR & PATENTS	20	18	0
13W61A0317	RT31031	DYNAMICS OF MACHINERY	16	4	0
13W61A0317	RT31032	METAL CUTTING & MACHINE TOOLS	16	34	3
13W61A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	19	31	3
13W61A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	31	3
13W61A0317	RT31035	THERMAL ENGINEERING-II	14	26	3
13W61A0317	RT31036	METROLOGY	15	25	3
13W61A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	21	29	2
13W61A0317	RT31038	MACHINE TOOLS LAB	21	35	2
13W61A0318	RT31016	IPR & PATENTS	22	30	2
13W61A0318	RT31031	DYNAMICS OF MACHINERY	18	32	3
13W61A0318	RT31032	METAL CUTTING & MACHINE TOOLS	22	37	3
13W61A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	23	16	0
13W61A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	52	3
13W61A0318	RT31035	THERMAL ENGINEERING-II	19	33	3
13W61A0318	RT31036	METROLOGY	21	57	3
13W61A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	24	34	2
13W61A0318	RT31038	MACHINE TOOLS LAB	22	37	2
13W61A0319	RT31016	IPR & PATENTS	22	33	2
13W61A0319	RT31031	DYNAMICS OF MACHINERY	18	43	3
13W61A0319	RT31032	METAL CUTTING & MACHINE TOOLS	21	29	3
13W61A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	23	32	3
13W61A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	27	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0319	RT31035	THERMAL ENGINEERING-II	22	24	3
13W61A0319	RT31036	METROLOGY	20	40	3
13W61A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
13W61A0319	RT31038	MACHINE TOOLS LAB	20	40	2
13W61A0320	RT31016	IPR & PATENTS	23	30	2
13W61A0320	RT31031	DYNAMICS OF MACHINERY	16	26	3
13W61A0320	RT31032	METAL CUTTING & MACHINE TOOLS	15	2	0
13W61A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	19	36	3
13W61A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	36	3
13W61A0320	RT31035	THERMAL ENGINEERING-II	20	32	3
13W61A0320	RT31036	METROLOGY	21	11	0
13W61A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	18	31	2
13W61A0320	RT31038	MACHINE TOOLS LAB	17	35	2
13W61A0321	RT31016	IPR & PATENTS	22	33	2
13W61A0321	RT31031	DYNAMICS OF MACHINERY	22	25	3
13W61A0321	RT31032	METAL CUTTING & MACHINE TOOLS	21	49	3
13W61A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	22	43	3
13W61A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	39	3
13W61A0321	RT31035	THERMAL ENGINEERING-II	23	49	3
13W61A0321	RT31036	METROLOGY	24	29	3
13W61A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	23	38	2
13W61A0321	RT31038	MACHINE TOOLS LAB	22	37	2
13W61A0322	RT31016	IPR & PATENTS	22	29	2
13W61A0322	RT31031	DYNAMICS OF MACHINERY	20	13	0
13W61A0322	RT31032	METAL CUTTING & MACHINE TOOLS	21	25	3
13W61A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	22	19	0
13W61A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	50	3
13W61A0322	RT31035	THERMAL ENGINEERING-II	20	24	3
13W61A0322	RT31036	METROLOGY	19	53	3
13W61A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	24	32	2
13W61A0322	RT31038	MACHINE TOOLS LAB	12	37	2
13W61A0323	RT31016	IPR & PATENTS	20	37	2
13W61A0323	RT31031	DYNAMICS OF MACHINERY	19	41	3
13W61A0323	RT31032	METAL CUTTING & MACHINE TOOLS	21	39	3
13W61A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	24	28	3
13W61A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	37	3
13W61A0323	RT31035	THERMAL ENGINEERING-II	21	47	3
13W61A0323	RT31036	METROLOGY	13	42	3
13W61A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	20	31	2
13W61A0323	RT31038	MACHINE TOOLS LAB	18	35	2
13W61A0324	RT31016	IPR & PATENTS	20	30	2
13W61A0324	RT31031	DYNAMICS OF MACHINERY	18	26	3
13W61A0324	RT31032	METAL CUTTING & MACHINE TOOLS	18	9	0
13W61A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	21	26	3
13W61A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	41	3
13W61A0324	RT31035	THERMAL ENGINEERING-II	19	29	3
13W61A0324	RT31036	METROLOGY	19	32	3
13W61A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	19	44	2
13W61A0324	RT31038	MACHINE TOOLS LAB	20	34	2
13W61A0325	RT31016	IPR & PATENTS	21	35	2
13W61A0325	RT31031	DYNAMICS OF MACHINERY	20	25	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0325	RT31032	METAL CUTTING & MACHINE TOOLS	23	65	3
13W61A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	22	48	3
13W61A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	32	3
13W61A0325	RT31035	THERMAL ENGINEERING-II	19	43	3
13W61A0325	RT31036	METROLOGY	22	37	3
13W61A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
13W61A0325	RT31038	MACHINE TOOLS LAB	19	37	2
13W61A0326	RT31016	IPR & PATENTS	17	24	2
13W61A0326	RT31031	DYNAMICS OF MACHINERY	17	24	3
13W61A0326	RT31032	METAL CUTTING & MACHINE TOOLS	13	9	0
13W61A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	17	15	0
13W61A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	14	0
13W61A0326	RT31035	THERMAL ENGINEERING-II	17	12	0
13W61A0326	RT31036	METROLOGY	17	34	3
13W61A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
13W61A0326	RT31038	MACHINE TOOLS LAB	13	29	2
13W61A0327	RT31016	IPR & PATENTS	20	37	2
13W61A0327	RT31031	DYNAMICS OF MACHINERY	22	39	3
13W61A0327	RT31032	METAL CUTTING & MACHINE TOOLS	20	43	3
13W61A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	22	33	3
13W61A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	38	3
13W61A0327	RT31035	THERMAL ENGINEERING-II	19	37	3
13W61A0327	RT31036	METROLOGY	22	50	3
13W61A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	19	45	2
13W61A0327	RT31038	MACHINE TOOLS LAB	19	36	2
13W61A0328	RT31016	IPR & PATENTS	5	35	2
13W61A0328	RT31031	DYNAMICS OF MACHINERY	16	15	0
13W61A0328	RT31032	METAL CUTTING & MACHINE TOOLS	19	42	3
13W61A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	19	12	0
13W61A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	26	3
13W61A0328	RT31035	THERMAL ENGINEERING-II	15	15	0
13W61A0328	RT31036	METROLOGY	12	12	0
13W61A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	6	-1	0
13W61A0328	RT31038	MACHINE TOOLS LAB	10	-1	0
13W61A0329	RT31016	IPR & PATENTS	23	12	0
13W61A0329	RT31031	DYNAMICS OF MACHINERY	20	32	3
13W61A0329	RT31032	METAL CUTTING & MACHINE TOOLS	23	58	3
13W61A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	22	46	3
13W61A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	38	3
13W61A0329	RT31035	THERMAL ENGINEERING-II	16	40	3
13W61A0329	RT31036	METROLOGY	22	43	3
13W61A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
13W61A0329	RT31038	MACHINE TOOLS LAB	21	38	2
13W61A0330	RT31016	IPR & PATENTS	22	28	2
13W61A0330	RT31031	DYNAMICS OF MACHINERY	16	13	0
13W61A0330	RT31032	METAL CUTTING & MACHINE TOOLS	15	46	3
13W61A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	20	27	3
13W61A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	50	3
13W61A0330	RT31035	THERMAL ENGINEERING-II	16	36	3
13W61A0330	RT31036	METROLOGY	22	-1	0
13W61A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	22	33	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0330	RT31038	MACHINE TOOLS LAB	21	37	2
13W61A0331	RT31016	IPR & PATENTS	21	48	2
13W61A0331	RT31031	DYNAMICS OF MACHINERY	10	39	3
13W61A0331	RT31032	METAL CUTTING & MACHINE TOOLS	11	42	3
13W61A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	16	31	3
13W61A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	6	0
13W61A0331	RT31035	THERMAL ENGINEERING-II	12	29	3
13W61A0331	RT31036	METROLOGY	16	40	3
13W61A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	23	32	2
13W61A0331	RT31038	MACHINE TOOLS LAB	19	35	2
13W61A0332	RT31016	IPR & PATENTS	21	34	2
13W61A0332	RT31031	DYNAMICS OF MACHINERY	18	37	3
13W61A0332	RT31032	METAL CUTTING & MACHINE TOOLS	19	52	3
13W61A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	24	38	3
13W61A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	34	3
13W61A0332	RT31035	THERMAL ENGINEERING-II	17	37	3
13W61A0332	RT31036	METROLOGY	20	0	0
13W61A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
13W61A0332	RT31038	MACHINE TOOLS LAB	21	36	2
13W61A0333	RT31016	IPR & PATENTS	19	17	0
13W61A0333	RT31031	DYNAMICS OF MACHINERY	19	8	0
13W61A0333	RT31032	METAL CUTTING & MACHINE TOOLS	22	58	3
13W61A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	21	36	3
13W61A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	31	3
13W61A0333	RT31035	THERMAL ENGINEERING-II	18	37	3
13W61A0333	RT31036	METROLOGY	14	26	3
13W61A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
13W61A0333	RT31038	MACHINE TOOLS LAB	20	39	2
13W61A0334	RT31016	IPR & PATENTS	22	43	2
13W61A0334	RT31031	DYNAMICS OF MACHINERY	20	32	3
13W61A0334	RT31032	METAL CUTTING & MACHINE TOOLS	21	42	3
13W61A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	22	32	3
13W61A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	53	3
13W61A0334	RT31035	THERMAL ENGINEERING-II	19	38	3
13W61A0334	RT31036	METROLOGY	22	57	3
13W61A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	24	44	2
13W61A0334	RT31038	MACHINE TOOLS LAB	21	35	2
13W61A0335	RT31016	IPR & PATENTS	21	41	2
13W61A0335	RT31031	DYNAMICS OF MACHINERY	23	37	3
13W61A0335	RT31032	METAL CUTTING & MACHINE TOOLS	25	45	3
13W61A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	22	30	3
13W61A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	34	3
13W61A0335	RT31035	THERMAL ENGINEERING-II	19	57	3
13W61A0335	RT31036	METROLOGY	18	58	3
13W61A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	21	47	2
13W61A0335	RT31038	MACHINE TOOLS LAB	24	39	2
13W61A0336	RT31016	IPR & PATENTS	20	34	2
13W61A0336	RT31031	DYNAMICS OF MACHINERY	24	36	3
13W61A0336	RT31032	METAL CUTTING & MACHINE TOOLS	21	36	3
13W61A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	25	36	3
13W61A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	26	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0336	RT31035	THERMAL ENGINEERING-II	18	31	3
13W61A0336	RT31036	METROLOGY	22	24	3
13W61A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	14	48	2
13W61A0336	RT31038	MACHINE TOOLS LAB	23	43	2
13W61A0337	RT31016	IPR & PATENTS	21	11	0
13W61A0337	RT31031	DYNAMICS OF MACHINERY	10	12	0
13W61A0337	RT31032	METAL CUTTING & MACHINE TOOLS	8	38	3
13W61A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	14	30	3
13W61A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	31	3
13W61A0337	RT31035	THERMAL ENGINEERING-II	11	29	3
13W61A0337	RT31036	METROLOGY	17	14	0
13W61A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	20	32	2
13W61A0337	RT31038	MACHINE TOOLS LAB	17	34	2
13W61A0338	RT31016	IPR & PATENTS	21	27	2
13W61A0338	RT31031	DYNAMICS OF MACHINERY	18	24	3
13W61A0338	RT31032	METAL CUTTING & MACHINE TOOLS	10	11	0
13W61A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	19	15	0
13W61A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	46	3
13W61A0338	RT31035	THERMAL ENGINEERING-II	11	2	0
13W61A0338	RT31036	METROLOGY	16	51	3
13W61A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	19	28	2
13W61A0338	RT31038	MACHINE TOOLS LAB	10	-1	0
13W61A0339	RT31016	IPR & PATENTS	23	-1	0
13W61A0339	RT31031	DYNAMICS OF MACHINERY	15	-1	0
13W61A0339	RT31032	METAL CUTTING & MACHINE TOOLS	12	16	0
13W61A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	19	5	0
13W61A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	-1	0
13W61A0339	RT31035	THERMAL ENGINEERING-II	10	14	0
13W61A0339	RT31036	METROLOGY	5	39	3
13W61A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	15	15	0
13W61A0339	RT31038	MACHINE TOOLS LAB	8	-1	0
13W61A0340	RT31016	IPR & PATENTS	23	28	2
13W61A0340	RT31031	DYNAMICS OF MACHINERY	22	34	3
13W61A0340	RT31032	METAL CUTTING & MACHINE TOOLS	21	36	3
13W61A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	20	10	0
13W61A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	29	3
13W61A0340	RT31035	THERMAL ENGINEERING-II	19	24	3
13W61A0340	RT31036	METROLOGY	19	13	0
13W61A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	23	35	2
13W61A0340	RT31038	MACHINE TOOLS LAB	20	37	2
13W61A0341	RT31016	IPR & PATENTS	21	6	0
13W61A0341	RT31031	DYNAMICS OF MACHINERY	25	31	3
13W61A0341	RT31032	METAL CUTTING & MACHINE TOOLS	20	45	3
13W61A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	24	30	3
13W61A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
13W61A0341	RT31035	THERMAL ENGINEERING-II	24	29	3
13W61A0341	RT31036	METROLOGY	22	35	3
13W61A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	21	47	2
13W61A0341	RT31038	MACHINE TOOLS LAB	19	42	2
13W61A0342	RT31016	IPR & PATENTS	21	29	2
13W61A0342	RT31031	DYNAMICS OF MACHINERY	26	24	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0342	RT31032	METAL CUTTING & MACHINE TOOLS	20	34	3
13W61A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	24	34	3
13W61A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	48	3
13W61A0342	RT31035	THERMAL ENGINEERING-II	17	32	3
13W61A0342	RT31036	METROLOGY	21	54	3
13W61A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
13W61A0342	RT31038	MACHINE TOOLS LAB	20	42	2
13W61A0343	RT31016	IPR & PATENTS	22	42	2
13W61A0343	RT31031	DYNAMICS OF MACHINERY	19	57	3
13W61A0343	RT31032	METAL CUTTING & MACHINE TOOLS	18	41	3
13W61A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	23	33	3
13W61A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	41	3
13W61A0343	RT31035	THERMAL ENGINEERING-II	23	59	3
13W61A0343	RT31036	METROLOGY	23	60	3
13W61A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	24	40	2
13W61A0343	RT31038	MACHINE TOOLS LAB	21	39	2
13W61A0344	RT31016	IPR & PATENTS	22	36	2
13W61A0344	RT31031	DYNAMICS OF MACHINERY	15	32	3
13W61A0344	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13W61A0344	RT31033	DESIGN OF MACHINE MEMBERS-I	17	24	3
13W61A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	32	3
13W61A0344	RT31035	THERMAL ENGINEERING-II	18	25	3
13W61A0344	RT31036	METROLOGY	19	24	3
13W61A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	18	36	2
13W61A0344	RT31038	MACHINE TOOLS LAB	20	38	2
13W61A0345	RT31016	IPR & PATENTS	22	8	0
13W61A0345	RT31031	DYNAMICS OF MACHINERY	12	6	0
13W61A0345	RT31032	METAL CUTTING & MACHINE TOOLS	15	42	3
13W61A0345	RT31033	DESIGN OF MACHINE MEMBERS-I	21	41	3
13W61A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	32	3
13W61A0345	RT31035	THERMAL ENGINEERING-II	17	35	3
13W61A0345	RT31036	METROLOGY	20	33	3
13W61A0345	RT31037	METROLOGY & INSTRUMENTATION LAB	22	35	2
13W61A0345	RT31038	MACHINE TOOLS LAB	19	35	2
13W61A0346	RT31016	IPR & PATENTS	22	42	2
13W61A0346	RT31031	DYNAMICS OF MACHINERY	22	51	3
13W61A0346	RT31032	METAL CUTTING & MACHINE TOOLS	24	56	3
13W61A0346	RT31033	DESIGN OF MACHINE MEMBERS-I	24	47	3
13W61A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	55	3
13W61A0346	RT31035	THERMAL ENGINEERING-II	25	50	3
13W61A0346	RT31036	METROLOGY	23	58	3
13W61A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	24	46	2
13W61A0346	RT31038	MACHINE TOOLS LAB	22	43	2
13W61A0347	RT31016	IPR & PATENTS	22	37	2
13W61A0347	RT31031	DYNAMICS OF MACHINERY	24	33	3
13W61A0347	RT31032	METAL CUTTING & MACHINE TOOLS	20	29	3
13W61A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	18	26	3
13W61A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	42	3
13W61A0347	RT31035	THERMAL ENGINEERING-II	20	45	3
13W61A0347	RT31036	METROLOGY	23	61	3
13W61A0347	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0347	RT31038	MACHINE TOOLS LAB	22	39	2
13W61A0348	RT31016	IPR & PATENTS	22	34	2
13W61A0348	RT31031	DYNAMICS OF MACHINERY	17	42	3
13W61A0348	RT31032	METAL CUTTING & MACHINE TOOLS	22	24	3
13W61A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	21	47	3
13W61A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	36	3
13W61A0348	RT31035	THERMAL ENGINEERING-II	13	39	3
13W61A0348	RT31036	METROLOGY	17	15	0
13W61A0348	RT31037	METROLOGY & INSTRUMENTATION LAB	22	32	2
13W61A0348	RT31038	MACHINE TOOLS LAB	21	39	2
13W61A0349	RT31016	IPR & PATENTS	21	24	2
13W61A0349	RT31031	DYNAMICS OF MACHINERY	17	27	3
13W61A0349	RT31032	METAL CUTTING & MACHINE TOOLS	22	57	3
13W61A0349	RT31033	DESIGN OF MACHINE MEMBERS-I	20	36	3
13W61A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	39	3
13W61A0349	RT31035	THERMAL ENGINEERING-II	17	31	3
13W61A0349	RT31036	METROLOGY	16	40	3
13W61A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	25	43	2
13W61A0349	RT31038	MACHINE TOOLS LAB	24	40	2
13W61A0350	RT31016	IPR & PATENTS	21	28	2
13W61A0350	RT31031	DYNAMICS OF MACHINERY	16	11	0
13W61A0350	RT31032	METAL CUTTING & MACHINE TOOLS	21	25	3
13W61A0350	RT31033	DESIGN OF MACHINE MEMBERS-I	15	16	0
13W61A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	45	3
13W61A0350	RT31035	THERMAL ENGINEERING-II	15	32	3
13W61A0350	RT31036	METROLOGY	18	27	3
13W61A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	25	33	2
13W61A0350	RT31038	MACHINE TOOLS LAB	22	34	2
13W61A0352	RT31016	IPR & PATENTS	23	27	2
13W61A0352	RT31031	DYNAMICS OF MACHINERY	14	26	3
13W61A0352	RT31032	METAL CUTTING & MACHINE TOOLS	17	24	3
13W61A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	21	24	3
13W61A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	27	3
13W61A0352	RT31035	THERMAL ENGINEERING-II	17	2	0
13W61A0352	RT31036	METROLOGY	16	16	0
13W61A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	24	34	2
13W61A0352	RT31038	MACHINE TOOLS LAB	22	37	2
13W61A0353	RT31016	IPR & PATENTS	23	-1	0
13W61A0353	RT31031	DYNAMICS OF MACHINERY	13	-1	0
13W61A0353	RT31032	METAL CUTTING & MACHINE TOOLS	15	-1	0
13W61A0353	RT31033	DESIGN OF MACHINE MEMBERS-I	18	-1	0
13W61A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	-1	0
13W61A0353	RT31035	THERMAL ENGINEERING-II	18	-1	0
13W61A0353	RT31036	METROLOGY	19	-1	0
13W61A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
13W61A0353	RT31038	MACHINE TOOLS LAB	20	37	2
13W61A0354	RT31016	IPR & PATENTS	22	24	2
13W61A0354	RT31031	DYNAMICS OF MACHINERY	25	69	3
13W61A0354	RT31032	METAL CUTTING & MACHINE TOOLS	25	59	3
13W61A0354	RT31033	DESIGN OF MACHINE MEMBERS-I	27	47	3
13W61A0354	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	42	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0354	RT31035	THERMAL ENGINEERING-II	23	49	3
13W61A0354	RT31036	METROLOGY	23	47	3
13W61A0354	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
13W61A0354	RT31038	MACHINE TOOLS LAB	24	44	2
13W61A0355	RT31016	IPR & PATENTS	24	43	2
13W61A0355	RT31031	DYNAMICS OF MACHINERY	22	9	0
13W61A0355	RT31032	METAL CUTTING & MACHINE TOOLS	18	36	3
13W61A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	23	32	3
13W61A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	49	3
13W61A0355	RT31035	THERMAL ENGINEERING-II	19	35	3
13W61A0355	RT31036	METROLOGY	25	45	3
13W61A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	24	36	2
13W61A0355	RT31038	MACHINE TOOLS LAB	20	40	2
13W61A0356	RT31016	IPR & PATENTS	24	31	2
13W61A0356	RT31031	DYNAMICS OF MACHINERY	19	31	3
13W61A0356	RT31032	METAL CUTTING & MACHINE TOOLS	21	36	3
13W61A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	21	27	3
13W61A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	38	3
13W61A0356	RT31035	THERMAL ENGINEERING-II	18	44	3
13W61A0356	RT31036	METROLOGY	21	43	3
13W61A0356	RT31037	METROLOGY & INSTRUMENTATION LAB	22	38	2
13W61A0356	RT31038	MACHINE TOOLS LAB	22	40	2
13W61A0357	RT31016	IPR & PATENTS	24	28	2
13W61A0357	RT31031	DYNAMICS OF MACHINERY	18	36	3
13W61A0357	RT31032	METAL CUTTING & MACHINE TOOLS	19	24	3
13W61A0357	RT31033	DESIGN OF MACHINE MEMBERS-I	19	36	3
13W61A0357	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	40	3
13W61A0357	RT31035	THERMAL ENGINEERING-II	18	29	3
13W61A0357	RT31036	METROLOGY	23	31	3
13W61A0357	RT31037	METROLOGY & INSTRUMENTATION LAB	22	35	2
13W61A0357	RT31038	MACHINE TOOLS LAB	22	35	2
13W61A0358	RT31016	IPR & PATENTS	22	8	0
13W61A0358	RT31031	DYNAMICS OF MACHINERY	16	5	0
13W61A0358	RT31032	METAL CUTTING & MACHINE TOOLS	16	50	3
13W61A0358	RT31033	DESIGN OF MACHINE MEMBERS-I	19	45	3
13W61A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	38	3
13W61A0358	RT31035	THERMAL ENGINEERING-II	14	39	3
13W61A0358	RT31036	METROLOGY	19	30	3
13W61A0358	RT31037	METROLOGY & INSTRUMENTATION LAB	23	34	2
13W61A0358	RT31038	MACHINE TOOLS LAB	22	36	2
13W61A0359	RT31016	IPR & PATENTS	23	31	2
13W61A0359	RT31031	DYNAMICS OF MACHINERY	19	6	0
13W61A0359	RT31032	METAL CUTTING & MACHINE TOOLS	19	24	3
13W61A0359	RT31033	DESIGN OF MACHINE MEMBERS-I	19	25	3
13W61A0359	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	48	3
13W61A0359	RT31035	THERMAL ENGINEERING-II	19	34	3
13W61A0359	RT31036	METROLOGY	16	33	3
13W61A0359	RT31037	METROLOGY & INSTRUMENTATION LAB	25	35	2
13W61A0359	RT31038	MACHINE TOOLS LAB	22	38	2
13W61A0360	RT31016	IPR & PATENTS	16	37	2
13W61A0360	RT31031	DYNAMICS OF MACHINERY	17	24	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0360	RT31032	METAL CUTTING & MACHINE TOOLS	11	30	3
13W61A0360	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
13W61A0360	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	30	3
13W61A0360	RT31035	THERMAL ENGINEERING-II	3	37	3
13W61A0360	RT31036	METROLOGY	6	7	0
13W61A0360	RT31037	METROLOGY & INSTRUMENTATION LAB	9	25	2
13W61A0360	RT31038	MACHINE TOOLS LAB	10	29	2
13W61A0361	RT31016	IPR & PATENTS	27	30	2
13W61A0361	RT31031	DYNAMICS OF MACHINERY	12	36	3
13W61A0361	RT31032	METAL CUTTING & MACHINE TOOLS	18	14	0
13W61A0361	RT31033	DESIGN OF MACHINE MEMBERS-I	13	27	3
13W61A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
13W61A0361	RT31035	THERMAL ENGINEERING-II	19	42	3
13W61A0361	RT31036	METROLOGY	18	31	3
13W61A0361	RT31037	METROLOGY & INSTRUMENTATION LAB	16	33	2
13W61A0361	RT31038	MACHINE TOOLS LAB	23	35	2
13W61A0362	RT31016	IPR & PATENTS	25	10	0
13W61A0362	RT31031	DYNAMICS OF MACHINERY	12	3	0
13W61A0362	RT31032	METAL CUTTING & MACHINE TOOLS	16	36	3
13W61A0362	RT31033	DESIGN OF MACHINE MEMBERS-I	11	34	3
13W61A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	12	0
13W61A0362	RT31035	THERMAL ENGINEERING-II	18	29	3
13W61A0362	RT31036	METROLOGY	15	33	3
13W61A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	19	32	2
13W61A0362	RT31038	MACHINE TOOLS LAB	23	38	2
13W61A0363	RT31016	IPR & PATENTS	27	32	2
13W61A0363	RT31031	DYNAMICS OF MACHINERY	12	11	0
13W61A0363	RT31032	METAL CUTTING & MACHINE TOOLS	21	35	3
13W61A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	17	25	3
13W61A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	38	3
13W61A0363	RT31035	THERMAL ENGINEERING-II	13	36	3
13W61A0363	RT31036	METROLOGY	18	57	3
13W61A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	18	31	2
13W61A0363	RT31038	MACHINE TOOLS LAB	22	38	2
13W61A0364	RT31016	IPR & PATENTS	22	31	2
13W61A0364	RT31031	DYNAMICS OF MACHINERY	10	30	3
13W61A0364	RT31032	METAL CUTTING & MACHINE TOOLS	16	29	3
13W61A0364	RT31033	DESIGN OF MACHINE MEMBERS-I	9	31	3
13W61A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	33	3
13W61A0364	RT31035	THERMAL ENGINEERING-II	15	7	0
13W61A0364	RT31036	METROLOGY	17	8	0
13W61A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	15	32	2
13W61A0364	RT31038	MACHINE TOOLS LAB	20	35	2
13W61A0365	RT31016	IPR & PATENTS	26	28	2
13W61A0365	RT31031	DYNAMICS OF MACHINERY	11	31	3
13W61A0365	RT31032	METAL CUTTING & MACHINE TOOLS	15	25	3
13W61A0365	RT31033	DESIGN OF MACHINE MEMBERS-I	10	41	3
13W61A0365	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	41	3
13W61A0365	RT31035	THERMAL ENGINEERING-II	18	33	3
13W61A0365	RT31036	METROLOGY	21	32	3
13W61A0365	RT31037	METROLOGY & INSTRUMENTATION LAB	14	26	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0365	RT31038	MACHINE TOOLS LAB	21	37	2
13W61A0366	RT31016	IPR & PATENTS	26	11	0
13W61A0366	RT31031	DYNAMICS OF MACHINERY	6	5	0
13W61A0366	RT31032	METAL CUTTING & MACHINE TOOLS	12	8	0
13W61A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	3	21	0
13W61A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	7	33	3
13W61A0366	RT31035	THERMAL ENGINEERING-II	13	28	3
13W61A0366	RT31036	METROLOGY	10	30	3
13W61A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	11	26	2
13W61A0366	RT31038	MACHINE TOOLS LAB	17	33	2
13W61A0367	RT31016	IPR & PATENTS	26	33	2
13W61A0367	RT31031	DYNAMICS OF MACHINERY	10	6	0
13W61A0367	RT31032	METAL CUTTING & MACHINE TOOLS	19	25	3
13W61A0367	RT31033	DESIGN OF MACHINE MEMBERS-I	9	31	3
13W61A0367	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	37	3
13W61A0367	RT31035	THERMAL ENGINEERING-II	11	40	3
13W61A0367	RT31036	METROLOGY	15	56	3
13W61A0367	RT31037	METROLOGY & INSTRUMENTATION LAB	20	32	2
13W61A0367	RT31038	MACHINE TOOLS LAB	17	33	2
13W61A0368	RT31016	IPR & PATENTS	23	38	2
13W61A0368	RT31031	DYNAMICS OF MACHINERY	11	47	3
13W61A0368	RT31032	METAL CUTTING & MACHINE TOOLS	20	43	3
13W61A0368	RT31033	DESIGN OF MACHINE MEMBERS-I	12	31	3
13W61A0368	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	38	3
13W61A0368	RT31035	THERMAL ENGINEERING-II	18	57	3
13W61A0368	RT31036	METROLOGY	22	35	3
13W61A0368	RT31037	METROLOGY & INSTRUMENTATION LAB	19	34	2
13W61A0368	RT31038	MACHINE TOOLS LAB	22	41	2
13W61A0369	RT31016	IPR & PATENTS	19	24	2
13W61A0369	RT31031	DYNAMICS OF MACHINERY	11	18	0
13W61A0369	RT31032	METAL CUTTING & MACHINE TOOLS	17	13	0
13W61A0369	RT31033	DESIGN OF MACHINE MEMBERS-I	16	33	3
13W61A0369	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	5	0
13W61A0369	RT31035	THERMAL ENGINEERING-II	13	27	3
13W61A0369	RT31036	METROLOGY	15	13	0
13W61A0369	RT31037	METROLOGY & INSTRUMENTATION LAB	20	38	2
13W61A0369	RT31038	MACHINE TOOLS LAB	21	39	2
13W61A0370	RT31016	IPR & PATENTS	26	11	0
13W61A0370	RT31031	DYNAMICS OF MACHINERY	13	13	0
13W61A0370	RT31032	METAL CUTTING & MACHINE TOOLS	17	38	3
13W61A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	13	39	3
13W61A0370	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	30	3
13W61A0370	RT31035	THERMAL ENGINEERING-II	18	32	3
13W61A0370	RT31036	METROLOGY	18	31	3
13W61A0370	RT31037	METROLOGY & INSTRUMENTATION LAB	20	35	2
13W61A0370	RT31038	MACHINE TOOLS LAB	20	36	2
13W61A0371	RT31016	IPR & PATENTS	26	26	2
13W61A0371	RT31031	DYNAMICS OF MACHINERY	16	8	0
13W61A0371	RT31032	METAL CUTTING & MACHINE TOOLS	21	46	3
13W61A0371	RT31033	DESIGN OF MACHINE MEMBERS-I	19	14	0
13W61A0371	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	45	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0371	RT31035	THERMAL ENGINEERING-II	22	39	3
13W61A0371	RT31036	METROLOGY	19	59	3
13W61A0371	RT31037	METROLOGY & INSTRUMENTATION LAB	21	40	2
13W61A0371	RT31038	MACHINE TOOLS LAB	22	38	2
13W61A0372	RT31016	IPR & PATENTS	26	46	2
13W61A0372	RT31031	DYNAMICS OF MACHINERY	17	39	3
13W61A0372	RT31032	METAL CUTTING & MACHINE TOOLS	22	42	3
13W61A0372	RT31033	DESIGN OF MACHINE MEMBERS-I	24	30	3
13W61A0372	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	39	3
13W61A0372	RT31035	THERMAL ENGINEERING-II	23	68	3
13W61A0372	RT31036	METROLOGY	23	64	3
13W61A0372	RT31037	METROLOGY & INSTRUMENTATION LAB	24	40	2
13W61A0372	RT31038	MACHINE TOOLS LAB	22	39	2
13W61A0373	RT31016	IPR & PATENTS	30	34	2
13W61A0373	RT31031	DYNAMICS OF MACHINERY	19	45	3
13W61A0373	RT31032	METAL CUTTING & MACHINE TOOLS	23	36	3
13W61A0373	RT31033	DESIGN OF MACHINE MEMBERS-I	24	50	3
13W61A0373	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	39	3
13W61A0373	RT31035	THERMAL ENGINEERING-II	19	45	3
13W61A0373	RT31036	METROLOGY	24	35	3
13W61A0373	RT31037	METROLOGY & INSTRUMENTATION LAB	24	46	2
13W61A0373	RT31038	MACHINE TOOLS LAB	23	41	2
13W61A0374	RT31016	IPR & PATENTS	24	24	2
13W61A0374	RT31031	DYNAMICS OF MACHINERY	13	27	3
13W61A0374	RT31032	METAL CUTTING & MACHINE TOOLS	22	58	3
13W61A0374	RT31033	DESIGN OF MACHINE MEMBERS-I	18	32	3
13W61A0374	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	36	3
13W61A0374	RT31035	THERMAL ENGINEERING-II	22	41	3
13W61A0374	RT31036	METROLOGY	22	39	3
13W61A0374	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
13W61A0374	RT31038	MACHINE TOOLS LAB	22	40	2
13W61A0375	RT31016	IPR & PATENTS	26	37	2
13W61A0375	RT31031	DYNAMICS OF MACHINERY	13	9	0
13W61A0375	RT31032	METAL CUTTING & MACHINE TOOLS	22	34	3
13W61A0375	RT31033	DESIGN OF MACHINE MEMBERS-I	16	24	3
13W61A0375	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	34	3
13W61A0375	RT31035	THERMAL ENGINEERING-II	21	34	3
13W61A0375	RT31036	METROLOGY	21	53	3
13W61A0375	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
13W61A0375	RT31038	MACHINE TOOLS LAB	23	39	2
13W61A0377	RT31016	IPR & PATENTS	26	36	2
13W61A0377	RT31031	DYNAMICS OF MACHINERY	9	31	3
13W61A0377	RT31032	METAL CUTTING & MACHINE TOOLS	21	35	3
13W61A0377	RT31033	DESIGN OF MACHINE MEMBERS-I	17	14	0
13W61A0377	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	12	0
13W61A0377	RT31035	THERMAL ENGINEERING-II	23	41	3
13W61A0377	RT31036	METROLOGY	18	25	3
13W61A0377	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
13W61A0377	RT31038	MACHINE TOOLS LAB	23	38	2
13W61A0378	RT31016	IPR & PATENTS	21	-1	0
13W61A0378	RT31031	DYNAMICS OF MACHINERY	13	13	0

Htno	Subcode	Subname	Internal	External	credits
13W61A0378	RT31032	METAL CUTTING & MACHINE TOOLS	16	10	0
13W61A0378	RT31033	DESIGN OF MACHINE MEMBERS-I	13	46	3
13W61A0378	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	16	0
13W61A0378	RT31035	THERMAL ENGINEERING-II	13	12	0
13W61A0378	RT31036	METROLOGY	19	11	0
13W61A0378	RT31037	METROLOGY & INSTRUMENTATION LAB	21	34	2
13W61A0378	RT31038	MACHINE TOOLS LAB	23	41	2
13W61A0379	RT31016	IPR & PATENTS	24	32	2
13W61A0379	RT31031	DYNAMICS OF MACHINERY	21	32	3
13W61A0379	RT31032	METAL CUTTING & MACHINE TOOLS	19	63	3
13W61A0379	RT31033	DESIGN OF MACHINE MEMBERS-I	21	56	3
13W61A0379	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	39	3
13W61A0379	RT31035	THERMAL ENGINEERING-II	18	53	3
13W61A0379	RT31036	METROLOGY	21	41	3
13W61A0379	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
13W61A0379	RT31038	MACHINE TOOLS LAB	22	39	2
13W61A0380	RT31016	IPR & PATENTS	26	29	2
13W61A0380	RT31031	DYNAMICS OF MACHINERY	13	27	3
13W61A0380	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13W61A0380	RT31033	DESIGN OF MACHINE MEMBERS-I	13	27	3
13W61A0380	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	47	3
13W61A0380	RT31035	THERMAL ENGINEERING-II	16	42	3
13W61A0380	RT31036	METROLOGY	23	53	3
13W61A0380	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
13W61A0380	RT31038	MACHINE TOOLS LAB	22	33	2
13W61A0381	RT31016	IPR & PATENTS	27	48	2
13W61A0381	RT31031	DYNAMICS OF MACHINERY	14	57	3
13W61A0381	RT31032	METAL CUTTING & MACHINE TOOLS	21	45	3
13W61A0381	RT31033	DESIGN OF MACHINE MEMBERS-I	15	27	3
13W61A0381	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	42	3
13W61A0381	RT31035	THERMAL ENGINEERING-II	20	59	3
13W61A0381	RT31036	METROLOGY	20	48	3
13W61A0381	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
13W61A0381	RT31038	MACHINE TOOLS LAB	23	40	2
13W61A0382	RT31016	IPR & PATENTS	23	30	2
13W61A0382	RT31031	DYNAMICS OF MACHINERY	15	40	3
13W61A0382	RT31032	METAL CUTTING & MACHINE TOOLS	22	25	3
13W61A0382	RT31033	DESIGN OF MACHINE MEMBERS-I	13	49	3
13W61A0382	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	24	3
13W61A0382	RT31035	THERMAL ENGINEERING-II	18	37	3
13W61A0382	RT31036	METROLOGY	21	32	3
13W61A0382	RT31037	METROLOGY & INSTRUMENTATION LAB	21	36	2
13W61A0382	RT31038	MACHINE TOOLS LAB	23	39	2
13W61A0383	RT31016	IPR & PATENTS	22	25	2
13W61A0383	RT31031	DYNAMICS OF MACHINERY	19	10	0
13W61A0383	RT31032	METAL CUTTING & MACHINE TOOLS	21	68	3
13W61A0383	RT31033	DESIGN OF MACHINE MEMBERS-I	15	53	3
13W61A0383	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	50	3
13W61A0383	RT31035	THERMAL ENGINEERING-II	19	38	3
13W61A0383	RT31036	METROLOGY	22	39	3
13W61A0383	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0383	RT31038	MACHINE TOOLS LAB	23	42	2
13W61A0384	RT31016	IPR & PATENTS	24	29	2
13W61A0384	RT31031	DYNAMICS OF MACHINERY	11	8	0
13W61A0384	RT31032	METAL CUTTING & MACHINE TOOLS	18	26	3
13W61A0384	RT31033	DESIGN OF MACHINE MEMBERS-I	12	10	0
13W61A0384	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	39	3
13W61A0384	RT31035	THERMAL ENGINEERING-II	10	32	3
13W61A0384	RT31036	METROLOGY	22	27	3
13W61A0384	RT31037	METROLOGY & INSTRUMENTATION LAB	19	35	2
13W61A0384	RT31038	MACHINE TOOLS LAB	23	40	2
13W61A0385	RT31016	IPR & PATENTS	22	36	2
13W61A0385	RT31031	DYNAMICS OF MACHINERY	6	-1	0
13W61A0385	RT31032	METAL CUTTING & MACHINE TOOLS	13	8	0
13W61A0385	RT31033	DESIGN OF MACHINE MEMBERS-I	3	24	0
13W61A0385	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	44	3
13W61A0385	RT31035	THERMAL ENGINEERING-II	6	35	3
13W61A0385	RT31036	METROLOGY	3	6	0
13W61A0385	RT31037	METROLOGY & INSTRUMENTATION LAB	11	26	2
13W61A0385	RT31038	MACHINE TOOLS LAB	18	-1	0
13W61A0386	RT31016	IPR & PATENTS	25	28	2
13W61A0386	RT31031	DYNAMICS OF MACHINERY	16	43	3
13W61A0386	RT31032	METAL CUTTING & MACHINE TOOLS	22	8	0
13W61A0386	RT31033	DESIGN OF MACHINE MEMBERS-I	15	42	3
13W61A0386	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	44	3
13W61A0386	RT31035	THERMAL ENGINEERING-II	19	38	3
13W61A0386	RT31036	METROLOGY	24	33	3
13W61A0386	RT31037	METROLOGY & INSTRUMENTATION LAB	19	38	2
13W61A0386	RT31038	MACHINE TOOLS LAB	23	41	2
13W61A0387	RT31016	IPR & PATENTS	29	8	0
13W61A0387	RT31031	DYNAMICS OF MACHINERY	13	2	0
13W61A0387	RT31032	METAL CUTTING & MACHINE TOOLS	16	40	3
13W61A0387	RT31033	DESIGN OF MACHINE MEMBERS-I	19	31	3
13W61A0387	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	24	3
13W61A0387	RT31035	THERMAL ENGINEERING-II	13	19	0
13W61A0387	RT31036	METROLOGY	19	24	3
13W61A0387	RT31037	METROLOGY & INSTRUMENTATION LAB	20	38	2
13W61A0387	RT31038	MACHINE TOOLS LAB	22	35	2
13W61A0388	RT31016	IPR & PATENTS	25	34	2
13W61A0388	RT31031	DYNAMICS OF MACHINERY	13	32	3
13W61A0388	RT31032	METAL CUTTING & MACHINE TOOLS	18	11	0
13W61A0388	RT31033	DESIGN OF MACHINE MEMBERS-I	13	13	0
13W61A0388	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	39	3
13W61A0388	RT31035	THERMAL ENGINEERING-II	17	38	3
13W61A0388	RT31036	METROLOGY	18	58	3
13W61A0388	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
13W61A0388	RT31038	MACHINE TOOLS LAB	22	36	2
13W61A0390	RT31016	IPR & PATENTS	19	31	2
13W61A0390	RT31031	DYNAMICS OF MACHINERY	6	14	0
13W61A0390	RT31032	METAL CUTTING & MACHINE TOOLS	9	14	0
13W61A0390	RT31033	DESIGN OF MACHINE MEMBERS-I	0	9	0
13W61A0390	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	3	26	0

Htno	Subcode	Subname	Internal	External	credits
13W61A0390	RT31035	THERMAL ENGINEERING-II	3	13	0
13W61A0390	RT31036	METROLOGY	2	38	3
13W61A0390	RT31037	METROLOGY & INSTRUMENTATION LAB	15	26	2
13W61A0390	RT31038	MACHINE TOOLS LAB	17	33	2
13W61A0391	RT31016	IPR & PATENTS	29	40	2
13W61A0391	RT31031	DYNAMICS OF MACHINERY	16	37	3
13W61A0391	RT31032	METAL CUTTING & MACHINE TOOLS	24	6	0
13W61A0391	RT31033	DESIGN OF MACHINE MEMBERS-I	23	37	3
13W61A0391	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	54	3
13W61A0391	RT31035	THERMAL ENGINEERING-II	22	41	3
13W61A0391	RT31036	METROLOGY	23	41	3
13W61A0391	RT31037	METROLOGY & INSTRUMENTATION LAB	24	43	2
13W61A0391	RT31038	MACHINE TOOLS LAB	22	40	2
13W61A0392	RT31016	IPR & PATENTS	29	13	0
13W61A0392	RT31031	DYNAMICS OF MACHINERY	9	17	0
13W61A0392	RT31032	METAL CUTTING & MACHINE TOOLS	18	64	3
13W61A0392	RT31033	DESIGN OF MACHINE MEMBERS-I	17	42	3
13W61A0392	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	40	3
13W61A0392	RT31035	THERMAL ENGINEERING-II	15	25	3
13W61A0392	RT31036	METROLOGY	24	36	3
13W61A0392	RT31037	METROLOGY & INSTRUMENTATION LAB	21	31	2
13W61A0392	RT31038	MACHINE TOOLS LAB	19	35	2
13W61A0393	RT31016	IPR & PATENTS	24	35	2
13W61A0393	RT31031	DYNAMICS OF MACHINERY	14	4	0
13W61A0393	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13W61A0393	RT31033	DESIGN OF MACHINE MEMBERS-I	20	25	3
13W61A0393	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	28	3
13W61A0393	RT31035	THERMAL ENGINEERING-II	18	11	0
13W61A0393	RT31036	METROLOGY	17	35	3
13W61A0393	RT31037	METROLOGY & INSTRUMENTATION LAB	17	35	2
13W61A0393	RT31038	MACHINE TOOLS LAB	14	38	2
13W61A0394	RT31016	IPR & PATENTS	27	42	2
13W61A0394	RT31031	DYNAMICS OF MACHINERY	9	48	3
13W61A0394	RT31032	METAL CUTTING & MACHINE TOOLS	13	44	3
13W61A0394	RT31033	DESIGN OF MACHINE MEMBERS-I	7	33	3
13W61A0394	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	59	3
13W61A0394	RT31035	THERMAL ENGINEERING-II	3	42	3
13W61A0394	RT31036	METROLOGY	0	19	0
13W61A0394	RT31037	METROLOGY & INSTRUMENTATION LAB	15	32	2
13W61A0394	RT31038	MACHINE TOOLS LAB	20	34	2
13W61A0395	RT31016	IPR & PATENTS	25	39	2
13W61A0395	RT31031	DYNAMICS OF MACHINERY	11	31	3
13W61A0395	RT31032	METAL CUTTING & MACHINE TOOLS	15	9	0
13W61A0395	RT31033	DESIGN OF MACHINE MEMBERS-I	12	37	3
13W61A0395	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	42	3
13W61A0395	RT31035	THERMAL ENGINEERING-II	16	43	3
13W61A0395	RT31036	METROLOGY	18	31	3
13W61A0395	RT31037	METROLOGY & INSTRUMENTATION LAB	21	38	2
13W61A0395	RT31038	MACHINE TOOLS LAB	20	37	2
13W61A0396	RT31016	IPR & PATENTS	25	12	0
13W61A0396	RT31031	DYNAMICS OF MACHINERY	10	4	0

Htno	Subcode	Subname	Internal	External	credits
13W61A0396	RT31032	METAL CUTTING & MACHINE TOOLS	14	59	3
13W61A0396	RT31033	DESIGN OF MACHINE MEMBERS-I	11	40	3
13W61A0396	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	49	3
13W61A0396	RT31035	THERMAL ENGINEERING-II	18	28	3
13W61A0396	RT31036	METROLOGY	19	41	3
13W61A0396	RT31037	METROLOGY & INSTRUMENTATION LAB	18	37	2
13W61A0396	RT31038	MACHINE TOOLS LAB	21	32	2
13W61A0397	RT31016	IPR & PATENTS	21	36	2
13W61A0397	RT31031	DYNAMICS OF MACHINERY	13	13	0
13W61A0397	RT31032	METAL CUTTING & MACHINE TOOLS	24	36	3
13W61A0397	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
13W61A0397	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	45	3
13W61A0397	RT31035	THERMAL ENGINEERING-II	16	34	3
13W61A0397	RT31036	METROLOGY	16	60	3
13W61A0397	RT31037	METROLOGY & INSTRUMENTATION LAB	18	37	2
13W61A0397	RT31038	MACHINE TOOLS LAB	23	36	2
13W61A0399	RT31016	IPR & PATENTS	25	30	2
13W61A0399	RT31031	DYNAMICS OF MACHINERY	10	30	3
13W61A0399	RT31032	METAL CUTTING & MACHINE TOOLS	22	41	3
13W61A0399	RT31033	DESIGN OF MACHINE MEMBERS-I	10	25	0
13W61A0399	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	54	3
13W61A0399	RT31035	THERMAL ENGINEERING-II	18	33	3
13W61A0399	RT31036	METROLOGY	16	53	3
13W61A0399	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
13W61A0399	RT31038	MACHINE TOOLS LAB	23	43	2
13W61A03A0	RT31016	IPR & PATENTS	23	31	2
13W61A03A0	RT31031	DYNAMICS OF MACHINERY	4	9	0
13W61A03A0	RT31032	METAL CUTTING & MACHINE TOOLS	12	9	0
13W61A03A0	RT31033	DESIGN OF MACHINE MEMBERS-I	0	10	0
13W61A03A0	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	9	13	0
13W61A03A0	RT31035	THERMAL ENGINEERING-II	4	10	0
13W61A03A0	RT31036	METROLOGY	9	8	0
13W61A03A0	RT31037	METROLOGY & INSTRUMENTATION LAB	15	31	2
13W61A03A0	RT31038	MACHINE TOOLS LAB	10	15	0
13W61A03A2	RT31016	IPR & PATENTS	22	25	2
13W61A03A2	RT31031	DYNAMICS OF MACHINERY	9	36	3
13W61A03A2	RT31032	METAL CUTTING & MACHINE TOOLS	15	36	3
13W61A03A2	RT31033	DESIGN OF MACHINE MEMBERS-I	10	14	0
13W61A03A2	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	25	3
13W61A03A2	RT31035	THERMAL ENGINEERING-II	9	11	0
13W61A03A2	RT31036	METROLOGY	14	26	3
13W61A03A2	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
13W61A03A2	RT31038	MACHINE TOOLS LAB	23	39	2
13W61A0401	RT31016	IPR & PATENTS	24	46	2
13W61A0401	RT31041	PULSE & DIGITAL CIRCUITS	22	47	3
13W61A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	61	3
13W61A0401	RT31043	CONTROL SYSTEMS	21	44	3
13W61A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	44	3
13W61A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	21	34	3
13W61A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	35	2
13W61A0401	RT31048	LICA LAB	20	46	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13W61A0403	RT31016	IPR & PATENTS	24	39	2
13W61A0403	RT31041	PULSE & DIGITAL CIRCUITS	26	50	3
13W61A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	36	3
13W61A0403	RT31043	CONTROL SYSTEMS	26	39	3
13W61A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	44	3
13W61A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	22	37	3
13W61A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13W61A0403	RT31048	LICA LAB	24	47	2
13W61A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	48	2
13W61A0404	RT31016	IPR & PATENTS	24	38	2
13W61A0404	RT31041	PULSE & DIGITAL CIRCUITS	18	31	3
13W61A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	24	3
13W61A0404	RT31043	CONTROL SYSTEMS	15	25	3
13W61A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	37	3
13W61A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	23	29	3
13W61A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	38	2
13W61A0404	RT31048	LICA LAB	18	34	2
13W61A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	32	2
13W61A0405	RT31016	IPR & PATENTS	19	28	2
13W61A0405	RT31041	PULSE & DIGITAL CIRCUITS	11	29	3
13W61A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	11	0
13W61A0405	RT31043	CONTROL SYSTEMS	11	29	3
13W61A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	15	0
13W61A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	14	34	3
13W61A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	24	2
13W61A0405	RT31048	LICA LAB	15	31	2
13W61A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	29	2
13W61A0406	RT31016	IPR & PATENTS	24	42	2
13W61A0406	RT31041	PULSE & DIGITAL CIRCUITS	20	28	3
13W61A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	26	3
13W61A0406	RT31043	CONTROL SYSTEMS	17	28	3
13W61A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	33	3
13W61A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	20	14	0
13W61A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
13W61A0406	RT31048	LICA LAB	20	40	2
13W61A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	39	2
13W61A0407	RT31016	IPR & PATENTS	20	41	2
13W61A0407	RT31041	PULSE & DIGITAL CIRCUITS	24	41	3
13W61A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	37	3
13W61A0407	RT31043	CONTROL SYSTEMS	22	43	3
13W61A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	47	3
13W61A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	24	35	3
13W61A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13W61A0407	RT31048	LICA LAB	24	49	2
13W61A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13W61A0408	RT31016	IPR & PATENTS	24	45	2
13W61A0408	RT31041	PULSE & DIGITAL CIRCUITS	26	43	3
13W61A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	40	3
13W61A0408	RT31043	CONTROL SYSTEMS	22	35	3
13W61A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	56	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	23	36	3
13W61A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13W61A0408	RT31048	LICA LAB	23	47	2
13W61A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13W61A0409	RT31016	IPR & PATENTS	26	38	2
13W61A0409	RT31041	PULSE & DIGITAL CIRCUITS	19	40	3
13W61A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	59	3
13W61A0409	RT31043	CONTROL SYSTEMS	14	50	3
13W61A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	45	3
13W61A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	19	54	3
13W61A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13W61A0409	RT31048	LICA LAB	20	45	2
13W61A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13W61A0410	RT31016	IPR & PATENTS	25	45	2
13W61A0410	RT31041	PULSE & DIGITAL CIRCUITS	23	41	3
13W61A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	46	3
13W61A0410	RT31043	CONTROL SYSTEMS	20	46	3
13W61A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	38	3
13W61A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	22	37	3
13W61A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
13W61A0410	RT31048	LICA LAB	22	46	2
13W61A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13W61A0411	RT31016	IPR & PATENTS	24	48	2
13W61A0411	RT31041	PULSE & DIGITAL CIRCUITS	22	54	3
13W61A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	39	3
13W61A0411	RT31043	CONTROL SYSTEMS	24	59	3
13W61A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	60	3
13W61A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	20	36	3
13W61A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13W61A0411	RT31048	LICA LAB	23	48	2
13W61A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13W61A0413	RT31016	IPR & PATENTS	12	11	0
13W61A0413	RT31041	PULSE & DIGITAL CIRCUITS	8	7	0
13W61A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	11	0
13W61A0413	RT31043	CONTROL SYSTEMS	2	3	0
13W61A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	5	0
13W61A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	7	2	0
13W61A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	13	22	2
13W61A0413	RT31048	LICA LAB	15	29	2
13W61A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	16	21	2
13W61A0414	RT31016	IPR & PATENTS	24	11	0
13W61A0414	RT31041	PULSE & DIGITAL CIRCUITS	19	33	3
13W61A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	42	3
13W61A0414	RT31043	CONTROL SYSTEMS	18	50	3
13W61A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	40	3
13W61A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	21	40	3
13W61A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
13W61A0414	RT31048	LICA LAB	20	43	2
13W61A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
13W61A0415	RT31016	IPR & PATENTS	23	44	2
13W61A0415	RT31041	PULSE & DIGITAL CIRCUITS	17	42	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	34	3
13W61A0415	RT31043	CONTROL SYSTEMS	16	41	3
13W61A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	33	3
13W61A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	21	42	3
13W61A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
13W61A0415	RT31048	LICA LAB	22	45	2
13W61A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	37	2
13W61A0416	RT31016	IPR & PATENTS	25	38	2
13W61A0416	RT31041	PULSE & DIGITAL CIRCUITS	23	42	3
13W61A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	37	3
13W61A0416	RT31043	CONTROL SYSTEMS	24	38	3
13W61A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	52	3
13W61A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	24	32	3
13W61A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13W61A0416	RT31048	LICA LAB	23	47	2
13W61A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13W61A0417	RT31016	IPR & PATENTS	24	35	2
13W61A0417	RT31041	PULSE & DIGITAL CIRCUITS	14	32	3
13W61A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	35	3
13W61A0417	RT31043	CONTROL SYSTEMS	12	10	0
13W61A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	35	3
13W61A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	16	26	3
13W61A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	30	2
13W61A0417	RT31048	LICA LAB	19	35	2
13W61A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	35	2
13W61A0418	RT31016	IPR & PATENTS	24	32	2
13W61A0418	RT31041	PULSE & DIGITAL CIRCUITS	17	42	3
13W61A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	43	3
13W61A0418	RT31043	CONTROL SYSTEMS	18	41	3
13W61A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	45	3
13W61A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	19	45	3
13W61A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	40	2
13W61A0418	RT31048	LICA LAB	20	42	2
13W61A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13W61A0419	RT31016	IPR & PATENTS	24	44	2
13W61A0419	RT31041	PULSE & DIGITAL CIRCUITS	16	38	3
13W61A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	10	41	3
13W61A0419	RT31043	CONTROL SYSTEMS	15	41	3
13W61A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	42	3
13W61A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	16	36	3
13W61A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	30	2
13W61A0419	RT31048	LICA LAB	18	40	2
13W61A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	28	2
13W61A0420	RT31016	IPR & PATENTS	22	45	2
13W61A0420	RT31041	PULSE & DIGITAL CIRCUITS	26	47	3
13W61A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	64	3
13W61A0420	RT31043	CONTROL SYSTEMS	20	43	3
13W61A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	31	3
13W61A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	24	12	0
13W61A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13W61A0420	RT31048	LICA LAB	21	42	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13W61A0421	RT31016	IPR & PATENTS	22	30	2
13W61A0421	RT31041	PULSE & DIGITAL CIRCUITS	10	40	3
13W61A0421	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	27	3
13W61A0421	RT31043	CONTROL SYSTEMS	13	8	0
13W61A0421	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	31	3
13W61A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	18	30	3
13W61A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	16	32	2
13W61A0421	RT31048	LICA LAB	18	32	2
13W61A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	24	2
13W61A0422	RT31016	IPR & PATENTS	24	24	2
13W61A0422	RT31041	PULSE & DIGITAL CIRCUITS	19	25	3
13W61A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	24	3
13W61A0422	RT31043	CONTROL SYSTEMS	11	32	3
13W61A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	25	3
13W61A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	20	31	3
13W61A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	33	2
13W61A0422	RT31048	LICA LAB	16	42	2
13W61A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	30	2
13W61A0423	RT31016	IPR & PATENTS	23	46	2
13W61A0423	RT31041	PULSE & DIGITAL CIRCUITS	21	39	3
13W61A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	46	3
13W61A0423	RT31043	CONTROL SYSTEMS	20	44	3
13W61A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	36	3
13W61A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	20	28	3
13W61A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
13W61A0423	RT31048	LICA LAB	17	44	2
13W61A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	33	2
13W61A0424	RT31016	IPR & PATENTS	22	34	2
13W61A0424	RT31041	PULSE & DIGITAL CIRCUITS	20	33	3
13W61A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	47	3
13W61A0424	RT31043	CONTROL SYSTEMS	15	15	0
13W61A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	26	3
13W61A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	21	4	0
13W61A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	39	2
13W61A0424	RT31048	LICA LAB	18	36	2
13W61A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	26	2
13W61A0425	RT31016	IPR & PATENTS	23	37	2
13W61A0425	RT31041	PULSE & DIGITAL CIRCUITS	20	54	3
13W61A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	28	3
13W61A0425	RT31043	CONTROL SYSTEMS	14	16	0
13W61A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	49	3
13W61A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	16	28	3
13W61A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	41	2
13W61A0425	RT31048	LICA LAB	21	47	2
13W61A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13W61A0426	RT31016	IPR & PATENTS	25	24	2
13W61A0426	RT31041	PULSE & DIGITAL CIRCUITS	27	40	3
13W61A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	60	3
13W61A0426	RT31043	CONTROL SYSTEMS	25	47	3
13W61A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	36	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	21	37	3
13W61A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
13W61A0426	RT31048	LICA LAB	22	48	2
13W61A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
13W61A0427	RT31016	IPR & PATENTS	24	47	2
13W61A0427	RT31041	PULSE & DIGITAL CIRCUITS	26	55	3
13W61A0427	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	63	3
13W61A0427	RT31043	CONTROL SYSTEMS	23	49	3
13W61A0427	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	45	3
13W61A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	24	39	3
13W61A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	38	2
13W61A0427	RT31048	LICA LAB	21	40	2
13W61A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	39	2
13W61A0428	RT31016	IPR & PATENTS	26	46	2
13W61A0428	RT31041	PULSE & DIGITAL CIRCUITS	23	45	3
13W61A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	51	3
13W61A0428	RT31043	CONTROL SYSTEMS	21	47	3
13W61A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	39	3
13W61A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	25	40	3
13W61A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13W61A0428	RT31048	LICA LAB	23	46	2
13W61A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13W61A0430	RT31016	IPR & PATENTS	22	33	2
13W61A0430	RT31041	PULSE & DIGITAL CIRCUITS	23	53	3
13W61A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	37	3
13W61A0430	RT31043	CONTROL SYSTEMS	22	26	3
13W61A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	44	3
13W61A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	23	32	3
13W61A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13W61A0430	RT31048	LICA LAB	21	45	2
13W61A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	33	2
13W61A0431	RT31016	IPR & PATENTS	24	40	2
13W61A0431	RT31041	PULSE & DIGITAL CIRCUITS	24	54	3
13W61A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	53	3
13W61A0431	RT31043	CONTROL SYSTEMS	21	47	3
13W61A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	28	3
13W61A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	24	30	3
13W61A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13W61A0431	RT31048	LICA LAB	23	48	2
13W61A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
13W61A0432	RT31016	IPR & PATENTS	22	46	2
13W61A0432	RT31041	PULSE & DIGITAL CIRCUITS	20	40	3
13W61A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	52	3
13W61A0432	RT31043	CONTROL SYSTEMS	19	42	3
13W61A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	35	3
13W61A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
13W61A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
13W61A0432	RT31048	LICA LAB	20	46	2
13W61A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	40	2
13W61A0433	RT31016	IPR & PATENTS	21	29	2
13W61A0433	RT31041	PULSE & DIGITAL CIRCUITS	17	29	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	45	3
13W61A0433	RT31043	CONTROL SYSTEMS	16	26	3
13W61A0433	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	26	3
13W61A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	21	32	3
13W61A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	40	2
13W61A0433	RT31048	LICA LAB	21	47	2
13W61A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13W61A0434	RT31016	IPR & PATENTS	22	36	2
13W61A0434	RT31041	PULSE & DIGITAL CIRCUITS	16	33	3
13W61A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	14	0
13W61A0434	RT31043	CONTROL SYSTEMS	17	28	3
13W61A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	24	3
13W61A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	22	13	0
13W61A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	40	2
13W61A0434	RT31048	LICA LAB	19	40	2
13W61A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	32	2
13W61A0435	RT31016	IPR & PATENTS	22	43	2
13W61A0435	RT31041	PULSE & DIGITAL CIRCUITS	17	32	3
13W61A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	31	3
13W61A0435	RT31043	CONTROL SYSTEMS	15	29	3
13W61A0435	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	11	0
13W61A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	22	37	3
13W61A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13W61A0435	RT31048	LICA LAB	17	40	2
13W61A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	41	2
13W61A0436	RT31016	IPR & PATENTS	22	44	2
13W61A0436	RT31041	PULSE & DIGITAL CIRCUITS	23	42	3
13W61A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	53	3
13W61A0436	RT31043	CONTROL SYSTEMS	18	31	3
13W61A0436	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	46	3
13W61A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	19	31	3
13W61A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
13W61A0436	RT31048	LICA LAB	21	43	2
13W61A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
13W61A0437	RT31016	IPR & PATENTS	23	36	2
13W61A0437	RT31041	PULSE & DIGITAL CIRCUITS	24	45	3
13W61A0437	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	47	3
13W61A0437	RT31043	CONTROL SYSTEMS	18	35	3
13W61A0437	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	15	0
13W61A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	21	6	0
13W61A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	37	2
13W61A0437	RT31048	LICA LAB	21	40	2
13W61A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	41	2
13W61A0438	RT31016	IPR & PATENTS	25	41	2
13W61A0438	RT31041	PULSE & DIGITAL CIRCUITS	22	50	3
13W61A0438	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	33	3
13W61A0438	RT31043	CONTROL SYSTEMS	18	35	3
13W61A0438	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	35	3
13W61A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	19	24	3
13W61A0438	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13W61A0438	RT31048	LICA LAB	24	47	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0438	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13W61A0439	RT31016	IPR & PATENTS	21	34	2
13W61A0439	RT31041	PULSE & DIGITAL CIRCUITS	16	30	3
13W61A0439	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	19	42	3
13W61A0439	RT31043	CONTROL SYSTEMS	11	37	3
13W61A0439	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	11	0
13W61A0439	RT31045	ANTENNAS AND WAVE PROPAGATION	19	24	3
13W61A0439	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	39	2
13W61A0439	RT31048	LICA LAB	21	46	2
13W61A0439	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	32	2
13W61A0440	RT31016	IPR & PATENTS	24	48	2
13W61A0440	RT31041	PULSE & DIGITAL CIRCUITS	26	45	3
13W61A0440	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	49	3
13W61A0440	RT31043	CONTROL SYSTEMS	24	55	3
13W61A0440	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	51	3
13W61A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	25	42	3
13W61A0440	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
13W61A0440	RT31048	LICA LAB	25	49	2
13W61A0440	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
13W61A0441	RT31016	IPR & PATENTS	22	42	2
13W61A0441	RT31041	PULSE & DIGITAL CIRCUITS	28	35	3
13W61A0441	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	42	3
13W61A0441	RT31043	CONTROL SYSTEMS	25	46	3
13W61A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	40	3
13W61A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	22	32	3
13W61A0441	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13W61A0441	RT31048	LICA LAB	24	50	2
13W61A0441	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
13W61A0442	RT31016	IPR & PATENTS	23	47	2
13W61A0442	RT31041	PULSE & DIGITAL CIRCUITS	18	47	3
13W61A0442	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	30	3
13W61A0442	RT31043	CONTROL SYSTEMS	21	34	3
13W61A0442	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	40	3
13W61A0442	RT31045	ANTENNAS AND WAVE PROPAGATION	17	31	3
13W61A0442	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	39	2
13W61A0442	RT31048	LICA LAB	25	49	2
13W61A0442	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	41	2
13W61A0443	RT31016	IPR & PATENTS	20	34	2
13W61A0443	RT31041	PULSE & DIGITAL CIRCUITS	14	3	0
13W61A0443	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	11	0
13W61A0443	RT31043	CONTROL SYSTEMS	10	11	0
13W61A0443	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	9	0
13W61A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	17	8	0
13W61A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	30	2
13W61A0443	RT31048	LICA LAB	16	30	2
13W61A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	33	2
13W61A0444	RT31016	IPR & PATENTS	13	31	2
13W61A0444	RT31041	PULSE & DIGITAL CIRCUITS	2	2	0
13W61A0444	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	3	0
13W61A0444	RT31043	CONTROL SYSTEMS	9	31	3
13W61A0444	RT31044	DIGITAL SYSTEM DESIGN & DICA	13	0	0

Htno	Subcode	Subname	Internal	External	credits
13W61A0444	RT31045	ANTENNAS AND WAVE PROPAGATION	17	14	0
13W61A0444	RT31047	PULSE & DIGITAL CIRCUITS LAB	13	4	0
13W61A0444	RT31048	LICA LAB	13	8	0
13W61A0444	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	23	2
13W61A0445	RT31016	IPR & PATENTS	23	35	2
13W61A0445	RT31041	PULSE & DIGITAL CIRCUITS	19	43	3
13W61A0445	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	29	3
13W61A0445	RT31043	CONTROL SYSTEMS	19	15	0
13W61A0445	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	24	3
13W61A0445	RT31045	ANTENNAS AND WAVE PROPAGATION	20	8	0
13W61A0445	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
13W61A0445	RT31048	LICA LAB	19	36	2
13W61A0445	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	37	2
13W61A0447	RT31016	IPR & PATENTS	22	36	2
13W61A0447	RT31041	PULSE & DIGITAL CIRCUITS	18	45	3
13W61A0447	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	24	3
13W61A0447	RT31043	CONTROL SYSTEMS	18	29	3
13W61A0447	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	32	3
13W61A0447	RT31045	ANTENNAS AND WAVE PROPAGATION	21	26	3
13W61A0447	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	36	2
13W61A0447	RT31048	LICA LAB	21	45	2
13W61A0447	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
13W61A0448	RT31016	IPR & PATENTS	23	42	2
13W61A0448	RT31041	PULSE & DIGITAL CIRCUITS	20	30	3
13W61A0448	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	24	3
13W61A0448	RT31043	CONTROL SYSTEMS	8	36	3
13W61A0448	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	32	3
13W61A0448	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
13W61A0448	RT31047	PULSE & DIGITAL CIRCUITS LAB	16	23	2
13W61A0448	RT31048	LICA LAB	19	27	2
13W61A0448	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	38	2
13W61A0449	RT31016	IPR & PATENTS	23	41	2
13W61A0449	RT31041	PULSE & DIGITAL CIRCUITS	15	28	3
13W61A0449	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	29	3
13W61A0449	RT31043	CONTROL SYSTEMS	16	37	3
13W61A0449	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	34	3
13W61A0449	RT31045	ANTENNAS AND WAVE PROPAGATION	18	14	0
13W61A0449	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	31	2
13W61A0449	RT31048	LICA LAB	16	31	2
13W61A0449	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	37	2
13W61A0450	RT31016	IPR & PATENTS	21	29	2
13W61A0450	RT31041	PULSE & DIGITAL CIRCUITS	17	32	3
13W61A0450	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	11	29	3
13W61A0450	RT31043	CONTROL SYSTEMS	5	24	0
13W61A0450	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	25	3
13W61A0450	RT31045	ANTENNAS AND WAVE PROPAGATION	16	6	0
13W61A0450	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	21	2
13W61A0450	RT31048	LICA LAB	17	34	2
13W61A0450	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	36	2
13W61A0451	RT31016	IPR & PATENTS	21	40	2
13W61A0451	RT31041	PULSE & DIGITAL CIRCUITS	13	31	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0451	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	7	19	0
13W61A0451	RT31043	CONTROL SYSTEMS	10	13	0
13W61A0451	RT31044	DIGITAL SYSTEM DESIGN & DICA	11	10	0
13W61A0451	RT31045	ANTENNAS AND WAVE PROPAGATION	9	31	3
13W61A0451	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	27	2
13W61A0451	RT31048	LICA LAB	17	28	2
13W61A0451	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	31	2
13W61A0452	RT31016	IPR & PATENTS	23	47	2
13W61A0452	RT31041	PULSE & DIGITAL CIRCUITS	24	42	3
13W61A0452	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	49	3
13W61A0452	RT31043	CONTROL SYSTEMS	19	40	3
13W61A0452	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	56	3
13W61A0452	RT31045	ANTENNAS AND WAVE PROPAGATION	23	54	3
13W61A0452	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	40	2
13W61A0452	RT31048	LICA LAB	20	45	2
13W61A0452	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13W61A0453	RT31016	IPR & PATENTS	21	41	2
13W61A0453	RT31041	PULSE & DIGITAL CIRCUITS	11	29	3
13W61A0453	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	9	24	0
13W61A0453	RT31043	CONTROL SYSTEMS	8	35	3
13W61A0453	RT31044	DIGITAL SYSTEM DESIGN & DICA	12	32	3
13W61A0453	RT31045	ANTENNAS AND WAVE PROPAGATION	15	26	3
13W61A0453	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	41	2
13W61A0453	RT31048	LICA LAB	14	32	2
13W61A0453	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	34	2
13W61A0454	RT31016	IPR & PATENTS	24	38	2
13W61A0454	RT31041	PULSE & DIGITAL CIRCUITS	23	41	3
13W61A0454	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	33	3
13W61A0454	RT31043	CONTROL SYSTEMS	18	37	3
13W61A0454	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	25	3
13W61A0454	RT31045	ANTENNAS AND WAVE PROPAGATION	20	12	0
13W61A0454	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13W61A0454	RT31048	LICA LAB	22	40	2
13W61A0454	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
13W61A0455	RT31016	IPR & PATENTS	20	44	2
13W61A0455	RT31041	PULSE & DIGITAL CIRCUITS	13	48	3
13W61A0455	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	10	0
13W61A0455	RT31043	CONTROL SYSTEMS	15	25	3
13W61A0455	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	14	0
13W61A0455	RT31045	ANTENNAS AND WAVE PROPAGATION	23	30	3
13W61A0455	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	34	2
13W61A0455	RT31048	LICA LAB	16	38	2
13W61A0455	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	22	2
13W61A0456	RT31016	IPR & PATENTS	22	29	2
13W61A0456	RT31041	PULSE & DIGITAL CIRCUITS	18	44	3
13W61A0456	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	54	3
13W61A0456	RT31043	CONTROL SYSTEMS	25	48	3
13W61A0456	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	50	3
13W61A0456	RT31045	ANTENNAS AND WAVE PROPAGATION	20	68	3
13W61A0456	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13W61A0456	RT31048	LICA LAB	25	48	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0456	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	39	2
13W61A0457	RT31016	IPR & PATENTS	23	42	2
13W61A0457	RT31041	PULSE & DIGITAL CIRCUITS	0	24	0
13W61A0457	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	8	24	0
13W61A0457	RT31043	CONTROL SYSTEMS	3	26	0
13W61A0457	RT31044	DIGITAL SYSTEM DESIGN & DICA	1	10	0
13W61A0457	RT31045	ANTENNAS AND WAVE PROPAGATION	4	10	0
13W61A0457	RT31047	PULSE & DIGITAL CIRCUITS LAB	16	31	2
13W61A0457	RT31048	LICA LAB	6	35	2
13W61A0457	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	11	23	2
13W61A0458	RT31016	IPR & PATENTS	23	36	2
13W61A0458	RT31041	PULSE & DIGITAL CIRCUITS	18	24	3
13W61A0458	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	27	3
13W61A0458	RT31043	CONTROL SYSTEMS	17	6	0
13W61A0458	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	24	3
13W61A0458	RT31045	ANTENNAS AND WAVE PROPAGATION	23	0	0
13W61A0458	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	35	2
13W61A0458	RT31048	LICA LAB	18	35	2
13W61A0458	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	33	2
13W61A0459	RT31016	IPR & PATENTS	23	41	2
13W61A0459	RT31041	PULSE & DIGITAL CIRCUITS	21	51	3
13W61A0459	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	31	3
13W61A0459	RT31043	CONTROL SYSTEMS	19	31	3
13W61A0459	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	39	3
13W61A0459	RT31045	ANTENNAS AND WAVE PROPAGATION	24	30	3
13W61A0459	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	40	2
13W61A0459	RT31048	LICA LAB	19	45	2
13W61A0459	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	34	2
13W61A0460	RT31016	IPR & PATENTS	23	24	2
13W61A0460	RT31041	PULSE & DIGITAL CIRCUITS	23	34	3
13W61A0460	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	48	3
13W61A0460	RT31043	CONTROL SYSTEMS	19	40	3
13W61A0460	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	34	3
13W61A0460	RT31045	ANTENNAS AND WAVE PROPAGATION	23	46	3
13W61A0460	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
13W61A0460	RT31048	LICA LAB	20	35	2
13W61A0460	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	39	2
13W61A0461	RT31016	IPR & PATENTS	23	42	2
13W61A0461	RT31041	PULSE & DIGITAL CIRCUITS	24	30	3
13W61A0461	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	42	3
13W61A0461	RT31043	CONTROL SYSTEMS	24	45	3
13W61A0461	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	49	3
13W61A0461	RT31045	ANTENNAS AND WAVE PROPAGATION	26	46	3
13W61A0461	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13W61A0461	RT31048	LICA LAB	24	48	2
13W61A0461	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
13W61A0462	RT31016	IPR & PATENTS	22	32	2
13W61A0462	RT31041	PULSE & DIGITAL CIRCUITS	23	40	3
13W61A0462	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	38	3
13W61A0462	RT31043	CONTROL SYSTEMS	21	29	3
13W61A0462	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	28	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	24	9	0
13W61A0462	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
13W61A0462	RT31048	LICA LAB	20	46	2
13W61A0462	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	41	2
13W61A0463	RT31016	IPR & PATENTS	22	38	2
13W61A0463	RT31041	PULSE & DIGITAL CIRCUITS	20	54	3
13W61A0463	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	45	3
13W61A0463	RT31043	CONTROL SYSTEMS	23	28	3
13W61A0463	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	41	3
13W61A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	25	28	3
13W61A0463	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
13W61A0463	RT31048	LICA LAB	24	48	2
13W61A0463	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
13W61A0464	RT31016	IPR & PATENTS	23	24	2
13W61A0464	RT31041	PULSE & DIGITAL CIRCUITS	25	45	3
13W61A0464	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	52	3
13W61A0464	RT31043	CONTROL SYSTEMS	23	48	3
13W61A0464	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	37	3
13W61A0464	RT31045	ANTENNAS AND WAVE PROPAGATION	25	35	3
13W61A0464	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
13W61A0464	RT31048	LICA LAB	23	48	2
13W61A0464	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	42	2
13W61A0465	RT31016	IPR & PATENTS	23	44	2
13W61A0465	RT31041	PULSE & DIGITAL CIRCUITS	23	42	3
13W61A0465	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	47	3
13W61A0465	RT31043	CONTROL SYSTEMS	22	52	3
13W61A0465	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	46	3
13W61A0465	RT31045	ANTENNAS AND WAVE PROPAGATION	23	34	3
13W61A0465	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13W61A0465	RT31048	LICA LAB	23	48	2
13W61A0465	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
13W61A0466	RT31016	IPR & PATENTS	23	34	2
13W61A0466	RT31041	PULSE & DIGITAL CIRCUITS	19	28	3
13W61A0466	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	27	3
13W61A0466	RT31043	CONTROL SYSTEMS	9	15	0
13W61A0466	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	24	3
13W61A0466	RT31045	ANTENNAS AND WAVE PROPAGATION	24	5	0
13W61A0466	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
13W61A0466	RT31048	LICA LAB	20	40	2
13W61A0466	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	39	2
13W61A0467	RT31016	IPR & PATENTS	20	28	2
13W61A0467	RT31041	PULSE & DIGITAL CIRCUITS	22	29	3
13W61A0467	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	13	0
13W61A0467	RT31043	CONTROL SYSTEMS	15	14	0
13W61A0467	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	6	0
13W61A0467	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
13W61A0467	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	40	2
13W61A0467	RT31048	LICA LAB	20	40	2
13W61A0467	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	17	39	2
13W61A0468	RT31016	IPR & PATENTS	24	24	2
13W61A0468	RT31041	PULSE & DIGITAL CIRCUITS	17	29	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0468	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	46	3
13W61A0468	RT31043	CONTROL SYSTEMS	18	34	3
13W61A0468	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	31	3
13W61A0468	RT31045	ANTENNAS AND WAVE PROPAGATION	23	50	3
13W61A0468	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	40	2
13W61A0468	RT31048	LICA LAB	20	34	2
13W61A0468	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	39	2
13W61A0469	RT31016	IPR & PATENTS	24	46	2
13W61A0469	RT31041	PULSE & DIGITAL CIRCUITS	20	31	3
13W61A0469	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	36	3
13W61A0469	RT31043	CONTROL SYSTEMS	9	47	3
13W61A0469	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	33	3
13W61A0469	RT31045	ANTENNAS AND WAVE PROPAGATION	13	32	3
13W61A0469	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	29	2
13W61A0469	RT31048	LICA LAB	12	40	2
13W61A0469	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	16	44	2
13W61A0470	RT31016	IPR & PATENTS	23	44	2
13W61A0470	RT31041	PULSE & DIGITAL CIRCUITS	16	29	3
13W61A0470	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	34	3
13W61A0470	RT31043	CONTROL SYSTEMS	13	27	3
13W61A0470	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	33	3
13W61A0470	RT31045	ANTENNAS AND WAVE PROPAGATION	25	6	0
13W61A0470	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13W61A0470	RT31048	LICA LAB	19	47	2
13W61A0470	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	41	2
13W61A0471	RT31016	IPR & PATENTS	23	37	2
13W61A0471	RT31041	PULSE & DIGITAL CIRCUITS	22	49	3
13W61A0471	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	24	3
13W61A0471	RT31043	CONTROL SYSTEMS	15	14	0
13W61A0471	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	8	0
13W61A0471	RT31045	ANTENNAS AND WAVE PROPAGATION	23	32	3
13W61A0471	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
13W61A0471	RT31048	LICA LAB	19	47	2
13W61A0471	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13W61A0472	RT31016	IPR & PATENTS	22	12	0
13W61A0472	RT31041	PULSE & DIGITAL CIRCUITS	6	1	0
13W61A0472	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	5	0	0
13W61A0472	RT31043	CONTROL SYSTEMS	0	11	0
13W61A0472	RT31044	DIGITAL SYSTEM DESIGN & DICA	0	6	0
13W61A0472	RT31045	ANTENNAS AND WAVE PROPAGATION	18	8	0
13W61A0472	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	28	2
13W61A0472	RT31048	LICA LAB	5	27	2
13W61A0472	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	12	26	2
13W61A0473	RT31016	IPR & PATENTS	23	43	2
13W61A0473	RT31041	PULSE & DIGITAL CIRCUITS	21	41	3
13W61A0473	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	34	3
13W61A0473	RT31043	CONTROL SYSTEMS	25	37	3
13W61A0473	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	26	3
13W61A0473	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
13W61A0473	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
13W61A0473	RT31048	LICA LAB	20	50	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0473	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2
13W61A0474	RT31016	IPR & PATENTS	22	42	2
13W61A0474	RT31041	PULSE & DIGITAL CIRCUITS	23	32	3
13W61A0474	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	31	3
13W61A0474	RT31043	CONTROL SYSTEMS	20	9	0
13W61A0474	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	17	0
13W61A0474	RT31045	ANTENNAS AND WAVE PROPAGATION	20	1	0
13W61A0474	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
13W61A0474	RT31048	LICA LAB	20	43	2
13W61A0474	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	37	2
13W61A0475	RT31016	IPR & PATENTS	23	31	2
13W61A0475	RT31041	PULSE & DIGITAL CIRCUITS	22	26	3
13W61A0475	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	32	3
13W61A0475	RT31043	CONTROL SYSTEMS	14	15	0
13W61A0475	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	24	3
13W61A0475	RT31045	ANTENNAS AND WAVE PROPAGATION	17	26	3
13W61A0475	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	40	2
13W61A0475	RT31048	LICA LAB	20	43	2
13W61A0475	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	41	2
13W61A0476	RT31016	IPR & PATENTS	22	13	0
13W61A0476	RT31041	PULSE & DIGITAL CIRCUITS	17	33	3
13W61A0476	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	12	0
13W61A0476	RT31043	CONTROL SYSTEMS	7	24	0
13W61A0476	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	28	3
13W61A0476	RT31045	ANTENNAS AND WAVE PROPAGATION	22	36	3
13W61A0476	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	35	2
13W61A0476	RT31048	LICA LAB	9	47	2
13W61A0476	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	34	2
13W61A0477	RT31016	IPR & PATENTS	22	44	2
13W61A0477	RT31041	PULSE & DIGITAL CIRCUITS	24	28	3
13W61A0477	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	64	3
13W61A0477	RT31043	CONTROL SYSTEMS	18	40	3
13W61A0477	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	34	3
13W61A0477	RT31045	ANTENNAS AND WAVE PROPAGATION	23	28	3
13W61A0477	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13W61A0477	RT31048	LICA LAB	22	48	2
13W61A0477	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	37	2
13W61A0478	RT31016	IPR & PATENTS	22	35	2
13W61A0478	RT31041	PULSE & DIGITAL CIRCUITS	22	42	3
13W61A0478	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	39	3
13W61A0478	RT31043	CONTROL SYSTEMS	24	40	3
13W61A0478	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	52	3
13W61A0478	RT31045	ANTENNAS AND WAVE PROPAGATION	23	31	3
13W61A0478	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
13W61A0478	RT31048	LICA LAB	23	45	2
13W61A0478	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	37	2
13W61A0479	RT31016	IPR & PATENTS	22	41	2
13W61A0479	RT31041	PULSE & DIGITAL CIRCUITS	23	50	3
13W61A0479	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	49	3
13W61A0479	RT31043	CONTROL SYSTEMS	22	33	3
13W61A0479	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	49	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0479	RT31045	ANTENNAS AND WAVE PROPAGATION	24	28	3
13W61A0479	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
13W61A0479	RT31048	LICA LAB	22	42	2
13W61A0479	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13W61A0480	RT31016	IPR & PATENTS	20	43	2
13W61A0480	RT31041	PULSE & DIGITAL CIRCUITS	18	25	3
13W61A0480	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	48	3
13W61A0480	RT31043	CONTROL SYSTEMS	12	40	3
13W61A0480	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	32	3
13W61A0480	RT31045	ANTENNAS AND WAVE PROPAGATION	23	31	3
13W61A0480	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	27	2
13W61A0480	RT31048	LICA LAB	20	38	2
13W61A0480	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	32	2
13W61A0481	RT31016	IPR & PATENTS	23	45	2
13W61A0481	RT31041	PULSE & DIGITAL CIRCUITS	17	28	3
13W61A0481	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	29	3
13W61A0481	RT31043	CONTROL SYSTEMS	16	34	3
13W61A0481	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	29	3
13W61A0481	RT31045	ANTENNAS AND WAVE PROPAGATION	16	32	3
13W61A0481	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	31	2
13W61A0481	RT31048	LICA LAB	18	45	2
13W61A0481	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	34	2
13W61A0502	RT31051	COMPILER DESIGN	23	27	3
13W61A0502	RT31052	DATA COMMUNICATION	21	13	0
13W61A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	25	3
13W61A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	21	24	3
13W61A0502	RT31055	OPERATING SYSTEMS	22	31	3
13W61A0502	RT31056	COMPILER DESIGN LAB	22	40	2
13W61A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	43	2
13W61A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13W61A0502	RT31059	SEMINAR	45	0	1
13W61A0504	RT31051	COMPILER DESIGN	22	41	3
13W61A0504	RT31052	DATA COMMUNICATION	19	26	3
13W61A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	30	3
13W61A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	20	24	3
13W61A0504	RT31055	OPERATING SYSTEMS	20	29	3
13W61A0504	RT31056	COMPILER DESIGN LAB	20	38	2
13W61A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
13W61A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13W61A0504	RT31059	SEMINAR	41	0	1
13W61A0505	RT31051	COMPILER DESIGN	14	51	3
13W61A0505	RT31052	DATA COMMUNICATION	17	31	3
13W61A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	32	3
13W61A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	17	31	3
13W61A0505	RT31055	OPERATING SYSTEMS	20	33	3
13W61A0505	RT31056	COMPILER DESIGN LAB	20	38	2
13W61A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	41	2
13W61A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13W61A0505	RT31059	SEMINAR	40	0	1
13W61A0506	RT31051	COMPILER DESIGN	22	38	3
13W61A0506	RT31052	DATA COMMUNICATION	22	28	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	26	3
13W61A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	21	37	3
13W61A0506	RT31055	OPERATING SYSTEMS	21	38	3
13W61A0506	RT31056	COMPILER DESIGN LAB	22	44	2
13W61A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13W61A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13W61A0506	RT31059	SEMINAR	42	0	1
13W61A0507	RT31051	COMPILER DESIGN	20	40	3
13W61A0507	RT31052	DATA COMMUNICATION	23	34	3
13W61A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	37	3
13W61A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	23	46	3
13W61A0507	RT31055	OPERATING SYSTEMS	21	41	3
13W61A0507	RT31056	COMPILER DESIGN LAB	21	40	2
13W61A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
13W61A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13W61A0507	RT31059	SEMINAR	44	0	1
13W61A0508	RT31051	COMPILER DESIGN	19	35	3
13W61A0508	RT31052	DATA COMMUNICATION	20	27	3
13W61A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	30	3
13W61A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	21	30	3
13W61A0508	RT31055	OPERATING SYSTEMS	21	30	3
13W61A0508	RT31056	COMPILER DESIGN LAB	22	41	2
13W61A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	44	2
13W61A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13W61A0508	RT31059	SEMINAR	45	0	1
13W61A0509	RT31051	COMPILER DESIGN	23	62	3
13W61A0509	RT31052	DATA COMMUNICATION	24	34	3
13W61A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	27	3
13W61A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	22	29	3
13W61A0509	RT31055	OPERATING SYSTEMS	21	42	3
13W61A0509	RT31056	COMPILER DESIGN LAB	22	41	2
13W61A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13W61A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13W61A0509	RT31059	SEMINAR	42	0	1
13W61A0510	RT31051	COMPILER DESIGN	22	46	3
13W61A0510	RT31052	DATA COMMUNICATION	22	38	3
13W61A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
13W61A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	20	15	0
13W61A0510	RT31055	OPERATING SYSTEMS	21	35	3
13W61A0510	RT31056	COMPILER DESIGN LAB	21	41	2
13W61A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13W61A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13W61A0510	RT31059	SEMINAR	45	0	1
13W61A0511	RT31051	COMPILER DESIGN	20	14	0
13W61A0511	RT31052	DATA COMMUNICATION	21	5	0
13W61A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	26	3
13W61A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	20	15	0
13W61A0511	RT31055	OPERATING SYSTEMS	21	26	3
13W61A0511	RT31056	COMPILER DESIGN LAB	21	40	2
13W61A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13W61A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2

Htno	Subcode	Subname	Internal	External	credits
13W61A0511	RT31059	SEMINAR	42	0	1
13W61A0512	RT31051	COMPILER DESIGN	18	34	3
13W61A0512	RT31052	DATA COMMUNICATION	21	34	3
13W61A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	36	3
13W61A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	21	26	3
13W61A0512	RT31055	OPERATING SYSTEMS	22	14	0
13W61A0512	RT31056	COMPILER DESIGN LAB	20	37	2
13W61A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
13W61A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13W61A0512	RT31059	SEMINAR	39	0	1
13W61A0513	RT31051	COMPILER DESIGN	20	47	3
13W61A0513	RT31052	DATA COMMUNICATION	20	32	3
13W61A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	34	3
13W61A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	20	35	3
13W61A0513	RT31055	OPERATING SYSTEMS	19	49	3
13W61A0513	RT31056	COMPILER DESIGN LAB	21	40	2
13W61A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	44	2
13W61A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13W61A0513	RT31059	SEMINAR	44	0	1
13W61A0514	RT31051	COMPILER DESIGN	21	49	3
13W61A0514	RT31052	DATA COMMUNICATION	22	27	3
13W61A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	34	3
13W61A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	21	39	3
13W61A0514	RT31055	OPERATING SYSTEMS	20	43	3
13W61A0514	RT31056	COMPILER DESIGN LAB	24	46	2
13W61A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	43	2
13W61A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13W61A0514	RT31059	SEMINAR	46	0	1
13W61A0515	RT31051	COMPILER DESIGN	24	34	3
13W61A0515	RT31052	DATA COMMUNICATION	20	13	0
13W61A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	24	3
13W61A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	21	38	3
13W61A0515	RT31055	OPERATING SYSTEMS	23	36	3
13W61A0515	RT31056	COMPILER DESIGN LAB	24	46	2
13W61A0515	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
13W61A0515	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
13W61A0515	RT31059	SEMINAR	48	0	1
13W61A0516	RT31051	COMPILER DESIGN	18	24	3
13W61A0516	RT31052	DATA COMMUNICATION	22	24	3
13W61A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	37	3
13W61A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	20	33	3
13W61A0516	RT31055	OPERATING SYSTEMS	21	16	0
13W61A0516	RT31056	COMPILER DESIGN LAB	22	42	2
13W61A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	45	2
13W61A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13W61A0516	RT31059	SEMINAR	42	0	1
13W61A0518	RT31051	COMPILER DESIGN	19	40	3
13W61A0518	RT31052	DATA COMMUNICATION	20	28	3
13W61A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	29	3
13W61A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	20	29	3
13W61A0518	RT31055	OPERATING SYSTEMS	20	45	3

Htno	Subcode	Subname	Internal	External	credits
13W61A0518	RT31056	COMPILER DESIGN LAB	20	40	2
13W61A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	41	2
13W61A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13W61A0518	RT31059	SEMINAR	41	0	1
13W65A0101	R31015	STRUCTURAL ANALYSIS-II	9	46	4
13W65A0204	R31022	ELECTRICAL MEASUREMENT	15	12	0
13W65A0204	R31023	POWER SYSTEMS-II	12	45	4
13W65A0204	R31026	LINEAR & DIGITAL IC APPLICATION	14	31	4
13W65A0208	PT31021	COMPLEX VARIABLE AND STATISTICAL METHODS	24	-1	0
13W65A0208	RT31016	IPR & PATENTS	15	38	2
13W65A0208	RT31021	ELECTRICAL MEASUREMENTS	17	35	3
13W65A0208	RT31023	POWER SYSTEMS-II	21	49	3
13W65A0208	RT31024	ELECTRICAL MACHINES-III	18	34	3
13W65A0208	RT31025	POWER ELECTRONICS	17	40	3
13W65A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	24	3
13W65A0208	RT31027	ELECTRICAL MACHINES-II LAB	15	32	2
13W65A0208	RT31028	CONTROL SYSTEMS LAB	17	37	2
13W65A0210	PT31021	COMPLEX VARIABLE AND STATISTICAL METHODS	23	-1	0
13W65A0210	RT31016	IPR & PATENTS	15	25	2
13W65A0210	RT31021	ELECTRICAL MEASUREMENTS	20	35	3
13W65A0210	RT31023	POWER SYSTEMS-II	19	44	3
13W65A0210	RT31024	ELECTRICAL MACHINES-III	15	50	3
13W65A0210	RT31025	POWER ELECTRONICS	19	24	3
13W65A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	2	0
13W65A0210	RT31027	ELECTRICAL MACHINES-II LAB	0	-1	0
13W65A0210	RT31028	CONTROL SYSTEMS LAB	15	-1	0
13W65A0211	R31026	LINEAR & DIGITAL IC APPLICATION	18	13	0
13W65A0221	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	15	8	0
13W65A0221	R31022	ELECTRICAL MEASUREMENT	18	15	0
13W65A0221	R31025	ELECTRICAL MACHINES-III	14	12	0
13W65A0221	R31026	LINEAR & DIGITAL IC APPLICATION	11	31	4
13W65A0222	R31024	POWER ELECTRONICS	16	17	0
13W65A0229	R31026	LINEAR & DIGITAL IC APPLICATION	17	31	4
13W65A0230	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	11	10	0
13W65A0230	R31024	POWER ELECTRONICS	15	9	0
13W65A0240	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	19	-1	0
13W65A0240	R31023	POWER SYSTEMS-II	13	-1	0
13W65A0241	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	20	7	0
13W65A0242	R31026	LINEAR & DIGITAL IC APPLICATION	17	42	4
13W65A0251	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	3	6	0
13W65A0251	R31024	POWER ELECTRONICS	12	16	0
13W65A0251	R31025	ELECTRICAL MACHINES-III	8	14	0
13W65A0311	R31031	FINITE ELEMENT METHODS	21	31	4
13W65A0401	R31045	ANTENNAS AND WAVE PROPAGATION	15	9	0
13W65A0409	R31042	DIGITAL IC APPLICATIONS	21	19	0
13W65A0417	R31042	DIGITAL IC APPLICATIONS	12	37	4
13W65A0418	R31045	ANTENNAS AND WAVE PROPAGATION	18	16	0
13W65A0418	R31046	DIGITAL COMMUNICATIONS	11	31	4
13W65A0419	R31042	DIGITAL IC APPLICATIONS	8	10	0
13W65A0419	R31045	ANTENNAS AND WAVE PROPAGATION	0	-1	0
13W65A0421	R31046	DIGITAL COMMUNICATIONS	13	37	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0501	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	16	30	4
13W65A0501	R31056	OPERATIONG SYSTEMS	18	3	0
14W35A0303	RT31031	DYNAMICS OF MACHINERY	6	-1	0
14W35A0307	RT31031	DYNAMICS OF MACHINERY	21	-1	0
14W35A0311	RT31031	DYNAMICS OF MACHINERY	5	-1	0
14W35A0313	RT31031	DYNAMICS OF MACHINERY	5	-1	0
14W35A0314	RT31031	DYNAMICS OF MACHINERY	5	-1	0
14W35A0315	RT31031	DYNAMICS OF MACHINERY	5	-1	0
14W65A0101	RT31011	GEOTECHNICAL ENGINEERING-I	19	50	3
14W65A0101	RT31012	STRUCTURAL ANALYSIS-II	26	58	3
14W65A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	70	3
14W65A0101	RT31014	ENGINEERING GEOLOGY	17	32	3
14W65A0101	RT31015	TRANSPORTATION ENGINEERING-I	18	41	3
14W65A0101	RT31016	IPR & PATENTS	21	32	2
14W65A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	18	42	2
14W65A0101	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
14W65A0102	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
14W65A0102	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
14W65A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	12	0
14W65A0102	RT31014	ENGINEERING GEOLOGY	3	-1	0
14W65A0102	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
14W65A0102	RT31016	IPR & PATENTS	5	-1	0
14W65A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	12	30	2
14W65A0102	RT31018	ENGINEERING GEOLOGY LAB	10	40	2
14W65A0103	RT31011	GEOTECHNICAL ENGINEERING-I	17	40	3
14W65A0103	RT31012	STRUCTURAL ANALYSIS-II	19	33	3
14W65A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	47	3
14W65A0103	RT31014	ENGINEERING GEOLOGY	18	41	3
14W65A0103	RT31015	TRANSPORTATION ENGINEERING-I	18	35	3
14W65A0103	RT31016	IPR & PATENTS	21	41	2
14W65A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	20	42	2
14W65A0103	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
14W65A0104	RT31011	GEOTECHNICAL ENGINEERING-I	17	34	3
14W65A0104	RT31012	STRUCTURAL ANALYSIS-II	20	38	3
14W65A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	62	3
14W65A0104	RT31014	ENGINEERING GEOLOGY	16	49	3
14W65A0104	RT31015	TRANSPORTATION ENGINEERING-I	19	31	3
14W65A0104	RT31016	IPR & PATENTS	22	36	2
14W65A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	18	39	2
14W65A0104	RT31018	ENGINEERING GEOLOGY LAB	20	49	2
14W65A0105	RT31011	GEOTECHNICAL ENGINEERING-I	18	49	3
14W65A0105	RT31012	STRUCTURAL ANALYSIS-II	23	63	3
14W65A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	70	3
14W65A0105	RT31014	ENGINEERING GEOLOGY	15	25	3
14W65A0105	RT31015	TRANSPORTATION ENGINEERING-I	19	31	3
14W65A0105	RT31016	IPR & PATENTS	19	36	2
14W65A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	20	43	2
14W65A0105	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
14W65A0106	RT31011	GEOTECHNICAL ENGINEERING-I	19	36	3
14W65A0106	RT31012	STRUCTURAL ANALYSIS-II	25	53	3
14W65A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	52	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0106	RT31014	ENGINEERING GEOLOGY	20	59	3
14W65A0106	RT31015	TRANSPORTATION ENGINEERING-I	20	51	3
14W65A0106	RT31016	IPR & PATENTS	21	37	2
14W65A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	25	46	2
14W65A0106	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
14W65A0107	RT31011	GEOTECHNICAL ENGINEERING-I	18	37	3
14W65A0107	RT31012	STRUCTURAL ANALYSIS-II	21	50	3
14W65A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	53	3
14W65A0107	RT31014	ENGINEERING GEOLOGY	23	47	3
14W65A0107	RT31015	TRANSPORTATION ENGINEERING-I	22	28	3
14W65A0107	RT31016	IPR & PATENTS	22	40	2
14W65A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
14W65A0107	RT31018	ENGINEERING GEOLOGY LAB	24	49	2
14W65A0108	RT31011	GEOTECHNICAL ENGINEERING-I	15	29	3
14W65A0108	RT31012	STRUCTURAL ANALYSIS-II	20	46	3
14W65A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	51	3
14W65A0108	RT31014	ENGINEERING GEOLOGY	20	52	3
14W65A0108	RT31015	TRANSPORTATION ENGINEERING-I	20	11	0
14W65A0108	RT31016	IPR & PATENTS	21	35	2
14W65A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	20	40	2
14W65A0108	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
14W65A0109	RT31011	GEOTECHNICAL ENGINEERING-I	16	42	3
14W65A0109	RT31012	STRUCTURAL ANALYSIS-II	22	51	3
14W65A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	55	3
14W65A0109	RT31014	ENGINEERING GEOLOGY	17	12	0
14W65A0109	RT31015	TRANSPORTATION ENGINEERING-I	18	24	3
14W65A0109	RT31016	IPR & PATENTS	21	27	2
14W65A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	21	42	2
14W65A0109	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
14W65A0110	RT31011	GEOTECHNICAL ENGINEERING-I	26	66	3
14W65A0110	RT31012	STRUCTURAL ANALYSIS-II	25	63	3
14W65A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	59	3
14W65A0110	RT31014	ENGINEERING GEOLOGY	21	63	3
14W65A0110	RT31015	TRANSPORTATION ENGINEERING-I	23	38	3
14W65A0110	RT31016	IPR & PATENTS	22	32	2
14W65A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	25	47	2
14W65A0110	RT31018	ENGINEERING GEOLOGY LAB	22	48	2
14W65A0111	RT31011	GEOTECHNICAL ENGINEERING-I	19	36	3
14W65A0111	RT31012	STRUCTURAL ANALYSIS-II	14	42	3
14W65A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	65	3
14W65A0111	RT31014	ENGINEERING GEOLOGY	14	43	3
14W65A0111	RT31015	TRANSPORTATION ENGINEERING-I	17	28	3
14W65A0111	RT31016	IPR & PATENTS	22	40	2
14W65A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	21	40	2
14W65A0111	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
14W65A0112	RT31011	GEOTECHNICAL ENGINEERING-I	22	54	3
14W65A0112	RT31012	STRUCTURAL ANALYSIS-II	24	55	3
14W65A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	51	3
14W65A0112	RT31014	ENGINEERING GEOLOGY	23	54	3
14W65A0112	RT31015	TRANSPORTATION ENGINEERING-I	23	31	3
14W65A0112	RT31016	IPR & PATENTS	22	32	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	25	45	2
14W65A0112	RT31018	ENGINEERING GEOLOGY LAB	24	49	2
14W65A0113	RT31011	GEOTECHNICAL ENGINEERING-I	14	53	3
14W65A0113	RT31012	STRUCTURAL ANALYSIS-II	20	43	3
14W65A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	57	3
14W65A0113	RT31014	ENGINEERING GEOLOGY	22	32	3
14W65A0113	RT31015	TRANSPORTATION ENGINEERING-I	18	33	3
14W65A0113	RT31016	IPR & PATENTS	20	39	2
14W65A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	20	41	2
14W65A0113	RT31018	ENGINEERING GEOLOGY LAB	22	41	2
14W65A0114	RT31011	GEOTECHNICAL ENGINEERING-I	23	51	3
14W65A0114	RT31012	STRUCTURAL ANALYSIS-II	26	70	3
14W65A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	58	3
14W65A0114	RT31014	ENGINEERING GEOLOGY	24	62	3
14W65A0114	RT31015	TRANSPORTATION ENGINEERING-I	23	48	3
14W65A0114	RT31016	IPR & PATENTS	22	30	2
14W65A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	25	48	2
14W65A0114	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
14W65A0116	RT31011	GEOTECHNICAL ENGINEERING-I	19	43	3
14W65A0116	RT31012	STRUCTURAL ANALYSIS-II	23	45	3
14W65A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	52	3
14W65A0116	RT31014	ENGINEERING GEOLOGY	21	51	3
14W65A0116	RT31015	TRANSPORTATION ENGINEERING-I	22	35	3
14W65A0116	RT31016	IPR & PATENTS	22	44	2
14W65A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	24	46	2
14W65A0116	RT31018	ENGINEERING GEOLOGY LAB	22	45	2
14W65A0117	RT31011	GEOTECHNICAL ENGINEERING-I	16	51	3
14W65A0117	RT31012	STRUCTURAL ANALYSIS-II	19	51	3
14W65A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	53	3
14W65A0117	RT31014	ENGINEERING GEOLOGY	17	51	3
14W65A0117	RT31015	TRANSPORTATION ENGINEERING-I	17	24	3
14W65A0117	RT31016	IPR & PATENTS	20	25	2
14W65A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	14	31	2
14W65A0117	RT31018	ENGINEERING GEOLOGY LAB	13	39	2
14W65A0201	RT31016	IPR & PATENTS	21	39	2
14W65A0201	RT31021	ELECTRICAL MEASUREMENTS	21	46	3
14W65A0201	RT31022	MEFA	21	36	3
14W65A0201	RT31023	POWER SYSTEMS-II	18	24	3
14W65A0201	RT31024	ELECTRICAL MACHINES-III	19	43	3
14W65A0201	RT31025	POWER ELECTRONICS	23	15	0
14W65A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	26	3
14W65A0201	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
14W65A0201	RT31028	CONTROL SYSTEMS LAB	24	45	2
14W65A0202	RT31016	IPR & PATENTS	22	40	2
14W65A0202	RT31021	ELECTRICAL MEASUREMENTS	23	33	3
14W65A0202	RT31022	MEFA	21	41	3
14W65A0202	RT31023	POWER SYSTEMS-II	14	57	3
14W65A0202	RT31024	ELECTRICAL MACHINES-III	17	28	3
14W65A0202	RT31025	POWER ELECTRONICS	23	37	3
14W65A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	32	3
14W65A0202	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0202	RT31028	CONTROL SYSTEMS LAB	22	42	2
14W65A0203	RT31016	IPR & PATENTS	23	28	2
14W65A0203	RT31021	ELECTRICAL MEASUREMENTS	23	36	3
14W65A0203	RT31022	MEFA	20	43	3
14W65A0203	RT31023	POWER SYSTEMS-II	16	38	3
14W65A0203	RT31024	ELECTRICAL MACHINES-III	16	29	3
14W65A0203	RT31025	POWER ELECTRONICS	24	39	3
14W65A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	28	3
14W65A0203	RT31027	ELECTRICAL MACHINES-II LAB	22	44	2
14W65A0203	RT31028	CONTROL SYSTEMS LAB	22	45	2
14W65A0205	RT31016	IPR & PATENTS	19	30	2
14W65A0205	RT31021	ELECTRICAL MEASUREMENTS	19	37	3
14W65A0205	RT31022	MEFA	17	34	3
14W65A0205	RT31023	POWER SYSTEMS-II	12	28	3
14W65A0205	RT31024	ELECTRICAL MACHINES-III	16	36	3
14W65A0205	RT31025	POWER ELECTRONICS	17	17	0
14W65A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	8	0
14W65A0205	RT31027	ELECTRICAL MACHINES-II LAB	17	36	2
14W65A0205	RT31028	CONTROL SYSTEMS LAB	22	40	2
14W65A0206	RT31016	IPR & PATENTS	16	38	2
14W65A0206	RT31021	ELECTRICAL MEASUREMENTS	24	50	3
14W65A0206	RT31022	MEFA	22	35	3
14W65A0206	RT31023	POWER SYSTEMS-II	19	33	3
14W65A0206	RT31024	ELECTRICAL MACHINES-III	17	47	3
14W65A0206	RT31025	POWER ELECTRONICS	20	10	0
14W65A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	29	3
14W65A0206	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
14W65A0206	RT31028	CONTROL SYSTEMS LAB	24	40	2
14W65A0207	RT31016	IPR & PATENTS	22	37	2
14W65A0207	RT31021	ELECTRICAL MEASUREMENTS	25	35	3
14W65A0207	RT31022	MEFA	23	43	3
14W65A0207	RT31023	POWER SYSTEMS-II	24	62	3
14W65A0207	RT31024	ELECTRICAL MACHINES-III	23	43	3
14W65A0207	RT31025	POWER ELECTRONICS	25	32	3
14W65A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	38	3
14W65A0207	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
14W65A0207	RT31028	CONTROL SYSTEMS LAB	25	44	2
14W65A0208	RT31016	IPR & PATENTS	24	34	2
14W65A0208	RT31021	ELECTRICAL MEASUREMENTS	25	44	3
14W65A0208	RT31022	MEFA	22	42	3
14W65A0208	RT31023	POWER SYSTEMS-II	23	60	3
14W65A0208	RT31024	ELECTRICAL MACHINES-III	24	42	3
14W65A0208	RT31025	POWER ELECTRONICS	23	44	3
14W65A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	24	3
14W65A0208	RT31027	ELECTRICAL MACHINES-II LAB	21	45	2
14W65A0208	RT31028	CONTROL SYSTEMS LAB	25	45	2
14W65A0209	RT31016	IPR & PATENTS	21	45	2
14W65A0209	RT31021	ELECTRICAL MEASUREMENTS	26	44	3
14W65A0209	RT31022	MEFA	22	39	3
14W65A0209	RT31023	POWER SYSTEMS-II	24	67	3
14W65A0209	RT31024	ELECTRICAL MACHINES-III	22	48	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0209	RT31025	POWER ELECTRONICS	24	48	3
14W65A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	38	3
14W65A0209	RT31027	ELECTRICAL MACHINES-II LAB	23	46	2
14W65A0209	RT31028	CONTROL SYSTEMS LAB	25	44	2
14W65A0210	RT31016	IPR & PATENTS	22	41	2
14W65A0210	RT31021	ELECTRICAL MEASUREMENTS	26	65	3
14W65A0210	RT31022	MEFA	21	58	3
14W65A0210	RT31023	POWER SYSTEMS-II	20	51	3
14W65A0210	RT31024	ELECTRICAL MACHINES-III	19	45	3
14W65A0210	RT31025	POWER ELECTRONICS	21	35	3
14W65A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	35	3
14W65A0210	RT31027	ELECTRICAL MACHINES-II LAB	21	42	2
14W65A0210	RT31028	CONTROL SYSTEMS LAB	25	40	2
14W65A0211	RT31016	IPR & PATENTS	9	37	2
14W65A0211	RT31021	ELECTRICAL MEASUREMENTS	3	9	0
14W65A0211	RT31022	MEFA	18	24	3
14W65A0211	RT31023	POWER SYSTEMS-II	13	45	3
14W65A0211	RT31024	ELECTRICAL MACHINES-III	13	4	0
14W65A0211	RT31025	POWER ELECTRONICS	17	28	3
14W65A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	12	0
14W65A0211	RT31027	ELECTRICAL MACHINES-II LAB	19	35	2
14W65A0211	RT31028	CONTROL SYSTEMS LAB	19	40	2
14W65A0212	RT31016	IPR & PATENTS	18	32	2
14W65A0212	RT31021	ELECTRICAL MEASUREMENTS	22	10	0
14W65A0212	RT31022	MEFA	20	43	3
14W65A0212	RT31023	POWER SYSTEMS-II	15	58	3
14W65A0212	RT31024	ELECTRICAL MACHINES-III	21	36	3
14W65A0212	RT31025	POWER ELECTRONICS	17	35	3
14W65A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	17	0
14W65A0212	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
14W65A0212	RT31028	CONTROL SYSTEMS LAB	23	40	2
14W65A0213	RT31016	IPR & PATENTS	24	31	2
14W65A0213	RT31021	ELECTRICAL MEASUREMENTS	23	37	3
14W65A0213	RT31022	MEFA	19	35	3
14W65A0213	RT31023	POWER SYSTEMS-II	21	45	3
14W65A0213	RT31024	ELECTRICAL MACHINES-III	22	65	3
14W65A0213	RT31025	POWER ELECTRONICS	24	42	3
14W65A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	24	3
14W65A0213	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
14W65A0213	RT31028	CONTROL SYSTEMS LAB	25	44	2
14W65A0214	RT31016	IPR & PATENTS	17	30	2
14W65A0214	RT31021	ELECTRICAL MEASUREMENTS	18	29	3
14W65A0214	RT31022	MEFA	19	35	3
14W65A0214	RT31023	POWER SYSTEMS-II	18	6	0
14W65A0214	RT31024	ELECTRICAL MACHINES-III	18	39	3
14W65A0214	RT31025	POWER ELECTRONICS	21	10	0
14W65A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	6	7	0
14W65A0214	RT31027	ELECTRICAL MACHINES-II LAB	16	32	2
14W65A0214	RT31028	CONTROL SYSTEMS LAB	21	41	2
14W65A0217	RT31016	IPR & PATENTS	2	-1	0
14W65A0217	RT31021	ELECTRICAL MEASUREMENTS	16	-1	0

Htno	Subcode	Subname	Internal	External	credits
14W65A0217	RT31022	MEFA	16	-1	0
14W65A0217	RT31023	POWER SYSTEMS-II	4	-1	0
14W65A0217	RT31024	ELECTRICAL MACHINES-III	0	-1	0
14W65A0217	RT31025	POWER ELECTRONICS	2	-1	0
14W65A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	12	-1	0
14W65A0217	RT31027	ELECTRICAL MACHINES-II LAB	20	-1	0
14W65A0217	RT31028	CONTROL SYSTEMS LAB	19	-1	0
14W65A0218	RT31016	IPR & PATENTS	13	27	2
14W65A0218	RT31021	ELECTRICAL MEASUREMENTS	25	24	3
14W65A0218	RT31022	MEFA	20	37	3
14W65A0218	RT31023	POWER SYSTEMS-II	19	46	3
14W65A0218	RT31024	ELECTRICAL MACHINES-III	21	32	3
14W65A0218	RT31025	POWER ELECTRONICS	19	52	3
14W65A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	24	3
14W65A0218	RT31027	ELECTRICAL MACHINES-II LAB	20	34	2
14W65A0218	RT31028	CONTROL SYSTEMS LAB	23	41	2
14W65A0219	RT31016	IPR & PATENTS	17	34	2
14W65A0219	RT31021	ELECTRICAL MEASUREMENTS	20	24	3
14W65A0219	RT31022	MEFA	15	27	3
14W65A0219	RT31023	POWER SYSTEMS-II	17	34	3
14W65A0219	RT31024	ELECTRICAL MACHINES-III	19	15	0
14W65A0219	RT31025	POWER ELECTRONICS	21	27	3
14W65A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	3	0
14W65A0219	RT31027	ELECTRICAL MACHINES-II LAB	21	41	2
14W65A0219	RT31028	CONTROL SYSTEMS LAB	22	40	2
14W65A0220	RT31016	IPR & PATENTS	12	34	2
14W65A0220	RT31021	ELECTRICAL MEASUREMENTS	23	43	3
14W65A0220	RT31022	MEFA	21	40	3
14W65A0220	RT31023	POWER SYSTEMS-II	21	39	3
14W65A0220	RT31024	ELECTRICAL MACHINES-III	20	32	3
14W65A0220	RT31025	POWER ELECTRONICS	20	10	0
14W65A0220	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	26	3
14W65A0220	RT31027	ELECTRICAL MACHINES-II LAB	20	36	2
14W65A0220	RT31028	CONTROL SYSTEMS LAB	20	42	2
14W65A0221	RT31016	IPR & PATENTS	23	43	2
14W65A0221	RT31021	ELECTRICAL MEASUREMENTS	21	43	3
14W65A0221	RT31022	MEFA	22	35	3
14W65A0221	RT31023	POWER SYSTEMS-II	24	44	3
14W65A0221	RT31024	ELECTRICAL MACHINES-III	23	28	3
14W65A0221	RT31025	POWER ELECTRONICS	22	31	3
14W65A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	28	3
14W65A0221	RT31027	ELECTRICAL MACHINES-II LAB	25	46	2
14W65A0221	RT31028	CONTROL SYSTEMS LAB	25	44	2
14W65A0222	RT31016	IPR & PATENTS	21	32	2
14W65A0222	RT31021	ELECTRICAL MEASUREMENTS	22	47	3
14W65A0222	RT31022	MEFA	20	45	3
14W65A0222	RT31023	POWER SYSTEMS-II	20	54	3
14W65A0222	RT31024	ELECTRICAL MACHINES-III	22	43	3
14W65A0222	RT31025	POWER ELECTRONICS	19	37	3
14W65A0222	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	26	3
14W65A0222	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0222	RT31028	CONTROL SYSTEMS LAB	21	40	2
14W65A0223	RT31016	IPR & PATENTS	19	31	2
14W65A0223	RT31021	ELECTRICAL MEASUREMENTS	17	24	3
14W65A0223	RT31022	MEFA	18	24	3
14W65A0223	RT31023	POWER SYSTEMS-II	15	34	3
14W65A0223	RT31024	ELECTRICAL MACHINES-III	15	26	3
14W65A0223	RT31025	POWER ELECTRONICS	18	24	3
14W65A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	-1	0
14W65A0223	RT31027	ELECTRICAL MACHINES-II LAB	24	40	2
14W65A0223	RT31028	CONTROL SYSTEMS LAB	24	40	2
14W65A0224	RT31016	IPR & PATENTS	21	27	2
14W65A0224	RT31021	ELECTRICAL MEASUREMENTS	22	38	3
14W65A0224	RT31022	MEFA	20	45	3
14W65A0224	RT31023	POWER SYSTEMS-II	21	47	3
14W65A0224	RT31024	ELECTRICAL MACHINES-III	20	33	3
14W65A0224	RT31025	POWER ELECTRONICS	23	24	3
14W65A0224	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	30	3
14W65A0224	RT31027	ELECTRICAL MACHINES-II LAB	24	44	2
14W65A0224	RT31028	CONTROL SYSTEMS LAB	24	42	2
14W65A0225	RT31016	IPR & PATENTS	14	42	2
14W65A0225	RT31021	ELECTRICAL MEASUREMENTS	22	41	3
14W65A0225	RT31022	MEFA	19	37	3
14W65A0225	RT31023	POWER SYSTEMS-II	19	43	3
14W65A0225	RT31024	ELECTRICAL MACHINES-III	14	15	0
14W65A0225	RT31025	POWER ELECTRONICS	17	28	3
14W65A0225	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	29	3
14W65A0225	RT31027	ELECTRICAL MACHINES-II LAB	21	34	2
14W65A0225	RT31028	CONTROL SYSTEMS LAB	23	40	2
14W65A0226	RT31016	IPR & PATENTS	17	32	2
14W65A0226	RT31021	ELECTRICAL MEASUREMENTS	19	44	3
14W65A0226	RT31022	MEFA	21	45	3
14W65A0226	RT31023	POWER SYSTEMS-II	19	51	3
14W65A0226	RT31024	ELECTRICAL MACHINES-III	22	41	3
14W65A0226	RT31025	POWER ELECTRONICS	23	36	3
14W65A0226	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	32	3
14W65A0226	RT31027	ELECTRICAL MACHINES-II LAB	23	44	2
14W65A0226	RT31028	CONTROL SYSTEMS LAB	23	48	2
14W65A0227	RT31016	IPR & PATENTS	21	36	2
14W65A0227	RT31021	ELECTRICAL MEASUREMENTS	21	43	3
14W65A0227	RT31022	MEFA	20	33	3
14W65A0227	RT31023	POWER SYSTEMS-II	19	49	3
14W65A0227	RT31024	ELECTRICAL MACHINES-III	23	44	3
14W65A0227	RT31025	POWER ELECTRONICS	19	25	3
14W65A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	24	3
14W65A0227	RT31027	ELECTRICAL MACHINES-II LAB	23	39	2
14W65A0227	RT31028	CONTROL SYSTEMS LAB	23	43	2
14W65A0229	RT31016	IPR & PATENTS	20	31	2
14W65A0229	RT31021	ELECTRICAL MEASUREMENTS	20	29	3
14W65A0229	RT31022	MEFA	17	36	3
14W65A0229	RT31023	POWER SYSTEMS-II	22	36	3
14W65A0229	RT31024	ELECTRICAL MACHINES-III	23	24	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0229	RT31025	POWER ELECTRONICS	16	12	0
14W65A0229	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	26	3
14W65A0229	RT31027	ELECTRICAL MACHINES-II LAB	23	38	2
14W65A0229	RT31028	CONTROL SYSTEMS LAB	23	40	2
14W65A0230	RT31016	IPR & PATENTS	23	39	2
14W65A0230	RT31021	ELECTRICAL MEASUREMENTS	19	32	3
14W65A0230	RT31022	MEFA	21	43	3
14W65A0230	RT31023	POWER SYSTEMS-II	20	51	3
14W65A0230	RT31024	ELECTRICAL MACHINES-III	23	16	0
14W65A0230	RT31025	POWER ELECTRONICS	18	31	3
14W65A0230	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	49	3
14W65A0230	RT31027	ELECTRICAL MACHINES-II LAB	24	35	2
14W65A0230	RT31028	CONTROL SYSTEMS LAB	22	40	2
14W65A0231	RT31016	IPR & PATENTS	21	33	2
14W65A0231	RT31021	ELECTRICAL MEASUREMENTS	20	41	3
14W65A0231	RT31022	MEFA	23	39	3
14W65A0231	RT31023	POWER SYSTEMS-II	22	48	3
14W65A0231	RT31024	ELECTRICAL MACHINES-III	23	46	3
14W65A0231	RT31025	POWER ELECTRONICS	22	30	3
14W65A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	26	3
14W65A0231	RT31027	ELECTRICAL MACHINES-II LAB	24	40	2
14W65A0231	RT31028	CONTROL SYSTEMS LAB	24	44	2
14W65A0232	RT31016	IPR & PATENTS	22	38	2
14W65A0232	RT31021	ELECTRICAL MEASUREMENTS	25	41	3
14W65A0232	RT31022	MEFA	20	35	3
14W65A0232	RT31023	POWER SYSTEMS-II	24	35	3
14W65A0232	RT31024	ELECTRICAL MACHINES-III	20	34	3
14W65A0232	RT31025	POWER ELECTRONICS	22	28	3
14W65A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	32	3
14W65A0232	RT31027	ELECTRICAL MACHINES-II LAB	22	38	2
14W65A0232	RT31028	CONTROL SYSTEMS LAB	23	44	2
14W65A0233	RT31016	IPR & PATENTS	21	12	0
14W65A0233	RT31021	ELECTRICAL MEASUREMENTS	17	26	3
14W65A0233	RT31022	MEFA	19	29	3
14W65A0233	RT31023	POWER SYSTEMS-II	11	13	0
14W65A0233	RT31024	ELECTRICAL MACHINES-III	14	30	3
14W65A0233	RT31025	POWER ELECTRONICS	18	2	0
14W65A0233	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	14	0
14W65A0233	RT31027	ELECTRICAL MACHINES-II LAB	17	30	2
14W65A0233	RT31028	CONTROL SYSTEMS LAB	20	32	2
14W65A0234	RT31016	IPR & PATENTS	21	41	2
14W65A0234	RT31021	ELECTRICAL MEASUREMENTS	21	33	3
14W65A0234	RT31022	MEFA	19	26	3
14W65A0234	RT31023	POWER SYSTEMS-II	19	43	3
14W65A0234	RT31024	ELECTRICAL MACHINES-III	15	12	0
14W65A0234	RT31025	POWER ELECTRONICS	21	30	3
14W65A0234	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	28	3
14W65A0234	RT31027	ELECTRICAL MACHINES-II LAB	22	43	2
14W65A0234	RT31028	CONTROL SYSTEMS LAB	22	40	2
14W65A0235	RT31016	IPR & PATENTS	18	26	2
14W65A0235	RT31021	ELECTRICAL MEASUREMENTS	22	43	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0235	RT31022	MEFA	20	46	3
14W65A0235	RT31023	POWER SYSTEMS-II	21	46	3
14W65A0235	RT31024	ELECTRICAL MACHINES-III	18	29	3
14W65A0235	RT31025	POWER ELECTRONICS	18	32	3
14W65A0235	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	24	3
14W65A0235	RT31027	ELECTRICAL MACHINES-II LAB	23	38	2
14W65A0235	RT31028	CONTROL SYSTEMS LAB	23	42	2
14W65A0236	RT31016	IPR & PATENTS	23	40	2
14W65A0236	RT31021	ELECTRICAL MEASUREMENTS	22	29	3
14W65A0236	RT31022	MEFA	19	33	3
14W65A0236	RT31023	POWER SYSTEMS-II	18	39	3
14W65A0236	RT31024	ELECTRICAL MACHINES-III	20	31	3
14W65A0236	RT31025	POWER ELECTRONICS	17	29	3
14W65A0236	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	11	0
14W65A0236	RT31027	ELECTRICAL MACHINES-II LAB	24	45	2
14W65A0236	RT31028	CONTROL SYSTEMS LAB	24	40	2
14W65A0237	RT31016	IPR & PATENTS	16	15	0
14W65A0237	RT31021	ELECTRICAL MEASUREMENTS	24	32	3
14W65A0237	RT31022	MEFA	17	32	3
14W65A0237	RT31023	POWER SYSTEMS-II	17	44	3
14W65A0237	RT31024	ELECTRICAL MACHINES-III	17	50	3
14W65A0237	RT31025	POWER ELECTRONICS	16	24	3
14W65A0237	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	27	3
14W65A0237	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2
14W65A0237	RT31028	CONTROL SYSTEMS LAB	23	41	2
14W65A0238	RT31016	IPR & PATENTS	21	37	2
14W65A0238	RT31021	ELECTRICAL MEASUREMENTS	18	39	3
14W65A0238	RT31022	MEFA	21	32	3
14W65A0238	RT31023	POWER SYSTEMS-II	20	53	3
14W65A0238	RT31024	ELECTRICAL MACHINES-III	22	5	0
14W65A0238	RT31025	POWER ELECTRONICS	20	28	3
14W65A0238	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	37	3
14W65A0238	RT31027	ELECTRICAL MACHINES-II LAB	21	35	2
14W65A0238	RT31028	CONTROL SYSTEMS LAB	21	40	2
14W65A0239	RT31016	IPR & PATENTS	23	32	2
14W65A0239	RT31021	ELECTRICAL MEASUREMENTS	24	40	3
14W65A0239	RT31022	MEFA	24	46	3
14W65A0239	RT31023	POWER SYSTEMS-II	22	52	3
14W65A0239	RT31024	ELECTRICAL MACHINES-III	18	32	3
14W65A0239	RT31025	POWER ELECTRONICS	21	36	3
14W65A0239	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	24	3
14W65A0239	RT31027	ELECTRICAL MACHINES-II LAB	23	47	2
14W65A0239	RT31028	CONTROL SYSTEMS LAB	24	43	2
14W65A0240	RT31016	IPR & PATENTS	21	38	2
14W65A0240	RT31021	ELECTRICAL MEASUREMENTS	23	44	3
14W65A0240	RT31022	MEFA	21	37	3
14W65A0240	RT31023	POWER SYSTEMS-II	22	52	3
14W65A0240	RT31024	ELECTRICAL MACHINES-III	23	57	3
14W65A0240	RT31025	POWER ELECTRONICS	23	39	3
14W65A0240	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	38	3
14W65A0240	RT31027	ELECTRICAL MACHINES-II LAB	25	42	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0240	RT31028	CONTROL SYSTEMS LAB	25	46	2
14W65A0241	RT31016	IPR & PATENTS	22	33	2
14W65A0241	RT31021	ELECTRICAL MEASUREMENTS	27	47	3
14W65A0241	RT31022	MEFA	24	57	3
14W65A0241	RT31023	POWER SYSTEMS-II	22	59	3
14W65A0241	RT31024	ELECTRICAL MACHINES-III	23	53	3
14W65A0241	RT31025	POWER ELECTRONICS	23	31	3
14W65A0241	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	39	3
14W65A0241	RT31027	ELECTRICAL MACHINES-II LAB	23	46	2
14W65A0241	RT31028	CONTROL SYSTEMS LAB	24	42	2
14W65A0242	RT31016	IPR & PATENTS	21	40	2
14W65A0242	RT31021	ELECTRICAL MEASUREMENTS	20	31	3
14W65A0242	RT31022	MEFA	20	36	3
14W65A0242	RT31023	POWER SYSTEMS-II	17	31	3
14W65A0242	RT31024	ELECTRICAL MACHINES-III	12	46	3
14W65A0242	RT31025	POWER ELECTRONICS	15	14	0
14W65A0242	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	34	3
14W65A0242	RT31027	ELECTRICAL MACHINES-II LAB	21	35	2
14W65A0242	RT31028	CONTROL SYSTEMS LAB	22	38	2
14W65A0243	RT31016	IPR & PATENTS	15	35	2
14W65A0243	RT31021	ELECTRICAL MEASUREMENTS	20	6	0
14W65A0243	RT31022	MEFA	18	46	3
14W65A0243	RT31023	POWER SYSTEMS-II	14	35	3
14W65A0243	RT31024	ELECTRICAL MACHINES-III	13	27	3
14W65A0243	RT31025	POWER ELECTRONICS	12	20	0
14W65A0243	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	17	0
14W65A0243	RT31027	ELECTRICAL MACHINES-II LAB	21	35	2
14W65A0243	RT31028	CONTROL SYSTEMS LAB	22	42	2
14W65A0244	RT31016	IPR & PATENTS	19	40	2
14W65A0244	RT31021	ELECTRICAL MEASUREMENTS	20	41	3
14W65A0244	RT31022	MEFA	21	37	3
14W65A0244	RT31023	POWER SYSTEMS-II	19	53	3
14W65A0244	RT31024	ELECTRICAL MACHINES-III	22	54	3
14W65A0244	RT31025	POWER ELECTRONICS	21	31	3
14W65A0244	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	32	3
14W65A0244	RT31027	ELECTRICAL MACHINES-II LAB	23	38	2
14W65A0244	RT31028	CONTROL SYSTEMS LAB	23	42	2
14W65A0245	RT31016	IPR & PATENTS	22	41	2
14W65A0245	RT31021	ELECTRICAL MEASUREMENTS	28	43	3
14W65A0245	RT31022	MEFA	23	52	3
14W65A0245	RT31023	POWER SYSTEMS-II	25	55	3
14W65A0245	RT31024	ELECTRICAL MACHINES-III	24	49	3
14W65A0245	RT31025	POWER ELECTRONICS	25	45	3
14W65A0245	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	35	3
14W65A0245	RT31027	ELECTRICAL MACHINES-II LAB	25	48	2
14W65A0245	RT31028	CONTROL SYSTEMS LAB	25	50	2
14W65A0247	RT31016	IPR & PATENTS	20	39	2
14W65A0247	RT31021	ELECTRICAL MEASUREMENTS	23	40	3
14W65A0247	RT31022	MEFA	20	36	3
14W65A0247	RT31023	POWER SYSTEMS-II	15	44	3
14W65A0247	RT31024	ELECTRICAL MACHINES-III	19	32	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0247	RT31025	POWER ELECTRONICS	18	36	3
14W65A0247	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	36	3
14W65A0247	RT31027	ELECTRICAL MACHINES-II LAB	22	35	2
14W65A0247	RT31028	CONTROL SYSTEMS LAB	22	42	2
14W65A0248	RT31016	IPR & PATENTS	18	37	2
14W65A0248	RT31021	ELECTRICAL MEASUREMENTS	16	4	0
14W65A0248	RT31022	MEFA	21	36	3
14W65A0248	RT31023	POWER SYSTEMS-II	15	52	3
14W65A0248	RT31024	ELECTRICAL MACHINES-III	16	30	3
14W65A0248	RT31025	POWER ELECTRONICS	21	35	3
14W65A0248	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	14	0
14W65A0248	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2
14W65A0248	RT31028	CONTROL SYSTEMS LAB	20	38	2
14W65A0249	RT31016	IPR & PATENTS	19	35	2
14W65A0249	RT31021	ELECTRICAL MEASUREMENTS	25	40	3
14W65A0249	RT31022	MEFA	19	30	3
14W65A0249	RT31023	POWER SYSTEMS-II	17	52	3
14W65A0249	RT31024	ELECTRICAL MACHINES-III	20	53	3
14W65A0249	RT31025	POWER ELECTRONICS	23	41	3
14W65A0249	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	34	3
14W65A0249	RT31027	ELECTRICAL MACHINES-II LAB	23	43	2
14W65A0249	RT31028	CONTROL SYSTEMS LAB	24	39	2
14W65A0250	RT31016	IPR & PATENTS	21	37	2
14W65A0250	RT31021	ELECTRICAL MEASUREMENTS	21	47	3
14W65A0250	RT31022	MEFA	21	31	3
14W65A0250	RT31023	POWER SYSTEMS-II	21	42	3
14W65A0250	RT31024	ELECTRICAL MACHINES-III	20	36	3
14W65A0250	RT31025	POWER ELECTRONICS	21	31	3
14W65A0250	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	28	3
14W65A0250	RT31027	ELECTRICAL MACHINES-II LAB	22	35	2
14W65A0250	RT31028	CONTROL SYSTEMS LAB	22	40	2
14W65A0252	RT31016	IPR & PATENTS	21	43	2
14W65A0252	RT31021	ELECTRICAL MEASUREMENTS	20	27	3
14W65A0252	RT31022	MEFA	19	36	3
14W65A0252	RT31023	POWER SYSTEMS-II	20	31	3
14W65A0252	RT31024	ELECTRICAL MACHINES-III	19	24	3
14W65A0252	RT31025	POWER ELECTRONICS	20	37	3
14W65A0252	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	33	3
14W65A0252	RT31027	ELECTRICAL MACHINES-II LAB	24	45	2
14W65A0252	RT31028	CONTROL SYSTEMS LAB	23	40	2
14W65A0253	RT31016	IPR & PATENTS	20	31	2
14W65A0253	RT31021	ELECTRICAL MEASUREMENTS	26	24	3
14W65A0253	RT31022	MEFA	17	42	3
14W65A0253	RT31023	POWER SYSTEMS-II	25	42	3
14W65A0253	RT31024	ELECTRICAL MACHINES-III	25	41	3
14W65A0253	RT31025	POWER ELECTRONICS	24	33	3
14W65A0253	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	26	3
14W65A0253	RT31027	ELECTRICAL MACHINES-II LAB	25	41	2
14W65A0253	RT31028	CONTROL SYSTEMS LAB	24	45	2
14W65A0254	RT31016	IPR & PATENTS	22	31	2
14W65A0254	RT31021	ELECTRICAL MEASUREMENTS	26	39	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0254	RT31022	MEFA	21	37	3
14W65A0254	RT31023	POWER SYSTEMS-II	23	64	3
14W65A0254	RT31024	ELECTRICAL MACHINES-III	25	48	3
14W65A0254	RT31025	POWER ELECTRONICS	25	47	3
14W65A0254	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	32	3
14W65A0254	RT31027	ELECTRICAL MACHINES-II LAB	24	42	2
14W65A0254	RT31028	CONTROL SYSTEMS LAB	23	45	2
14W65A0255	RT31016	IPR & PATENTS	20	31	2
14W65A0255	RT31021	ELECTRICAL MEASUREMENTS	22	25	3
14W65A0255	RT31022	MEFA	16	29	3
14W65A0255	RT31023	POWER SYSTEMS-II	15	26	3
14W65A0255	RT31024	ELECTRICAL MACHINES-III	15	7	0
14W65A0255	RT31025	POWER ELECTRONICS	15	0	0
14W65A0255	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	26	3
14W65A0255	RT31027	ELECTRICAL MACHINES-II LAB	21	40	2
14W65A0255	RT31028	CONTROL SYSTEMS LAB	23	38	2
14W65A0257	RT31016	IPR & PATENTS	20	39	2
14W65A0257	RT31021	ELECTRICAL MEASUREMENTS	25	29	3
14W65A0257	RT31022	MEFA	22	45	3
14W65A0257	RT31023	POWER SYSTEMS-II	17	48	3
14W65A0257	RT31024	ELECTRICAL MACHINES-III	21	28	3
14W65A0257	RT31025	POWER ELECTRONICS	21	29	3
14W65A0257	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	27	3
14W65A0257	RT31027	ELECTRICAL MACHINES-II LAB	23	41	2
14W65A0257	RT31028	CONTROL SYSTEMS LAB	24	44	2
14W65A0258	RT31016	IPR & PATENTS	19	47	2
14W65A0258	RT31021	ELECTRICAL MEASUREMENTS	22	26	3
14W65A0258	RT31022	MEFA	20	50	3
14W65A0258	RT31023	POWER SYSTEMS-II	17	56	3
14W65A0258	RT31024	ELECTRICAL MACHINES-III	17	56	3
14W65A0258	RT31025	POWER ELECTRONICS	17	42	3
14W65A0258	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	30	3
14W65A0258	RT31027	ELECTRICAL MACHINES-II LAB	24	42	2
14W65A0258	RT31028	CONTROL SYSTEMS LAB	24	42	2
14W65A0259	RT31016	IPR & PATENTS	25	34	2
14W65A0259	RT31021	ELECTRICAL MEASUREMENTS	23	43	3
14W65A0259	RT31022	MEFA	21	34	3
14W65A0259	RT31023	POWER SYSTEMS-II	20	67	3
14W65A0259	RT31024	ELECTRICAL MACHINES-III	24	65	3
14W65A0259	RT31025	POWER ELECTRONICS	19	27	3
14W65A0259	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	12	0
14W65A0259	RT31027	ELECTRICAL MACHINES-II LAB	22	36	2
14W65A0259	RT31028	CONTROL SYSTEMS LAB	23	41	2
14W65A0260	RT31016	IPR & PATENTS	19	39	2
14W65A0260	RT31021	ELECTRICAL MEASUREMENTS	16	46	3
14W65A0260	RT31022	MEFA	19	35	3
14W65A0260	RT31023	POWER SYSTEMS-II	21	43	3
14W65A0260	RT31024	ELECTRICAL MACHINES-III	20	32	3
14W65A0260	RT31025	POWER ELECTRONICS	17	24	3
14W65A0260	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	32	3
14W65A0260	RT31027	ELECTRICAL MACHINES-II LAB	25	42	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0260	RT31028	CONTROL SYSTEMS LAB	25	41	2
14W65A0261	RT31016	IPR & PATENTS	20	40	2
14W65A0261	RT31021	ELECTRICAL MEASUREMENTS	17	36	3
14W65A0261	RT31022	MEFA	19	33	3
14W65A0261	RT31023	POWER SYSTEMS-II	17	40	3
14W65A0261	RT31024	ELECTRICAL MACHINES-III	19	28	3
14W65A0261	RT31025	POWER ELECTRONICS	18	30	3
14W65A0261	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	31	3
14W65A0261	RT31027	ELECTRICAL MACHINES-II LAB	22	40	2
14W65A0261	RT31028	CONTROL SYSTEMS LAB	22	41	2
14W65A0262	RT31016	IPR & PATENTS	20	32	2
14W65A0262	RT31021	ELECTRICAL MEASUREMENTS	17	8	0
14W65A0262	RT31022	MEFA	20	31	3
14W65A0262	RT31023	POWER SYSTEMS-II	21	26	3
14W65A0262	RT31024	ELECTRICAL MACHINES-III	20	34	3
14W65A0262	RT31025	POWER ELECTRONICS	18	25	3
14W65A0262	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	26	3
14W65A0262	RT31027	ELECTRICAL MACHINES-II LAB	22	38	2
14W65A0262	RT31028	CONTROL SYSTEMS LAB	23	40	2
14W65A0301	RT31016	IPR & PATENTS	22	31	2
14W65A0301	RT31031	DYNAMICS OF MACHINERY	7	14	0
14W65A0301	RT31032	METAL CUTTING & MACHINE TOOLS	10	14	0
14W65A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	6	43	3
14W65A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	47	3
14W65A0301	RT31035	THERMAL ENGINEERING-II	14	33	3
14W65A0301	RT31036	METROLOGY	18	57	3
14W65A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	21	39	2
14W65A0301	RT31038	MACHINE TOOLS LAB	23	40	2
14W65A0302	RT31016	IPR & PATENTS	26	39	2
14W65A0302	RT31031	DYNAMICS OF MACHINERY	8	37	3
14W65A0302	RT31032	METAL CUTTING & MACHINE TOOLS	19	45	3
14W65A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	15	32	3
14W65A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	57	3
14W65A0302	RT31035	THERMAL ENGINEERING-II	18	50	3
14W65A0302	RT31036	METROLOGY	21	39	3
14W65A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	21	34	2
14W65A0302	RT31038	MACHINE TOOLS LAB	21	45	2
14W65A0304	RT31016	IPR & PATENTS	25	31	2
14W65A0304	RT31031	DYNAMICS OF MACHINERY	24	34	3
14W65A0304	RT31032	METAL CUTTING & MACHINE TOOLS	25	24	3
14W65A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	17	37	3
14W65A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	46	3
14W65A0304	RT31035	THERMAL ENGINEERING-II	19	28	3
14W65A0304	RT31036	METROLOGY	21	32	3
14W65A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
14W65A0304	RT31038	MACHINE TOOLS LAB	24	41	2
14W65A0305	RT31016	IPR & PATENTS	24	25	2
14W65A0305	RT31031	DYNAMICS OF MACHINERY	17	13	0
14W65A0305	RT31032	METAL CUTTING & MACHINE TOOLS	18	66	3
14W65A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	13	37	3
14W65A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	43	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0305	RT31035	THERMAL ENGINEERING-II	17	28	3
14W65A0305	RT31036	METROLOGY	18	27	3
14W65A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	21	46	2
14W65A0305	RT31038	MACHINE TOOLS LAB	23	41	2
14W65A0306	RT31016	IPR & PATENTS	25	38	2
14W65A0306	RT31031	DYNAMICS OF MACHINERY	21	24	3
14W65A0306	RT31032	METAL CUTTING & MACHINE TOOLS	24	24	3
14W65A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	21	33	3
14W65A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	53	3
14W65A0306	RT31035	THERMAL ENGINEERING-II	20	40	3
14W65A0306	RT31036	METROLOGY	23	53	3
14W65A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0306	RT31038	MACHINE TOOLS LAB	24	44	2
14W65A0307	RT31016	IPR & PATENTS	23	34	2
14W65A0307	RT31031	DYNAMICS OF MACHINERY	23	39	3
14W65A0307	RT31032	METAL CUTTING & MACHINE TOOLS	23	45	3
14W65A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	24	24	3
14W65A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	65	3
14W65A0307	RT31035	THERMAL ENGINEERING-II	23	57	3
14W65A0307	RT31036	METROLOGY	22	53	3
14W65A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0307	RT31038	MACHINE TOOLS LAB	24	43	2
14W65A0308	RT31016	IPR & PATENTS	30	49	2
14W65A0308	RT31031	DYNAMICS OF MACHINERY	23	49	3
14W65A0308	RT31032	METAL CUTTING & MACHINE TOOLS	27	50	3
14W65A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	26	70	3
14W65A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	64	3
14W65A0308	RT31035	THERMAL ENGINEERING-II	25	52	3
14W65A0308	RT31036	METROLOGY	24	48	3
14W65A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0308	RT31038	MACHINE TOOLS LAB	25	43	2
14W65A0309	RT31016	IPR & PATENTS	25	1	0
14W65A0309	RT31031	DYNAMICS OF MACHINERY	15	36	3
14W65A0309	RT31032	METAL CUTTING & MACHINE TOOLS	20	54	3
14W65A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	22	33	3
14W65A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	32	3
14W65A0309	RT31035	THERMAL ENGINEERING-II	19	24	3
14W65A0309	RT31036	METROLOGY	25	34	3
14W65A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0309	RT31038	MACHINE TOOLS LAB	24	43	2
14W65A0310	RT31016	IPR & PATENTS	21	26	2
14W65A0310	RT31031	DYNAMICS OF MACHINERY	23	11	0
14W65A0310	RT31032	METAL CUTTING & MACHINE TOOLS	23	35	3
14W65A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	24	43	3
14W65A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	44	3
14W65A0310	RT31035	THERMAL ENGINEERING-II	22	52	3
14W65A0310	RT31036	METROLOGY	20	32	3
14W65A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2
14W65A0310	RT31038	MACHINE TOOLS LAB	23	46	2
14W65A0311	RT31016	IPR & PATENTS	25	29	2
14W65A0311	RT31031	DYNAMICS OF MACHINERY	15	25	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0311	RT31032	METAL CUTTING & MACHINE TOOLS	17	29	3
14W65A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	14	26	3
14W65A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	28	3
14W65A0311	RT31035	THERMAL ENGINEERING-II	17	44	3
14W65A0311	RT31036	METROLOGY	16	42	3
14W65A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	16	39	2
14W65A0311	RT31038	MACHINE TOOLS LAB	22	40	2
14W65A0312	RT31016	IPR & PATENTS	22	14	0
14W65A0312	RT31031	DYNAMICS OF MACHINERY	13	15	0
14W65A0312	RT31032	METAL CUTTING & MACHINE TOOLS	17	11	0
14W65A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	12	28	3
14W65A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	20	0
14W65A0312	RT31035	THERMAL ENGINEERING-II	12	19	0
14W65A0312	RT31036	METROLOGY	10	16	0
14W65A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	21	44	2
14W65A0312	RT31038	MACHINE TOOLS LAB	23	41	2
14W65A0313	RT31016	IPR & PATENTS	27	24	2
14W65A0313	RT31031	DYNAMICS OF MACHINERY	20	31	3
14W65A0313	RT31032	METAL CUTTING & MACHINE TOOLS	22	62	3
14W65A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	19	49	3
14W65A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	42	3
14W65A0313	RT31035	THERMAL ENGINEERING-II	20	39	3
14W65A0313	RT31036	METROLOGY	22	45	3
14W65A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0313	RT31038	MACHINE TOOLS LAB	19	40	2
14W65A0314	RT31016	IPR & PATENTS	23	26	2
14W65A0314	RT31031	DYNAMICS OF MACHINERY	5	16	0
14W65A0314	RT31032	METAL CUTTING & MACHINE TOOLS	13	35	3
14W65A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	7	35	3
14W65A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	36	3
14W65A0314	RT31035	THERMAL ENGINEERING-II	10	39	3
14W65A0314	RT31036	METROLOGY	6	51	3
14W65A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
14W65A0314	RT31038	MACHINE TOOLS LAB	21	41	2
14W65A0315	RT31016	IPR & PATENTS	20	34	2
14W65A0315	RT31031	DYNAMICS OF MACHINERY	11	45	3
14W65A0315	RT31032	METAL CUTTING & MACHINE TOOLS	16	40	3
14W65A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	25	29	3
14W65A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	40	3
14W65A0315	RT31035	THERMAL ENGINEERING-II	20	49	3
14W65A0315	RT31036	METROLOGY	22	58	3
14W65A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
14W65A0315	RT31038	MACHINE TOOLS LAB	15	44	2
14W65A0316	RT31016	IPR & PATENTS	27	24	2
14W65A0316	RT31031	DYNAMICS OF MACHINERY	17	30	3
14W65A0316	RT31032	METAL CUTTING & MACHINE TOOLS	22	35	3
14W65A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	21	51	3
14W65A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	38	3
14W65A0316	RT31035	THERMAL ENGINEERING-II	23	44	3
14W65A0316	RT31036	METROLOGY	22	31	3
14W65A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0316	RT31038	MACHINE TOOLS LAB	24	40	2
14W65A0318	RT31016	IPR & PATENTS	27	11	0
14W65A0318	RT31031	DYNAMICS OF MACHINERY	15	25	3
14W65A0318	RT31032	METAL CUTTING & MACHINE TOOLS	24	59	3
14W65A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	15	45	3
14W65A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	42	3
14W65A0318	RT31035	THERMAL ENGINEERING-II	22	35	3
14W65A0318	RT31036	METROLOGY	7	35	3
14W65A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
14W65A0318	RT31038	MACHINE TOOLS LAB	24	40	2
14W65A0319	RT31016	IPR & PATENTS	20	34	2
14W65A0319	RT31031	DYNAMICS OF MACHINERY	8	12	0
14W65A0319	RT31032	METAL CUTTING & MACHINE TOOLS	17	44	3
14W65A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	4	40	3
14W65A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	1	46	3
14W65A0319	RT31035	THERMAL ENGINEERING-II	13	33	3
14W65A0319	RT31036	METROLOGY	16	39	3
14W65A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	15	40	2
14W65A0319	RT31038	MACHINE TOOLS LAB	21	39	2
14W65A0320	RT31016	IPR & PATENTS	27	29	2
14W65A0320	RT31031	DYNAMICS OF MACHINERY	12	35	3
14W65A0320	RT31032	METAL CUTTING & MACHINE TOOLS	21	33	3
14W65A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	19	16	0
14W65A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	47	3
14W65A0320	RT31035	THERMAL ENGINEERING-II	22	5	0
14W65A0320	RT31036	METROLOGY	20	62	3
14W65A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
14W65A0320	RT31038	MACHINE TOOLS LAB	24	41	2
14W65A0321	RT31016	IPR & PATENTS	23	27	2
14W65A0321	RT31031	DYNAMICS OF MACHINERY	21	42	3
14W65A0321	RT31032	METAL CUTTING & MACHINE TOOLS	25	24	3
14W65A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	25	61	3
14W65A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	47	3
14W65A0321	RT31035	THERMAL ENGINEERING-II	24	41	3
14W65A0321	RT31036	METROLOGY	24	33	3
14W65A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
14W65A0321	RT31038	MACHINE TOOLS LAB	24	40	2
14W65A0322	RT31016	IPR & PATENTS	24	27	2
14W65A0322	RT31031	DYNAMICS OF MACHINERY	17	32	3
14W65A0322	RT31032	METAL CUTTING & MACHINE TOOLS	16	55	3
14W65A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	21	47	3
14W65A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	43	3
14W65A0322	RT31035	THERMAL ENGINEERING-II	20	36	3
14W65A0322	RT31036	METROLOGY	26	38	3
14W65A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
14W65A0322	RT31038	MACHINE TOOLS LAB	24	38	2
14W65A0323	RT31016	IPR & PATENTS	25	29	2
14W65A0323	RT31031	DYNAMICS OF MACHINERY	22	41	3
14W65A0323	RT31032	METAL CUTTING & MACHINE TOOLS	23	44	3
14W65A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	15	37	3
14W65A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	50	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0323	RT31035	THERMAL ENGINEERING-II	25	42	3
14W65A0323	RT31036	METROLOGY	23	60	3
14W65A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2
14W65A0323	RT31038	MACHINE TOOLS LAB	24	38	2
14W65A0324	RT31016	IPR & PATENTS	21	32	2
14W65A0324	RT31031	DYNAMICS OF MACHINERY	12	6	0
14W65A0324	RT31032	METAL CUTTING & MACHINE TOOLS	15	35	3
14W65A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	7	25	0
14W65A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	65	3
14W65A0324	RT31035	THERMAL ENGINEERING-II	11	41	3
14W65A0324	RT31036	METROLOGY	8	44	3
14W65A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
14W65A0324	RT31038	MACHINE TOOLS LAB	21	39	2
14W65A0325	RT31016	IPR & PATENTS	19	18	0
14W65A0325	RT31031	DYNAMICS OF MACHINERY	7	16	0
14W65A0325	RT31032	METAL CUTTING & MACHINE TOOLS	13	7	0
14W65A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	3	14	0
14W65A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	21	0
14W65A0325	RT31035	THERMAL ENGINEERING-II	11	30	3
14W65A0325	RT31036	METROLOGY	14	16	0
14W65A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	16	38	2
14W65A0325	RT31038	MACHINE TOOLS LAB	22	35	2
14W65A0326	RT31016	IPR & PATENTS	27	14	0
14W65A0326	RT31031	DYNAMICS OF MACHINERY	11	13	0
14W65A0326	RT31032	METAL CUTTING & MACHINE TOOLS	15	53	3
14W65A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	15	30	3
14W65A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	40	3
14W65A0326	RT31035	THERMAL ENGINEERING-II	22	28	3
14W65A0326	RT31036	METROLOGY	22	41	3
14W65A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
14W65A0326	RT31038	MACHINE TOOLS LAB	23	40	2
14W65A0401	RT31016	IPR & PATENTS	22	39	2
14W65A0401	RT31041	PULSE & DIGITAL CIRCUITS	19	30	3
14W65A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	37	3
14W65A0401	RT31043	CONTROL SYSTEMS	19	28	3
14W65A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	32	3
14W65A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
14W65A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	34	2
14W65A0401	RT31048	LICA LAB	20	49	2
14W65A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	33	2
14W65A0402	RT31016	IPR & PATENTS	22	34	2
14W65A0402	RT31041	PULSE & DIGITAL CIRCUITS	20	25	3
14W65A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	44	3
14W65A0402	RT31043	CONTROL SYSTEMS	15	12	0
14W65A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	32	3
14W65A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	21	25	3
14W65A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	34	2
14W65A0402	RT31048	LICA LAB	23	33	2
14W65A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	36	2
14W65A0403	RT31016	IPR & PATENTS	23	25	2
14W65A0403	RT31041	PULSE & DIGITAL CIRCUITS	18	31	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	47	3
14W65A0403	RT31043	CONTROL SYSTEMS	10	33	3
14W65A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	27	3
14W65A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	24	30	3
14W65A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	30	2
14W65A0403	RT31048	LICA LAB	22	43	2
14W65A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	16	35	2
14W65A0404	RT31016	IPR & PATENTS	22	38	2
14W65A0404	RT31041	PULSE & DIGITAL CIRCUITS	13	5	0
14W65A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	44	3
14W65A0404	RT31043	CONTROL SYSTEMS	11	29	3
14W65A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	12	0
14W65A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	21	26	3
14W65A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	25	2
14W65A0404	RT31048	LICA LAB	5	24	0
14W65A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	14	24	2
14W65A0405	RT31016	IPR & PATENTS	21	40	2
14W65A0405	RT31041	PULSE & DIGITAL CIRCUITS	21	29	3
14W65A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	36	3
14W65A0405	RT31043	CONTROL SYSTEMS	14	9	0
14W65A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	14	11	0
14W65A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	20	1	0
14W65A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	17	36	2
14W65A0405	RT31048	LICA LAB	21	30	2
14W65A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	35	2
14W65A0406	RT31016	IPR & PATENTS	22	41	2
14W65A0406	RT31041	PULSE & DIGITAL CIRCUITS	24	24	3
14W65A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	28	3
14W65A0406	RT31043	CONTROL SYSTEMS	12	28	3
14W65A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	44	3
14W65A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	24	31	3
14W65A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	48	2
14W65A0406	RT31048	LICA LAB	15	47	2
14W65A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	36	2
14W65A0407	RT31016	IPR & PATENTS	23	44	2
14W65A0407	RT31041	PULSE & DIGITAL CIRCUITS	20	33	3
14W65A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	46	3
14W65A0407	RT31043	CONTROL SYSTEMS	21	46	3
14W65A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	36	3
14W65A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	25	29	3
14W65A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	47	2
14W65A0407	RT31048	LICA LAB	15	48	2
14W65A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
14W65A0408	RT31016	IPR & PATENTS	21	44	2
14W65A0408	RT31041	PULSE & DIGITAL CIRCUITS	21	28	3
14W65A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	13	28	3
14W65A0408	RT31043	CONTROL SYSTEMS	16	36	3
14W65A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	29	3
14W65A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	24	26	3
14W65A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
14W65A0408	RT31048	LICA LAB	21	44	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	37	2
14W65A0409	RT31016	IPR & PATENTS	22	43	2
14W65A0409	RT31041	PULSE & DIGITAL CIRCUITS	18	29	3
14W65A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	39	3
14W65A0409	RT31043	CONTROL SYSTEMS	14	38	3
14W65A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	29	3
14W65A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	23	10	0
14W65A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
14W65A0409	RT31048	LICA LAB	23	48	2
14W65A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	36	2
14W65A0410	RT31016	IPR & PATENTS	21	46	2
14W65A0410	RT31041	PULSE & DIGITAL CIRCUITS	24	56	3
14W65A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	54	3
14W65A0410	RT31043	CONTROL SYSTEMS	23	37	3
14W65A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	49	3
14W65A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	25	36	3
14W65A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
14W65A0410	RT31048	LICA LAB	24	50	2
14W65A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	42	2
14W65A0411	RT31016	IPR & PATENTS	22	47	2
14W65A0411	RT31041	PULSE & DIGITAL CIRCUITS	21	54	3
14W65A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	58	3
14W65A0411	RT31043	CONTROL SYSTEMS	22	48	3
14W65A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	48	3
14W65A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	24	43	3
14W65A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
14W65A0411	RT31048	LICA LAB	24	49	2
14W65A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
14W65A0412	RT31016	IPR & PATENTS	22	50	2
14W65A0412	RT31041	PULSE & DIGITAL CIRCUITS	16	15	0
14W65A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	15	37	3
14W65A0412	RT31043	CONTROL SYSTEMS	12	47	3
14W65A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	29	3
14W65A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	23	31	3
14W65A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	31	2
14W65A0412	RT31048	LICA LAB	5	25	2
14W65A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	30	2
14W65A0413	RT31016	IPR & PATENTS	19	34	2
14W65A0413	RT31041	PULSE & DIGITAL CIRCUITS	19	26	3
14W65A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	12	36	3
14W65A0413	RT31043	CONTROL SYSTEMS	8	32	3
14W65A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	18	0
14W65A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	23	35	3
14W65A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	25	2
14W65A0413	RT31048	LICA LAB	19	47	2
14W65A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	37	2
14W65A0414	RT31016	IPR & PATENTS	21	35	2
14W65A0414	RT31041	PULSE & DIGITAL CIRCUITS	24	46	3
14W65A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	48	3
14W65A0414	RT31043	CONTROL SYSTEMS	16	29	3
14W65A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	41	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	23	35	3
14W65A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	47	2
14W65A0414	RT31048	LICA LAB	21	50	2
14W65A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	39	2
14W65A0415	RT31016	IPR & PATENTS	22	44	2
14W65A0415	RT31041	PULSE & DIGITAL CIRCUITS	15	44	3
14W65A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	14	46	3
14W65A0415	RT31043	CONTROL SYSTEMS	13	36	3
14W65A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	33	3
14W65A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	22	43	3
14W65A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	13	40	2
14W65A0415	RT31048	LICA LAB	10	33	2
14W65A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	31	2
14W65A0416	RT31016	IPR & PATENTS	20	29	2
14W65A0416	RT31041	PULSE & DIGITAL CIRCUITS	18	9	0
14W65A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	8	32	3
14W65A0416	RT31043	CONTROL SYSTEMS	8	18	0
14W65A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	5	0
14W65A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	21	24	3
14W65A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	37	2
14W65A0416	RT31048	LICA LAB	12	41	2
14W65A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	35	2
14W65A0417	RT31016	IPR & PATENTS	5	-1	0
14W65A0417	RT31041	PULSE & DIGITAL CIRCUITS	0	-1	0
14W65A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	1	-1	0
14W65A0417	RT31043	CONTROL SYSTEMS	13	-1	0
14W65A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	0	-1	0
14W65A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	0	-1	0
14W65A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	11	-1	0
14W65A0417	RT31048	LICA LAB	0	-1	0
14W65A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	9	-1	0
14W65A0419	RT31016	IPR & PATENTS	22	41	2
14W65A0419	RT31041	PULSE & DIGITAL CIRCUITS	23	50	3
14W65A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	47	3
14W65A0419	RT31043	CONTROL SYSTEMS	14	30	3
14W65A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	47	3
14W65A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	24	29	3
14W65A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
14W65A0419	RT31048	LICA LAB	17	48	2
14W65A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
14W65A0420	RT31016	IPR & PATENTS	22	25	2
14W65A0420	RT31041	PULSE & DIGITAL CIRCUITS	24	41	3
14W65A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	0	24	0
14W65A0420	RT31043	CONTROL SYSTEMS	0	48	3
14W65A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	49	3
14W65A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	27	47	3
14W65A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	41	2
14W65A0420	RT31048	LICA LAB	20	49	2
14W65A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	41	2
14W65A0421	RT31016	IPR & PATENTS	22	45	2
14W65A0421	RT31041	PULSE & DIGITAL CIRCUITS	20	33	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0421	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	41	3
14W65A0421	RT31043	CONTROL SYSTEMS	14	44	3
14W65A0421	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	33	3
14W65A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	25	26	3
14W65A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	41	2
14W65A0421	RT31048	LICA LAB	20	42	2
14W65A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	40	2
14W65A0422	RT31016	IPR & PATENTS	22	40	2
14W65A0422	RT31041	PULSE & DIGITAL CIRCUITS	22	49	3
14W65A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	52	3
14W65A0422	RT31043	CONTROL SYSTEMS	16	31	3
14W65A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	26	3
14W65A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	22	37	3
14W65A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	46	2
14W65A0422	RT31048	LICA LAB	20	49	2
14W65A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	37	2
14W65A0423	RT31016	IPR & PATENTS	15	37	2
14W65A0423	RT31041	PULSE & DIGITAL CIRCUITS	18	42	3
14W65A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	29	3
14W65A0423	RT31043	CONTROL SYSTEMS	13	27	3
14W65A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	25	3
14W65A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	22	32	3
14W65A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
14W65A0423	RT31048	LICA LAB	21	49	2
14W65A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	39	2
14W65A0424	RT31016	IPR & PATENTS	22	35	2
14W65A0424	RT31041	PULSE & DIGITAL CIRCUITS	22	52	3
14W65A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	49	3
14W65A0424	RT31043	CONTROL SYSTEMS	19	47	3
14W65A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	51	3
14W65A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	23	45	3
14W65A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
14W65A0424	RT31048	LICA LAB	19	46	2
14W65A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	34	2
14W65A0426	RT31016	IPR & PATENTS	23	44	2
14W65A0426	RT31041	PULSE & DIGITAL CIRCUITS	21	29	3
14W65A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	17	53	3
14W65A0426	RT31043	CONTROL SYSTEMS	21	40	3
14W65A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	37	3
14W65A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	27	30	3
14W65A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
14W65A0426	RT31048	LICA LAB	23	49	2
14W65A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	34	2
14W65A0428	RT31016	IPR & PATENTS	21	31	2
14W65A0428	RT31041	PULSE & DIGITAL CIRCUITS	22	31	3
14W65A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	43	3
14W65A0428	RT31043	CONTROL SYSTEMS	18	26	3
14W65A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	29	3
14W65A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	23	34	3
14W65A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	36	2
14W65A0428	RT31048	LICA LAB	18	47	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	36	2
14W65A0429	RT31016	IPR & PATENTS	22	32	2
14W65A0429	RT31041	PULSE & DIGITAL CIRCUITS	20	39	3
14W65A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	12	35	3
14W65A0429	RT31043	CONTROL SYSTEMS	12	9	0
14W65A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	24	3
14W65A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	15	28	3
14W65A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	19	32	2
14W65A0429	RT31048	LICA LAB	12	28	2
14W65A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	18	31	2
14W65A0430	RT31016	IPR & PATENTS	21	25	2
14W65A0430	RT31041	PULSE & DIGITAL CIRCUITS	19	52	3
14W65A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	49	3
14W65A0430	RT31043	CONTROL SYSTEMS	17	36	3
14W65A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	33	3
14W65A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	21	33	3
14W65A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	35	2
14W65A0430	RT31048	LICA LAB	18	45	2
14W65A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	30	2
14W65A0431	RT31016	IPR & PATENTS	24	49	2
14W65A0431	RT31041	PULSE & DIGITAL CIRCUITS	23	49	3
14W65A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	62	3
14W65A0431	RT31043	CONTROL SYSTEMS	19	45	3
14W65A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	46	3
14W65A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	24	33	3
14W65A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	49	2
14W65A0431	RT31048	LICA LAB	24	49	2
14W65A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
14W65A0432	RT31016	IPR & PATENTS	22	38	2
14W65A0432	RT31041	PULSE & DIGITAL CIRCUITS	25	43	3
14W65A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	61	3
14W65A0432	RT31043	CONTROL SYSTEMS	18	29	3
14W65A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	26	3
14W65A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	18	24	3
14W65A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	49	2
14W65A0432	RT31048	LICA LAB	23	49	2
14W65A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	38	2
14W65A0433	RT31016	IPR & PATENTS	21	38	2
14W65A0433	RT31041	PULSE & DIGITAL CIRCUITS	21	32	3
14W65A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	16	32	3
14W65A0433	RT31043	CONTROL SYSTEMS	23	24	3
14W65A0433	RT31044	DIGITAL SYSTEM DESIGN & DICA	20	12	0
14W65A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	24	35	3
14W65A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
14W65A0433	RT31048	LICA LAB	22	49	2
14W65A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	36	2
14W65A0434	RT31016	IPR & PATENTS	21	29	2
14W65A0434	RT31041	PULSE & DIGITAL CIRCUITS	23	46	3
14W65A0434	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	49	3
14W65A0434	RT31043	CONTROL SYSTEMS	21	42	3
14W65A0434	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	26	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	25	43	3
14W65A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
14W65A0434	RT31048	LICA LAB	20	49	2
14W65A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	41	2
14W65A0435	RT31016	IPR & PATENTS	22	44	2
14W65A0435	RT31041	PULSE & DIGITAL CIRCUITS	24	47	3
14W65A0435	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	63	3
14W65A0435	RT31043	CONTROL SYSTEMS	24	62	3
14W65A0435	RT31044	DIGITAL SYSTEM DESIGN & DICA	24	40	3
14W65A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	23	44	3
14W65A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	49	2
14W65A0435	RT31048	LICA LAB	23	50	2
14W65A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
14W65A0501	RT31051	COMPILER DESIGN	27	43	3
14W65A0501	RT31052	DATA COMMUNICATION	24	31	3
14W65A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	39	3
14W65A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	26	41	3
14W65A0501	RT31055	OPERATING SYSTEMS	25	49	3
14W65A0501	RT31056	COMPILER DESIGN LAB	25	48	2
14W65A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
14W65A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	49	2
14W65A0501	RT31059	SEMINAR	49	0	1
14W65A0502	RT31051	COMPILER DESIGN	25	31	3
14W65A0502	RT31052	DATA COMMUNICATION	19	24	3
14W65A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	24	3
14W65A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	21	31	3
14W65A0502	RT31055	OPERATING SYSTEMS	22	40	3
14W65A0502	RT31056	COMPILER DESIGN LAB	25	47	2
14W65A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
14W65A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	49	2
14W65A0502	RT31059	SEMINAR	49	0	1
14W65A0503	RT31051	COMPILER DESIGN	16	16	0
14W65A0503	RT31052	DATA COMMUNICATION	15	25	3
14W65A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	24	3
14W65A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	17	9	0
14W65A0503	RT31055	OPERATING SYSTEMS	19	11	0
14W65A0503	RT31056	COMPILER DESIGN LAB	20	37	2
14W65A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	41	2
14W65A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
14W65A0503	RT31059	SEMINAR	42	0	1
14W65A0504	RT31051	COMPILER DESIGN	18	24	3
14W65A0504	RT31052	DATA COMMUNICATION	22	29	3
14W65A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	25	3
14W65A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	20	33	3
14W65A0504	RT31055	OPERATING SYSTEMS	21	44	3
14W65A0504	RT31056	COMPILER DESIGN LAB	22	41	2
14W65A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
14W65A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
14W65A0504	RT31059	SEMINAR	41	0	1
14W65A0505	RT31051	COMPILER DESIGN	23	45	3
14W65A0505	RT31052	DATA COMMUNICATION	23	27	3

Htno	Subcode	Subname	Internal	External	credits
14W65A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	28	3
14W65A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	25	35	3
14W65A0505	RT31055	OPERATING SYSTEMS	23	41	3
14W65A0505	RT31056	COMPILER DESIGN LAB	23	44	2
14W65A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	42	2
14W65A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
14W65A0505	RT31059	SEMINAR	46	0	1
14W65A0506	RT31051	COMPILER DESIGN	25	43	3
14W65A0506	RT31052	DATA COMMUNICATION	23	55	3
14W65A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	39	3
14W65A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	24	46	3
14W65A0506	RT31055	OPERATING SYSTEMS	24	58	3
14W65A0506	RT31056	COMPILER DESIGN LAB	25	47	2
14W65A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
14W65A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	49	2
14W65A0506	RT31059	SEMINAR	49	0	1
14W65A0507	RT31051	COMPILER DESIGN	11	29	3
14W65A0507	RT31052	DATA COMMUNICATION	19	34	3
14W65A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	14	26	3
14W65A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	17	11	0
14W65A0507	RT31055	OPERATING SYSTEMS	18	11	0
14W65A0507	RT31056	COMPILER DESIGN LAB	20	32	2
14W65A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	43	2
14W65A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
14W65A0507	RT31059	SEMINAR	40	0	1
14W65A0508	RT31051	COMPILER DESIGN	22	67	3
14W65A0508	RT31052	DATA COMMUNICATION	21	28	3
14W65A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	26	3
14W65A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	21	39	3
14W65A0508	RT31055	OPERATING SYSTEMS	22	47	3
14W65A0508	RT31056	COMPILER DESIGN LAB	23	44	2
14W65A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
14W65A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
14W65A0508	RT31059	SEMINAR	46	0	1
14W65A0509	RT31051	COMPILER DESIGN	20	49	3
14W65A0509	RT31052	DATA COMMUNICATION	25	39	3
14W65A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	39	3
14W65A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	22	33	3
14W65A0509	RT31055	OPERATING SYSTEMS	23	49	3
14W65A0509	RT31056	COMPILER DESIGN LAB	22	43	2
14W65A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
14W65A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
14W65A0509	RT31059	SEMINAR	45	0	1
14W65A0510	RT31051	COMPILER DESIGN	25	49	3
14W65A0510	RT31052	DATA COMMUNICATION	23	51	3
14W65A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	41	3
14W65A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	21	41	3
14W65A0510	RT31055	OPERATING SYSTEMS	23	37	3
14W65A0510	RT31056	COMPILER DESIGN LAB	24	47	2
14W65A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14W65A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	47	2

Htno	Subcode	Subname	Internal	External	credits
14W65A0510	RT31059	SEMINAR	46	0	1
14W65A0511	RT31051	COMPILER DESIGN	21	55	3
14W65A0511	RT31052	DATA COMMUNICATION	24	49	3
14W65A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	36	3
14W65A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	21	32	3
14W65A0511	RT31055	OPERATING SYSTEMS	23	29	3
14W65A0511	RT31056	COMPILER DESIGN LAB	22	43	2
14W65A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14W65A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
14W65A0511	RT31059	SEMINAR	45	0	1
14W65A0512	RT31051	COMPILER DESIGN	26	47	3
14W65A0512	RT31052	DATA COMMUNICATION	23	51	3
14W65A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	36	3
14W65A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	23	34	3
14W65A0512	RT31055	OPERATING SYSTEMS	23	60	3
14W65A0512	RT31056	COMPILER DESIGN LAB	25	48	2
14W65A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
14W65A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	49	2
14W65A0512	RT31059	SEMINAR	49	0	1
14W65A0513	RT31051	COMPILER DESIGN	21	52	3
14W65A0513	RT31052	DATA COMMUNICATION	22	32	3
14W65A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	34	3
14W65A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	23	29	3
14W65A0513	RT31055	OPERATING SYSTEMS	23	51	3
14W65A0513	RT31056	COMPILER DESIGN LAB	23	45	2
14W65A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
14W65A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
14W65A0513	RT31059	SEMINAR	45	0	1

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

**** Note:****

- * -1 in the filed of externals indicates student absent for the respective subject.
- * -2 in the filed of externals indicates student Withheld for the respective subject.
- * -3 in the filed of externals indicates student Malpractice for the respective subject.



Date:02-02-2016

Controller of Examinations