



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech I Semester Regular/Supplementary Examination Nov-2017
College: BABA INSTITUTE OF TECHNOLOGY & SCIENCES, BAKKANAPALEM, VIZAG:NR

Htno	Subcode	Subname	Internal	External	Credits
10NR1A0220	R31026	LINEAR & DIGITAL IC APPLICATION	21	23	0
10NR1A0225	R31024	POWER ELECTRONICS	15	-1	0
10NR1A0225	R31025	ELECTRICAL MACHINES-III	18	-1	0
10NR1A0225	R31026	LINEAR & DIGITAL IC APPLICATION	15	-1	0
10NR1A0229	R31026	LINEAR & DIGITAL IC APPLICATION	20	-1	0
10NR1A0244	R31026	LINEAR & DIGITAL IC APPLICATION	21	-1	0
10NR1A0250	R31023	POWER SYSTEMS-II	21	21	0
10NR1A0511	R31052	COMPUTER NETWORKS	19	17	0
10NR1A0516	R31051	COMPILER DESIGN	16	-1	0
10NR1A0516	R31052	COMPUTER NETWORKS	16	-1	0
10NR1A0516	R31053	ADVANCED DATA STRUCTURES	18	-1	0
10NR1A0516	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	-1	0
10NR1A0516	R31056	OPERATIONG SYSTEMS	16	-1	0
10NR1A0557	R31052	COMPUTER NETWORKS	14	12	0
10NR1A0557	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	0	-1	0
11NR1A0372	R31032	OPERATIONS RESEARCH	15	19	0
11NR1A0373	R31036	METAL CUTTING & MACHINE TOOLS	8	-1	0
11NR1A0409	R31042	DIGITAL IC APPLICATIONS	10	11	0
11NR1A0409	R31043	LINEAR IC APPLICATIONS	15	0	0
11NR1A0409	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	15	9	0
11NR1A0422	R31042	DIGITAL IC APPLICATIONS	20	-1	0
11NR1A0432	R31042	DIGITAL IC APPLICATIONS	20	14	0
11NR1A0454	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	14	0	0
11NR1A0454	R31042	DIGITAL IC APPLICATIONS	17	8	0
11NR1A0454	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	19	6	0
11NR1A0454	R31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
11NR1A0454	R31046	DIGITAL COMMUNICATIONS	15	-1	0
11NR1A0518	R31053	ADVANCED DATA STRUCTURES	17	0	0
11NR1A0518	R31054	COMPUTER GRAPHICS	17	1	0
11NR1A0518	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	13	6	0
11NR1A0529	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	23	-1	0
11NR1A0531	R31055	MICRO PROCESSORS AND MULTICORE SYSTEMS	22	6	0
12NR1A0205	R31025	ELECTRICAL MACHINES-III	16	38	4
12NR1A0315	R31031	FINITE ELEMENT METHODS	14	-1	0
12NR1A0315	R31035	DESIGN OF MACHINE MEMBERS-I	7	16	0
12NR1A0328	R31032	OPERATIONS RESEARCH	16	-1	0
12NR1A0336	R31032	OPERATIONS RESEARCH	10	-1	0
12NR1A0336	R31036	METAL CUTTING & MACHINE TOOLS	14	-1	0
12NR1A0405	R31043	LINEAR IC APPLICATIONS	22	18	0
12NR1A0406	R31043	LINEAR IC APPLICATIONS	22	7	0
12NR1A0406	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	8	0
12NR1A0406	R31046	DIGITAL COMMUNICATIONS	22	9	0
12NR1A0418	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	22	35	4
12NR1A0424	R31046	DIGITAL COMMUNICATIONS	16	31	4

Htno	Subcode	Subname	Internal	External	Credits
13NR1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	13	0	0
13NR1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	11	9	0
13NR1A0110	RT31012	STRUCTURAL ANALYSIS-II	11	10	0
13NR1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	16	0
13NR1A0114	RT31011	GEOTECHNICAL ENGINEERING-I	14	30	3
13NR1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	14	18	0
13NR1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	50	3
13NR1A0126	RT31015	TRANSPORTATION ENGINEERING-I	20	29	3
13NR1A0145	RT31011	GEOTECHNICAL ENGINEERING-I	17	12	0
13NR1A0145	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	31	3
13NR1A0156	RT31011	GEOTECHNICAL ENGINEERING-I	22	9	0
13NR1A0173	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	12	31	3
13NR1A0174	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	38	3
13NR1A0212	RT31021	ELECTRICAL MEASUREMENTS	25	28	3
13NR1A0212	RT31024	ELECTRICAL MACHINES-III	24	3	0
13NR1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	20	0
13NR1A0223	RT31016	IPR & PATENTS	21	31	2
13NR1A0223	RT31021	ELECTRICAL MEASUREMENTS	19	0	0
13NR1A0223	RT31022	MEFA	22	34	3
13NR1A0223	RT31023	POWER SYSTEMS-II	18	2	0
13NR1A0223	RT31024	ELECTRICAL MACHINES-III	16	0	0
13NR1A0223	RT31025	POWER ELECTRONICS	18	0	0
13NR1A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	0	0
13NR1A0223	RT31027	ELECTRICAL MACHINES-II LAB	15	35	2
13NR1A0223	RT31028	CONTROL SYSTEMS LAB	17	25	2
13NR1A0227	RT31025	POWER ELECTRONICS	23	7	0
13NR1A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	28	3
13NR1A0232	RT31021	ELECTRICAL MEASUREMENTS	18	6	0
13NR1A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	16	0
13NR1A0238	RT31022	MEFA	22	17	0
13NR1A0248	RT31021	ELECTRICAL MEASUREMENTS	16	26	3
13NR1A0248	RT31023	POWER SYSTEMS-II	16	26	3
13NR1A0248	RT31024	ELECTRICAL MACHINES-III	19	40	3
13NR1A0248	RT31025	POWER ELECTRONICS	6	26	0
13NR1A0248	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	0	0
13NR1A0317	RT31031	DYNAMICS OF MACHINERY	10	14	0
13NR1A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	23	23	0
13NR1A0345	RT31035	THERMAL ENGINEERING-II	16	14	0
13NR1A0358	RT31016	IPR & PATENTS	5	4	0
13NR1A0358	RT31031	DYNAMICS OF MACHINERY	19	0	0
13NR1A0358	RT31033	DESIGN OF MACHINE MEMBERS-I	5	3	0
13NR1A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	7	5	0
13NR1A0358	RT31035	THERMAL ENGINEERING-II	8	6	0
13NR1A0358	RT31036	METROLOGY	8	0	0
13NR1A0370	RT31031	DYNAMICS OF MACHINERY	17	15	0
13NR1A0375	RT31035	THERMAL ENGINEERING-II	27	33	3
13NR1A0383	RT31032	METAL CUTTING & MACHINE TOOLS	22	7	0
13NR1A0383	RT31035	THERMAL ENGINEERING-II	26	7	0
13NR1A0383	RT31036	METROLOGY	23	2	0
13NR1A0389	RT31031	DYNAMICS OF MACHINERY	20	31	3

Htno	Subcode	Subname	Internal	External	Credits
13NR1A0389	RT31032	METAL CUTTING & MACHINE TOOLS	19	28	3
13NR1A0389	RT31033	DESIGN OF MACHINE MEMBERS-I	24	44	3
13NR1A0389	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	2	0
13NR1A0389	RT31036	METROLOGY	24	27	3
13NR1A0396	RT31031	DYNAMICS OF MACHINERY	22	12	0
13NR1A0396	RT31035	THERMAL ENGINEERING-II	21	16	0
13NR1A0398	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	18	0
13NR1A0399	RT31035	THERMAL ENGINEERING-II	27	17	0
13NR1A03A1	RT31035	THERMAL ENGINEERING-II	27	21	0
13NR1A03A1	RT31036	METROLOGY	23	14	0
13NR1A03B3	RT31033	DESIGN OF MACHINE MEMBERS-I	11	4	0
13NR1A03B3	RT31035	THERMAL ENGINEERING-II	25	10	0
13NR1A03B3	RT31036	METROLOGY	3	10	0
13NR1A0401	RT31041	PULSE & DIGITAL CIRCUITS	19	20	0
13NR1A0408	RT31043	CONTROL SYSTEMS	22	30	3
13NR1A0415	RT31041	PULSE & DIGITAL CIRCUITS	21	20	0
13NR1A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	11	0
13NR1A0422	RT31041	PULSE & DIGITAL CIRCUITS	19	3	0
13NR1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	18	15	0
13NR1A0433	RT31041	PULSE & DIGITAL CIRCUITS	19	-1	0
13NR1A0433	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	20	48	3
13NR1A0433	RT31043	CONTROL SYSTEMS	19	2	0
13NR1A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	18	0	0
13NR1A0438	RT31041	PULSE & DIGITAL CIRCUITS	21	8	0
13NR1A0438	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	17	0
13NR1A0438	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	11	0
13NR1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	17	0	0
13NR1A0441	RT31041	PULSE & DIGITAL CIRCUITS	21	-1	0
13NR1A0441	RT31043	CONTROL SYSTEMS	23	-1	0
13NR1A0441	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	-1	0
13NR1A0444	RT31045	ANTENNAS AND WAVE PROPAGATION	21	6	0
13NR1A0448	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	5	0
13NR1A0448	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	6	0
13NR1A0473	RT31043	CONTROL SYSTEMS	21	5	0
13NR1A0474	RT31041	PULSE & DIGITAL CIRCUITS	19	0	0
13NR1A0474	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	5	0
13NR1A0476	RT31044	DIGITAL SYSTEM DESIGN & DICA	19	9	0
13NR1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	26	32	3
13NR1A0519	RT31051	COMPILER DESIGN	21	18	0
13NR1A0527	RT31051	COMPILER DESIGN	23	4	0
13NR1A0562	RT31051	COMPILER DESIGN	19	16	0
13NR1A0562	RT31054	DATABASE MANAGEMENT SYSTEMS	22	4	0
13NR1A0562	RT31055	OPERATING SYSTEMS	17	-1	0
13NR1A0565	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	17	24	3
13NR1A0565	RT31054	DATABASE MANAGEMENT SYSTEMS	17	13	0
13NR5A0151	R31011	DESIGN & DRAWING OF CONCRETE STRUCTURES	23	15	0
13NR5A0151	R31013	CONCRETE TECHNOLOGY	15	28	4
13NR5A0151	R31014	WATER RESOURCES ENGINEERING-I	11	8	0
13NR5A0151	R31015	STRUCTURAL ANALYSIS-II	15	-1	0
13NR5A0151	R31016	TRANSPORATION ENGINEERING-I	16	32	4

Htno	Subcode	Subname	Internal	External	Credits
13NR5A0157	R31015	STRUCTURAL ANALYSIS-II	11	0	0
13NR5A0169	R31014	WATER RESOURCES ENGINEERING-I	8	20	0
13NR5A0169	R31016	TRANSPORATION ENGINEERING-I	14	43	4
13NR5A0208	R31024	POWER ELECTRONICS	17	28	4
13NR5A0239	R31024	POWER ELECTRONICS	25	31	4
13NR5A0348	R31033	DYNAMICS OF MACHINERY	20	0	0
13NR5A0357	R31031	FINITE ELEMENT METHODS	16	18	0
13NR5A0357	R31033	DYNAMICS OF MACHINERY	3	-1	0
13NR5A0357	R31034	THERMAL ENGINEERING-II	16	11	0
13NR5A0364	R31031	FINITE ELEMENT METHODS	6	37	4
13NR5A0364	R31036	METAL CUTTING & MACHINE TOOLS	10	38	4
13NR5A0369	R31033	DYNAMICS OF MACHINERY	18	-1	0
13NR5A0369	R31036	METAL CUTTING & MACHINE TOOLS	12	16	0
13NR5A0382	R31031	FINITE ELEMENT METHODS	19	-1	0
13NR5A0382	R31032	OPERATIONS RESEARCH	15	-1	0
13NR5A0408	R31042	DIGITAL IC APPLICATIONS	20	19	0
13NR5A0415	R31043	LINEAR IC APPLICATIONS	19	8	0
13NR5A0415	R31044	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	0	0
13NR5A0419	R31041	COMPUTER ARCHITECTURE & ORGANIZATION	17	25	0
14NR1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	17	39	3
14NR1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	26	3
14NR1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	18	25	3
14NR1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	36	3
14NR1A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	31	3
14NR1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	12	0	0
14NR1A0125	RT31012	STRUCTURAL ANALYSIS-II	19	-1	0
14NR1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	-1	0
14NR1A0125	RT31015	TRANSPORTATION ENGINEERING-I	22	16	0
14NR1A0135	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	27	3
14NR1A0138	RT31016	IPR & PATENTS	24	5	0
14NR1A0145	RT31011	GEOTECHNICAL ENGINEERING-I	10	0	0
14NR1A0145	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	31	3
14NR1A0145	RT31016	IPR & PATENTS	26	33	2
14NR1A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	32	3
14NR1A0206	RT31023	POWER SYSTEMS-II	20	7	0
14NR1A0206	RT31025	POWER ELECTRONICS	15	5	0
14NR1A0207	RT31021	ELECTRICAL MEASUREMENTS	21	41	3
14NR1A0208	RT31021	ELECTRICAL MEASUREMENTS	19	4	0
14NR1A0208	RT31024	ELECTRICAL MACHINES-III	19	-1	0
14NR1A0212	RT31021	ELECTRICAL MEASUREMENTS	20	27	3
14NR1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	4	-1	0
14NR1A0219	RT31025	POWER ELECTRONICS	17	4	0
14NR1A0224	RT31021	ELECTRICAL MEASUREMENTS	17	4	0
14NR1A0302	RT31031	DYNAMICS OF MACHINERY	14	7	0
14NR1A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	15	14	0
14NR1A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	15	0
14NR1A0302	RT31035	THERMAL ENGINEERING-II	8	12	0
14NR1A0302	RT31036	METROLOGY	10	0	0
14NR1A0307	RT31036	METROLOGY	23	34	3
14NR1A0311	RT31031	DYNAMICS OF MACHINERY	9	0	0

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	16	4	0
14NR1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	37	3
14NR1A0311	RT31035	THERMAL ENGINEERING-II	21	10	0
14NR1A0321	RT31031	DYNAMICS OF MACHINERY	14	41	3
14NR1A0321	RT31035	THERMAL ENGINEERING-II	7	0	0
14NR1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	19	26	3
14NR1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	-1	0
14NR1A0327	RT31035	THERMAL ENGINEERING-II	27	0	0
14NR1A0327	RT31036	METROLOGY	22	4	0
14NR1A0328	RT31031	DYNAMICS OF MACHINERY	13	-1	0
14NR1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	13	15	0
14NR1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	16	2	0
14NR1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	8	2	0
14NR1A0328	RT31035	THERMAL ENGINEERING-II	20	8	0
14NR1A0328	RT31036	METROLOGY	12	0	0
14NR1A0329	RT31031	DYNAMICS OF MACHINERY	12	7	0
14NR1A0329	RT31032	METAL CUTTING & MACHINE TOOLS	17	9	0
14NR1A0329	RT31035	THERMAL ENGINEERING-II	22	13	0
14NR1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	17	17	0
14NR1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	22	0
14NR1A0338	RT31035	THERMAL ENGINEERING-II	26	-1	0
14NR1A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	18	31	3
14NR1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	0	0
14NR1A0341	RT31035	THERMAL ENGINEERING-II	25	0	0
14NR1A0342	RT31031	DYNAMICS OF MACHINERY	17	9	0
14NR1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	6	19	0
14NR1A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	16	-1	0
14NR1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	0	0
14NR1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	25	29	3
14NR1A0344	RT31035	THERMAL ENGINEERING-II	28	10	0
14NR1A0347	RT31031	DYNAMICS OF MACHINERY	14	39	3
14NR1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	14	4	0
14NR1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	24	3
14NR1A0350	RT31035	THERMAL ENGINEERING-II	29	0	0
14NR1A0350	RT31036	METROLOGY	21	4	0
14NR1A0351	RT31031	DYNAMICS OF MACHINERY	25	25	3
14NR1A0353	RT31035	THERMAL ENGINEERING-II	27	-1	0
14NR1A0356	RT31031	DYNAMICS OF MACHINERY	14	26	3
14NR1A0356	RT31032	METAL CUTTING & MACHINE TOOLS	16	6	0
14NR1A0356	RT31033	DESIGN OF MACHINE MEMBERS-I	13	6	0
14NR1A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	25	3
14NR1A0356	RT31035	THERMAL ENGINEERING-II	8	7	0
14NR1A0356	RT31036	METROLOGY	17	26	3
14NR1A0365	RT31032	METAL CUTTING & MACHINE TOOLS	11	7	0
14NR1A0365	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	9	40	3
14NR1A0365	RT31035	THERMAL ENGINEERING-II	8	0	0
14NR1A0366	RT31035	THERMAL ENGINEERING-II	26	38	3
14NR1A0369	RT31031	DYNAMICS OF MACHINERY	14	11	0
14NR1A0369	RT31032	METAL CUTTING & MACHINE TOOLS	17	25	3
14NR1A0369	RT31035	THERMAL ENGINEERING-II	17	9	0

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0370	RT31032	METAL CUTTING & MACHINE TOOLS	10	2	0
14NR1A0370	RT31033	DESIGN OF MACHINE MEMBERS-I	12	5	0
14NR1A0370	RT31036	METROLOGY	16	2	0
14NR1A0371	RT31032	METAL CUTTING & MACHINE TOOLS	19	15	0
14NR1A0371	RT31033	DESIGN OF MACHINE MEMBERS-I	14	8	0
14NR1A0380	RT31016	IPR & PATENTS	14	25	0
14NR1A0380	RT31031	DYNAMICS OF MACHINERY	17	20	0
14NR1A0380	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	3	0
14NR1A0380	RT31035	THERMAL ENGINEERING-II	21	9	0
14NR1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	22	53	3
14NR1A0405	RT31041	PULSE & DIGITAL CIRCUITS	21	14	0
14NR1A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	28	3
14NR1A0406	RT31041	PULSE & DIGITAL CIRCUITS	19	14	0
14NR1A0406	RT31043	CONTROL SYSTEMS	24	43	3
14NR1A0408	RT31041	PULSE & DIGITAL CIRCUITS	18	10	0
14NR1A0408	RT31043	CONTROL SYSTEMS	18	16	0
14NR1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	25	0	0
14NR1A0409	RT31041	PULSE & DIGITAL CIRCUITS	24	13	0
14NR1A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	13	0
14NR1A0410	RT31016	IPR & PATENTS	7	41	2
14NR1A0410	RT31041	PULSE & DIGITAL CIRCUITS	17	15	0
14NR1A0410	RT31043	CONTROL SYSTEMS	18	28	3
14NR1A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	16	13	0
14NR1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	25	34	3
14NR1A0416	RT31041	PULSE & DIGITAL CIRCUITS	22	3	0
14NR1A0416	RT31043	CONTROL SYSTEMS	25	5	0
14NR1A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	11	0
14NR1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	22	9	0
14NR1A0418	RT31041	PULSE & DIGITAL CIRCUITS	19	-1	0
14NR1A0418	RT31043	CONTROL SYSTEMS	19	-1	0
14NR1A0420	RT31041	PULSE & DIGITAL CIRCUITS	23	0	0
14NR1A0420	RT31043	CONTROL SYSTEMS	19	6	0
14NR1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	35	3
14NR1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	28	33	3
14NR1A0424	RT31043	CONTROL SYSTEMS	21	24	3
14NR1A0426	RT31041	PULSE & DIGITAL CIRCUITS	18	-1	0
14NR1A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	0	0
14NR1A0426	RT31043	CONTROL SYSTEMS	17	-1	0
14NR1A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	12	0	0
14NR1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	17	0	0
14NR1A0427	RT31041	PULSE & DIGITAL CIRCUITS	26	14	0
14NR1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	19	16	0
14NR1A0435	RT31043	CONTROL SYSTEMS	23	49	3
14NR1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	25	37	3
14NR1A0444	RT31043	CONTROL SYSTEMS	20	18	0
14NR1A0445	RT31041	PULSE & DIGITAL CIRCUITS	21	11	0
14NR1A0506	RT31051	COMPILER DESIGN	9	10	0
14NR1A0506	RT31052	DATA COMMUNICATION	9	2	0
14NR1A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	10	34	3
14NR1A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	16	3	0

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0506	RT31055	OPERATING SYSTEMS	10	6	0
14NR1A0506	RT31056	COMPILER DESIGN LAB	10	42	2
14NR1A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	10	40	2
14NR1A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	10	45	2
14NR1A0507	RT31051	COMPILER DESIGN	18	26	3
14NR1A0509	RT31051	COMPILER DESIGN	15	3	0
14NR1A0509	RT31052	DATA COMMUNICATION	13	39	3
14NR1A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	13	42	3
14NR1A0512	RT31051	COMPILER DESIGN	10	-1	0
14NR1A0512	RT31052	DATA COMMUNICATION	11	-1	0
14NR1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	16	-1	0
14NR1A0512	RT31055	OPERATING SYSTEMS	17	19	0
14NR1A0515	RT31051	COMPILER DESIGN	19	16	0
14NR1A0518	RT31051	COMPILER DESIGN	15	6	0
14NR1A0525	RT31051	COMPILER DESIGN	26	4	0
14NR1A0525	RT31052	DATA COMMUNICATION	17	6	0
14NR1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	3	0
14NR1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	29	34	3
14NR1A0525	RT31055	OPERATING SYSTEMS	24	0	0
14NR1A0525	RT31056	COMPILER DESIGN LAB	22	45	2
14NR1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
14NR1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
14NR1A0525	RT31059	SEMINAR	48	0	1
14NR1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	25	30	3
14NR1A0528	RT31051	COMPILER DESIGN	20	36	3
14NR1A0531	RT31051	COMPILER DESIGN	16	25	3
14NR1A0531	RT31055	OPERATING SYSTEMS	15	25	3
14NR1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	18	22	0
14NR1A0536	RT31051	COMPILER DESIGN	16	8	0
14NR1A0538	RT31051	COMPILER DESIGN	17	15	0
14NR1A0538	RT31054	DATABASE MANAGEMENT SYSTEMS	27	54	3
14NR1A0538	RT31056	COMPILER DESIGN LAB	12	42	2
14NR1A0539	RT31055	OPERATING SYSTEMS	21	15	0
14NR1A0543	RT31051	COMPILER DESIGN	20	12	0
14NR1A0549	RT31051	COMPILER DESIGN	18	33	3
14NR1A0549	RT31054	DATABASE MANAGEMENT SYSTEMS	20	42	3
14NR1A0551	RT31051	COMPILER DESIGN	17	20	0
14NR1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	27	3
14NR1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	20	32	3
14NR1A0554	RT31055	OPERATING SYSTEMS	21	13	0
14NR1A0555	RT31051	COMPILER DESIGN	14	0	0
14NR5A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	25	3
14NR5A0114	RT31011	GEOTECHNICAL ENGINEERING-I	19	17	0
14NR5A0117	RT31011	GEOTECHNICAL ENGINEERING-I	15	23	0
14NR5A0117	RT31015	TRANSPORTATION ENGINEERING-I	10	21	0
14NR5A0125	RT31011	GEOTECHNICAL ENGINEERING-I	11	0	0
14NR5A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	31	3
14NR5A0154	RT31011	GEOTECHNICAL ENGINEERING-I	18	17	0
14NR5A0154	RT31012	STRUCTURAL ANALYSIS-II	19	10	0
14NR5A0154	RT31014	ENGINEERING GEOLOGY	15	33	3

Htno	Subcode	Subname	Internal	External	Credits
14NR5A0154	RT31016	IPR & PATENTS	8	25	0
14NR5A0203	RT31021	ELECTRICAL MEASUREMENTS	17	-1	0
14NR5A0203	RT31025	POWER ELECTRONICS	19	0	0
14NR5A0211	RT31022	MEFA	19	-1	0
14NR5A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	0	0
14NR5A0217	RT31021	ELECTRICAL MEASUREMENTS	20	42	3
14NR5A0219	RT31021	ELECTRICAL MEASUREMENTS	16	5	0
14NR5A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	8	0
14NR5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
14NR5A0306	RT31035	THERMAL ENGINEERING-II	25	-1	0
14NR5A0308	RT31031	DYNAMICS OF MACHINERY	16	10	0
14NR5A0314	RT31016	IPR & PATENTS	22	27	2
14NR5A0314	RT31031	DYNAMICS OF MACHINERY	8	32	3
14NR5A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	35	3
14NR5A0314	RT31035	THERMAL ENGINEERING-II	19	30	3
14NR5A0315	RT31031	DYNAMICS OF MACHINERY	19	9	0
14NR5A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	37	3
14NR5A0321	RT31031	DYNAMICS OF MACHINERY	22	48	3
14NR5A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	23	15	0
14NR5A0405	RT31043	CONTROL SYSTEMS	18	11	0
14NR5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	13	12	0
14NR5A0411	RT31043	CONTROL SYSTEMS	3	27	0
14NR5A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	42	3
14NR5A0412	RT31043	CONTROL SYSTEMS	24	33	3
14NR5A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	22	3	0
14NR5A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	19	0	0
14NR5A0414	RT31043	CONTROL SYSTEMS	19	11	0
14NR5A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	12	27	0
14NR5A0419	RT31041	PULSE & DIGITAL CIRCUITS	20	4	0
14NR5A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	0	0
14NR5A0419	RT31043	CONTROL SYSTEMS	21	3	0
14NR5A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	12	0
14NR5A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	12	5	0
14NR5A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	18	38	3
14NR5A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	15	33	3
14NR5A0436	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	18	8	0
14NR5A0436	RT31043	CONTROL SYSTEMS	23	4	0
14NR5A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	5	11	0
14NR5A0438	RT31041	PULSE & DIGITAL CIRCUITS	21	-1	0
14NR5A0438	RT31043	CONTROL SYSTEMS	19	3	0
14NR5A0513	RT31051	COMPILER DESIGN	19	-1	0
14NR5A0513	RT31052	DATA COMMUNICATION	20	-1	0
14NR5A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	-1	0
14NR5A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	16	-1	0
14NR5A0513	RT31055	OPERATING SYSTEMS	19	-1	0
15NR1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	23	33	3
15NR1A0101	RT31012	STRUCTURAL ANALYSIS-II	18	32	3
15NR1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	25	3
15NR1A0101	RT31014	ENGINEERING GEOLOGY	27	25	3
15NR1A0101	RT31015	TRANSPORTATION ENGINEERING-I	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0101	RT31016	IPR & PATENTS	24	24	2
15NR1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	18	46	2
15NR1A0101	RT31018	ENGINEERING GEOLOGY LAB	18	34	2
15NR1A0102	RT31011	GEOTECHNICAL ENGINEERING-I	24	35	3
15NR1A0102	RT31012	STRUCTURAL ANALYSIS-II	21	46	3
15NR1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	34	3
15NR1A0102	RT31014	ENGINEERING GEOLOGY	23	25	3
15NR1A0102	RT31015	TRANSPORTATION ENGINEERING-I	25	31	3
15NR1A0102	RT31016	IPR & PATENTS	24	25	2
15NR1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	19	46	2
15NR1A0102	RT31018	ENGINEERING GEOLOGY LAB	18	40	2
15NR1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
15NR1A0103	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15NR1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15NR1A0103	RT31014	ENGINEERING GEOLOGY	0	-1	0
15NR1A0103	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
15NR1A0103	RT31016	IPR & PATENTS	0	-1	0
15NR1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15NR1A0103	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15NR1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	22	13	0
15NR1A0104	RT31012	STRUCTURAL ANALYSIS-II	21	17	0
15NR1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	9	23	0
15NR1A0104	RT31014	ENGINEERING GEOLOGY	23	44	3
15NR1A0104	RT31015	TRANSPORTATION ENGINEERING-I	26	37	3
15NR1A0104	RT31016	IPR & PATENTS	25	27	2
15NR1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	19	46	2
15NR1A0104	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
15NR1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	27	26	3
15NR1A0105	RT31012	STRUCTURAL ANALYSIS-II	25	24	3
15NR1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	12	25	0
15NR1A0105	RT31014	ENGINEERING GEOLOGY	26	38	3
15NR1A0105	RT31015	TRANSPORTATION ENGINEERING-I	26	28	3
15NR1A0105	RT31016	IPR & PATENTS	27	38	2
15NR1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	22	48	2
15NR1A0105	RT31018	ENGINEERING GEOLOGY LAB	19	-1	0
15NR1A0106	RT31011	GEOTECHNICAL ENGINEERING-I	24	24	3
15NR1A0106	RT31012	STRUCTURAL ANALYSIS-II	21	35	3
15NR1A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	39	3
15NR1A0106	RT31014	ENGINEERING GEOLOGY	23	25	3
15NR1A0106	RT31015	TRANSPORTATION ENGINEERING-I	22	15	0
15NR1A0106	RT31016	IPR & PATENTS	23	24	2
15NR1A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	20	48	2
15NR1A0106	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
15NR1A0107	RT31011	GEOTECHNICAL ENGINEERING-I	27	15	0
15NR1A0107	RT31012	STRUCTURAL ANALYSIS-II	28	16	0
15NR1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	35	3
15NR1A0107	RT31014	ENGINEERING GEOLOGY	27	26	3
15NR1A0107	RT31015	TRANSPORTATION ENGINEERING-I	25	32	3
15NR1A0107	RT31016	IPR & PATENTS	26	43	2
15NR1A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	21	49	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0107	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
15NR1A0108	RT31011	GEOTECHNICAL ENGINEERING-I	26	27	3
15NR1A0108	RT31012	STRUCTURAL ANALYSIS-II	25	17	0
15NR1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	34	3
15NR1A0108	RT31014	ENGINEERING GEOLOGY	28	33	3
15NR1A0108	RT31015	TRANSPORTATION ENGINEERING-I	24	37	3
15NR1A0108	RT31016	IPR & PATENTS	23	28	2
15NR1A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	21	48	2
15NR1A0108	RT31018	ENGINEERING GEOLOGY LAB	19	43	2
15NR1A0109	RT31011	GEOTECHNICAL ENGINEERING-I	30	62	3
15NR1A0109	RT31012	STRUCTURAL ANALYSIS-II	30	60	3
15NR1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	62	3
15NR1A0109	RT31014	ENGINEERING GEOLOGY	28	49	3
15NR1A0109	RT31015	TRANSPORTATION ENGINEERING-I	30	59	3
15NR1A0109	RT31016	IPR & PATENTS	28	43	2
15NR1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	23	50	2
15NR1A0109	RT31018	ENGINEERING GEOLOGY LAB	21	44	2
15NR1A0110	RT31011	GEOTECHNICAL ENGINEERING-I	25	39	3
15NR1A0110	RT31012	STRUCTURAL ANALYSIS-II	29	48	3
15NR1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	39	3
15NR1A0110	RT31014	ENGINEERING GEOLOGY	26	26	3
15NR1A0110	RT31015	TRANSPORTATION ENGINEERING-I	26	29	3
15NR1A0110	RT31016	IPR & PATENTS	23	29	2
15NR1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	20	49	2
15NR1A0110	RT31018	ENGINEERING GEOLOGY LAB	18	42	2
15NR1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	19	0	0
15NR1A0111	RT31012	STRUCTURAL ANALYSIS-II	23	33	3
15NR1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	11	21	0
15NR1A0111	RT31014	ENGINEERING GEOLOGY	26	30	3
15NR1A0111	RT31015	TRANSPORTATION ENGINEERING-I	24	14	0
15NR1A0111	RT31016	IPR & PATENTS	24	39	2
15NR1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	20	49	2
15NR1A0111	RT31018	ENGINEERING GEOLOGY LAB	16	33	2
15NR1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	24	10	0
15NR1A0112	RT31012	STRUCTURAL ANALYSIS-II	20	11	0
15NR1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	38	3
15NR1A0112	RT31014	ENGINEERING GEOLOGY	28	41	3
15NR1A0112	RT31015	TRANSPORTATION ENGINEERING-I	26	39	3
15NR1A0112	RT31016	IPR & PATENTS	24	31	2
15NR1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	17	47	2
15NR1A0112	RT31018	ENGINEERING GEOLOGY LAB	17	34	2
15NR1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	25	32	3
15NR1A0113	RT31012	STRUCTURAL ANALYSIS-II	25	30	3
15NR1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	44	3
15NR1A0113	RT31014	ENGINEERING GEOLOGY	27	30	3
15NR1A0113	RT31015	TRANSPORTATION ENGINEERING-I	26	26	3
15NR1A0113	RT31016	IPR & PATENTS	24	40	2
15NR1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	18	48	2
15NR1A0113	RT31018	ENGINEERING GEOLOGY LAB	20	35	2
15NR1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	30	49	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0115	RT31012	STRUCTURAL ANALYSIS-II	30	55	3
15NR1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	44	3
15NR1A0115	RT31014	ENGINEERING GEOLOGY	30	45	3
15NR1A0115	RT31015	TRANSPORTATION ENGINEERING-I	26	35	3
15NR1A0115	RT31016	IPR & PATENTS	29	51	2
15NR1A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	25	50	2
15NR1A0115	RT31018	ENGINEERING GEOLOGY LAB	24	43	2
15NR1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	18	7	0
15NR1A0116	RT31012	STRUCTURAL ANALYSIS-II	19	17	0
15NR1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	13	17	0
15NR1A0116	RT31014	ENGINEERING GEOLOGY	25	16	0
15NR1A0116	RT31015	TRANSPORTATION ENGINEERING-I	26	9	0
15NR1A0116	RT31016	IPR & PATENTS	24	31	2
15NR1A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	14	46	2
15NR1A0116	RT31018	ENGINEERING GEOLOGY LAB	16	43	2
15NR1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	0	-1	0
15NR1A0117	RT31012	STRUCTURAL ANALYSIS-II	0	-1	0
15NR1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
15NR1A0117	RT31014	ENGINEERING GEOLOGY	0	-1	0
15NR1A0117	RT31015	TRANSPORTATION ENGINEERING-I	0	-1	0
15NR1A0117	RT31016	IPR & PATENTS	0	-1	0
15NR1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	0	-1	0
15NR1A0117	RT31018	ENGINEERING GEOLOGY LAB	0	-1	0
15NR1A0118	RT31011	GEOTECHNICAL ENGINEERING-I	26	39	3
15NR1A0118	RT31012	STRUCTURAL ANALYSIS-II	23	36	3
15NR1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	9	44	3
15NR1A0118	RT31014	ENGINEERING GEOLOGY	30	34	3
15NR1A0118	RT31015	TRANSPORTATION ENGINEERING-I	25	28	3
15NR1A0118	RT31016	IPR & PATENTS	26	33	2
15NR1A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	21	50	2
15NR1A0118	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
15NR1A0119	RT31011	GEOTECHNICAL ENGINEERING-I	22	24	3
15NR1A0119	RT31012	STRUCTURAL ANALYSIS-II	25	46	3
15NR1A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	57	3
15NR1A0119	RT31014	ENGINEERING GEOLOGY	28	28	3
15NR1A0119	RT31015	TRANSPORTATION ENGINEERING-I	24	9	0
15NR1A0119	RT31016	IPR & PATENTS	20	8	0
15NR1A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	14	45	2
15NR1A0119	RT31018	ENGINEERING GEOLOGY LAB	15	38	2
15NR1A0201	RT31016	IPR & PATENTS	26	43	2
15NR1A0201	RT31021	ELECTRICAL MEASUREMENTS	22	26	3
15NR1A0201	RT31022	MEFA	22	17	0
15NR1A0201	RT31023	POWER SYSTEMS-II	22	28	3
15NR1A0201	RT31024	ELECTRICAL MACHINES-III	21	38	3
15NR1A0201	RT31025	POWER ELECTRONICS	18	10	0
15NR1A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	36	3
15NR1A0201	RT31027	ELECTRICAL MACHINES-II LAB	16	36	2
15NR1A0201	RT31028	CONTROL SYSTEMS LAB	20	38	2
15NR1A0202	RT31016	IPR & PATENTS	0	-1	0
15NR1A0202	RT31021	ELECTRICAL MEASUREMENTS	0	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0202	RT31022	MEFA	0	-1	0
15NR1A0202	RT31023	POWER SYSTEMS-II	0	-1	0
15NR1A0202	RT31024	ELECTRICAL MACHINES-III	0	-1	0
15NR1A0202	RT31025	POWER ELECTRONICS	0	-1	0
15NR1A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	0	-1	0
15NR1A0202	RT31027	ELECTRICAL MACHINES-II LAB	0	-1	0
15NR1A0202	RT31028	CONTROL SYSTEMS LAB	0	-1	0
15NR1A0301	RT31016	IPR & PATENTS	15	27	2
15NR1A0301	RT31031	DYNAMICS OF MACHINERY	14	26	3
15NR1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	16	31	3
15NR1A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	21	33	3
15NR1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	4	0
15NR1A0301	RT31035	THERMAL ENGINEERING-II	20	39	3
15NR1A0301	RT31036	METROLOGY	18	42	3
15NR1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	22	48	2
15NR1A0301	RT31038	MACHINE TOOLS LAB	20	45	2
15NR1A0303	RT31016	IPR & PATENTS	19	14	0
15NR1A0303	RT31031	DYNAMICS OF MACHINERY	16	0	0
15NR1A0303	RT31032	METAL CUTTING & MACHINE TOOLS	18	9	0
15NR1A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	19	11	0
15NR1A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	14	0
15NR1A0303	RT31035	THERMAL ENGINEERING-II	17	14	0
15NR1A0303	RT31036	METROLOGY	12	0	0
15NR1A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	23	42	2
15NR1A0303	RT31038	MACHINE TOOLS LAB	18	40	2
15NR1A0304	RT31016	IPR & PATENTS	19	26	2
15NR1A0304	RT31031	DYNAMICS OF MACHINERY	24	10	0
15NR1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	21	24	3
15NR1A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	27	35	3
15NR1A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	39	3
15NR1A0304	RT31035	THERMAL ENGINEERING-II	22	36	3
15NR1A0304	RT31036	METROLOGY	25	35	3
15NR1A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
15NR1A0304	RT31038	MACHINE TOOLS LAB	22	48	2
15NR1A0305	RT31016	IPR & PATENTS	21	25	2
15NR1A0305	RT31031	DYNAMICS OF MACHINERY	22	49	3
15NR1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	18	34	3
15NR1A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	23	27	3
15NR1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	32	3
15NR1A0305	RT31035	THERMAL ENGINEERING-II	25	35	3
15NR1A0305	RT31036	METROLOGY	22	14	0
15NR1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
15NR1A0305	RT31038	MACHINE TOOLS LAB	22	46	2
15NR1A0306	RT31016	IPR & PATENTS	17	36	2
15NR1A0306	RT31031	DYNAMICS OF MACHINERY	22	27	3
15NR1A0306	RT31032	METAL CUTTING & MACHINE TOOLS	15	25	3
15NR1A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	26	31	3
15NR1A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
15NR1A0306	RT31035	THERMAL ENGINEERING-II	25	29	3
15NR1A0306	RT31036	METROLOGY	15	40	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
15NR1A0306	RT31038	MACHINE TOOLS LAB	22	46	2
15NR1A0307	RT31016	IPR & PATENTS	4	-1	0
15NR1A0307	RT31031	DYNAMICS OF MACHINERY	5	-1	0
15NR1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
15NR1A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
15NR1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	3	-1	0
15NR1A0307	RT31035	THERMAL ENGINEERING-II	4	-1	0
15NR1A0307	RT31036	METROLOGY	3	-1	0
15NR1A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
15NR1A0307	RT31038	MACHINE TOOLS LAB	0	-1	0
15NR1A0308	RT31016	IPR & PATENTS	19	26	2
15NR1A0308	RT31031	DYNAMICS OF MACHINERY	17	10	0
15NR1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	18	7	0
15NR1A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	19	16	0
15NR1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	28	3
15NR1A0308	RT31035	THERMAL ENGINEERING-II	20	24	3
15NR1A0308	RT31036	METROLOGY	16	29	3
15NR1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
15NR1A0308	RT31038	MACHINE TOOLS LAB	20	42	2
15NR1A0309	RT31016	IPR & PATENTS	19	34	2
15NR1A0309	RT31031	DYNAMICS OF MACHINERY	18	37	3
15NR1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	16	33	3
15NR1A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	17	16	0
15NR1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	38	3
15NR1A0309	RT31035	THERMAL ENGINEERING-II	19	12	0
15NR1A0309	RT31036	METROLOGY	15	16	0
15NR1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
15NR1A0309	RT31038	MACHINE TOOLS LAB	16	35	2
15NR1A0310	RT31016	IPR & PATENTS	24	36	2
15NR1A0310	RT31031	DYNAMICS OF MACHINERY	24	29	3
15NR1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	22	32	3
15NR1A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	25	24	3
15NR1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	12	0
15NR1A0310	RT31035	THERMAL ENGINEERING-II	25	47	3
15NR1A0310	RT31036	METROLOGY	21	35	3
15NR1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	25	49	2
15NR1A0310	RT31038	MACHINE TOOLS LAB	23	49	2
15NR1A0311	RT31016	IPR & PATENTS	21	28	2
15NR1A0311	RT31031	DYNAMICS OF MACHINERY	20	38	3
15NR1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	19	34	3
15NR1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	28	38	3
15NR1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	30	3
15NR1A0311	RT31035	THERMAL ENGINEERING-II	18	30	3
15NR1A0311	RT31036	METROLOGY	23	32	3
15NR1A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	25	48	2
15NR1A0311	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0312	RT31016	IPR & PATENTS	24	25	2
15NR1A0312	RT31031	DYNAMICS OF MACHINERY	24	30	3
15NR1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	25	29	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	27	60	3
15NR1A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	46	3
15NR1A0312	RT31035	THERMAL ENGINEERING-II	23	46	3
15NR1A0312	RT31036	METROLOGY	25	26	3
15NR1A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	25	50	2
15NR1A0312	RT31038	MACHINE TOOLS LAB	24	50	2
15NR1A0313	RT31016	IPR & PATENTS	5	-1	0
15NR1A0313	RT31031	DYNAMICS OF MACHINERY	5	-1	0
15NR1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	5	-1	0
15NR1A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	5	-1	0
15NR1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	5	-1	0
15NR1A0313	RT31035	THERMAL ENGINEERING-II	5	-1	0
15NR1A0313	RT31036	METROLOGY	5	-1	0
15NR1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
15NR1A0313	RT31038	MACHINE TOOLS LAB	0	-1	0
15NR1A0314	RT31016	IPR & PATENTS	20	24	2
15NR1A0314	RT31031	DYNAMICS OF MACHINERY	18	6	0
15NR1A0314	RT31032	METAL CUTTING & MACHINE TOOLS	18	8	0
15NR1A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
15NR1A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	4	0
15NR1A0314	RT31035	THERMAL ENGINEERING-II	22	0	0
15NR1A0314	RT31036	METROLOGY	21	19	0
15NR1A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	20	48	2
15NR1A0314	RT31038	MACHINE TOOLS LAB	20	40	2
15NR1A0315	RT31016	IPR & PATENTS	22	24	2
15NR1A0315	RT31031	DYNAMICS OF MACHINERY	20	24	3
15NR1A0315	RT31032	METAL CUTTING & MACHINE TOOLS	20	38	3
15NR1A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	24	38	3
15NR1A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
15NR1A0315	RT31035	THERMAL ENGINEERING-II	18	36	3
15NR1A0315	RT31036	METROLOGY	16	39	3
15NR1A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
15NR1A0315	RT31038	MACHINE TOOLS LAB	23	45	2
15NR1A0316	RT31016	IPR & PATENTS	4	-1	0
15NR1A0316	RT31031	DYNAMICS OF MACHINERY	5	-1	0
15NR1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
15NR1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	3	-1	0
15NR1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
15NR1A0316	RT31035	THERMAL ENGINEERING-II	3	-1	0
15NR1A0316	RT31036	METROLOGY	4	-1	0
15NR1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
15NR1A0316	RT31038	MACHINE TOOLS LAB	0	-1	0
15NR1A0317	RT31016	IPR & PATENTS	25	28	2
15NR1A0317	RT31031	DYNAMICS OF MACHINERY	27	54	3
15NR1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	27	34	3
15NR1A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	27	35	3
15NR1A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	43	3
15NR1A0317	RT31035	THERMAL ENGINEERING-II	24	52	3
15NR1A0317	RT31036	METROLOGY	25	29	3
15NR1A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	22	48	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0317	RT31038	MACHINE TOOLS LAB	23	50	2
15NR1A0318	RT31016	IPR & PATENTS	24	39	2
15NR1A0318	RT31031	DYNAMICS OF MACHINERY	21	42	3
15NR1A0318	RT31032	METAL CUTTING & MACHINE TOOLS	25	28	3
15NR1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	20	35	3
15NR1A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
15NR1A0318	RT31035	THERMAL ENGINEERING-II	25	56	3
15NR1A0318	RT31036	METROLOGY	23	28	3
15NR1A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15NR1A0318	RT31038	MACHINE TOOLS LAB	20	45	2
15NR1A0319	RT31016	IPR & PATENTS	18	25	2
15NR1A0319	RT31031	DYNAMICS OF MACHINERY	20	30	3
15NR1A0319	RT31032	METAL CUTTING & MACHINE TOOLS	15	17	0
15NR1A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	19	15	0
15NR1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	11	0
15NR1A0319	RT31035	THERMAL ENGINEERING-II	17	7	0
15NR1A0319	RT31036	METROLOGY	18	15	0
15NR1A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	22	41	2
15NR1A0319	RT31038	MACHINE TOOLS LAB	20	39	2
15NR1A0320	RT31016	IPR & PATENTS	16	25	2
15NR1A0320	RT31031	DYNAMICS OF MACHINERY	20	13	0
15NR1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
15NR1A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	18	47	3
15NR1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	41	3
15NR1A0320	RT31035	THERMAL ENGINEERING-II	22	34	3
15NR1A0320	RT31036	METROLOGY	20	33	3
15NR1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	23	49	2
15NR1A0320	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0321	RT31016	IPR & PATENTS	21	28	2
15NR1A0321	RT31031	DYNAMICS OF MACHINERY	30	38	3
15NR1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	28	33	3
15NR1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	25	29	3
15NR1A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	46	3
15NR1A0321	RT31035	THERMAL ENGINEERING-II	19	28	3
15NR1A0321	RT31036	METROLOGY	24	29	3
15NR1A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	24	44	2
15NR1A0321	RT31038	MACHINE TOOLS LAB	22	48	2
15NR1A0322	RT31016	IPR & PATENTS	17	26	2
15NR1A0322	RT31031	DYNAMICS OF MACHINERY	20	34	3
15NR1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	18	12	0
15NR1A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	23	24	3
15NR1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	13	0
15NR1A0322	RT31035	THERMAL ENGINEERING-II	22	24	3
15NR1A0322	RT31036	METROLOGY	24	31	3
15NR1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
15NR1A0322	RT31038	MACHINE TOOLS LAB	20	40	2
15NR1A0323	RT31016	IPR & PATENTS	18	29	2
15NR1A0323	RT31031	DYNAMICS OF MACHINERY	23	34	3
15NR1A0323	RT31032	METAL CUTTING & MACHINE TOOLS	27	34	3
15NR1A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	27	42	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	24	3
15NR1A0323	RT31035	THERMAL ENGINEERING-II	25	57	3
15NR1A0323	RT31036	METROLOGY	22	40	3
15NR1A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
15NR1A0323	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0324	RT31016	IPR & PATENTS	25	24	2
15NR1A0324	RT31031	DYNAMICS OF MACHINERY	20	0	0
15NR1A0324	RT31032	METAL CUTTING & MACHINE TOOLS	23	8	0
15NR1A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	25	26	3
15NR1A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	30	3
15NR1A0324	RT31035	THERMAL ENGINEERING-II	22	24	3
15NR1A0324	RT31036	METROLOGY	23	24	3
15NR1A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
15NR1A0324	RT31038	MACHINE TOOLS LAB	22	42	2
15NR1A0325	RT31016	IPR & PATENTS	22	29	2
15NR1A0325	RT31031	DYNAMICS OF MACHINERY	20	42	3
15NR1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	23	33	3
15NR1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	28	28	3
15NR1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	37	3
15NR1A0325	RT31035	THERMAL ENGINEERING-II	22	32	3
15NR1A0325	RT31036	METROLOGY	25	29	3
15NR1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
15NR1A0325	RT31038	MACHINE TOOLS LAB	21	45	2
15NR1A0326	RT31016	IPR & PATENTS	14	35	2
15NR1A0326	RT31031	DYNAMICS OF MACHINERY	24	32	3
15NR1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	22	28	3
15NR1A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	27	41	3
15NR1A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	11	0
15NR1A0326	RT31035	THERMAL ENGINEERING-II	25	62	3
15NR1A0326	RT31036	METROLOGY	22	47	3
15NR1A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15NR1A0326	RT31038	MACHINE TOOLS LAB	24	45	2
15NR1A0327	RT31016	IPR & PATENTS	20	25	2
15NR1A0327	RT31031	DYNAMICS OF MACHINERY	21	39	3
15NR1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	24	16	0
15NR1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	24	40	3
15NR1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	18	0
15NR1A0327	RT31035	THERMAL ENGINEERING-II	25	31	3
15NR1A0327	RT31036	METROLOGY	23	24	3
15NR1A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	21	44	2
15NR1A0327	RT31038	MACHINE TOOLS LAB	22	42	2
15NR1A0328	RT31016	IPR & PATENTS	17	30	2
15NR1A0328	RT31031	DYNAMICS OF MACHINERY	20	16	0
15NR1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	20	42	3
15NR1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	22	47	3
15NR1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	47	3
15NR1A0328	RT31035	THERMAL ENGINEERING-II	25	35	3
15NR1A0328	RT31036	METROLOGY	23	35	3
15NR1A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
15NR1A0328	RT31038	MACHINE TOOLS LAB	23	42	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0330	RT31016	IPR & PATENTS	20	27	2
15NR1A0330	RT31031	DYNAMICS OF MACHINERY	17	24	3
15NR1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	18	9	0
15NR1A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	25	25	3
15NR1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	29	3
15NR1A0330	RT31035	THERMAL ENGINEERING-II	23	24	3
15NR1A0330	RT31036	METROLOGY	22	17	0
15NR1A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
15NR1A0330	RT31038	MACHINE TOOLS LAB	20	42	2
15NR1A0332	RT31016	IPR & PATENTS	16	26	2
15NR1A0332	RT31031	DYNAMICS OF MACHINERY	10	7	0
15NR1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	13	15	0
15NR1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	20	7	0
15NR1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	4	0
15NR1A0332	RT31035	THERMAL ENGINEERING-II	15	0	0
15NR1A0332	RT31036	METROLOGY	15	14	0
15NR1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	21	46	2
15NR1A0332	RT31038	MACHINE TOOLS LAB	22	42	2
15NR1A0333	RT31016	IPR & PATENTS	19	24	2
15NR1A0333	RT31031	DYNAMICS OF MACHINERY	17	24	3
15NR1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
15NR1A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	19	36	3
15NR1A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	24	3
15NR1A0333	RT31035	THERMAL ENGINEERING-II	19	11	0
15NR1A0333	RT31036	METROLOGY	17	16	0
15NR1A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
15NR1A0333	RT31038	MACHINE TOOLS LAB	21	42	2
15NR1A0334	RT31016	IPR & PATENTS	18	24	2
15NR1A0334	RT31031	DYNAMICS OF MACHINERY	15	13	0
15NR1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	19	24	3
15NR1A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	19	27	3
15NR1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	45	3
15NR1A0334	RT31035	THERMAL ENGINEERING-II	20	29	3
15NR1A0334	RT31036	METROLOGY	24	27	3
15NR1A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
15NR1A0334	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0335	RT31016	IPR & PATENTS	20	29	2
15NR1A0335	RT31031	DYNAMICS OF MACHINERY	14	44	3
15NR1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
15NR1A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	19	26	3
15NR1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	31	3
15NR1A0335	RT31035	THERMAL ENGINEERING-II	23	34	3
15NR1A0335	RT31036	METROLOGY	24	13	0
15NR1A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	25	49	2
15NR1A0335	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0337	RT31016	IPR & PATENTS	23	26	2
15NR1A0337	RT31031	DYNAMICS OF MACHINERY	21	46	3
15NR1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	20	48	3
15NR1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	26	44	3
15NR1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	31	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0337	RT31035	THERMAL ENGINEERING-II	19	44	3
15NR1A0337	RT31036	METROLOGY	25	53	3
15NR1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	22	47	2
15NR1A0337	RT31038	MACHINE TOOLS LAB	20	46	2
15NR1A0338	RT31016	IPR & PATENTS	18	32	2
15NR1A0338	RT31031	DYNAMICS OF MACHINERY	26	40	3
15NR1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	21	34	3
15NR1A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	24	45	3
15NR1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	26	3
15NR1A0338	RT31035	THERMAL ENGINEERING-II	18	38	3
15NR1A0338	RT31036	METROLOGY	22	14	0
15NR1A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
15NR1A0338	RT31038	MACHINE TOOLS LAB	23	46	2
15NR1A0339	RT31016	IPR & PATENTS	22	15	0
15NR1A0339	RT31031	DYNAMICS OF MACHINERY	24	9	0
15NR1A0339	RT31032	METAL CUTTING & MACHINE TOOLS	24	28	3
15NR1A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	27	31	3
15NR1A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	26	3
15NR1A0339	RT31035	THERMAL ENGINEERING-II	25	33	3
15NR1A0339	RT31036	METROLOGY	24	11	0
15NR1A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	25	42	2
15NR1A0339	RT31038	MACHINE TOOLS LAB	23	46	2
15NR1A0340	RT31016	IPR & PATENTS	20	27	2
15NR1A0340	RT31031	DYNAMICS OF MACHINERY	16	38	3
15NR1A0340	RT31032	METAL CUTTING & MACHINE TOOLS	20	14	0
15NR1A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	21	26	3
15NR1A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	3	0
15NR1A0340	RT31035	THERMAL ENGINEERING-II	23	0	0
15NR1A0340	RT31036	METROLOGY	19	17	0
15NR1A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
15NR1A0340	RT31038	MACHINE TOOLS LAB	20	42	2
15NR1A0341	RT31016	IPR & PATENTS	16	25	2
15NR1A0341	RT31031	DYNAMICS OF MACHINERY	17	15	0
15NR1A0341	RT31032	METAL CUTTING & MACHINE TOOLS	17	31	3
15NR1A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	18	30	3
15NR1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	3	0
15NR1A0341	RT31035	THERMAL ENGINEERING-II	21	24	3
15NR1A0341	RT31036	METROLOGY	17	32	3
15NR1A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	21	46	2
15NR1A0341	RT31038	MACHINE TOOLS LAB	22	42	2
15NR1A0342	RT31016	IPR & PATENTS	26	35	2
15NR1A0342	RT31031	DYNAMICS OF MACHINERY	23	55	3
15NR1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	27	30	3
15NR1A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	26	36	3
15NR1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	26	3
15NR1A0342	RT31035	THERMAL ENGINEERING-II	25	33	3
15NR1A0342	RT31036	METROLOGY	24	26	3
15NR1A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
15NR1A0342	RT31038	MACHINE TOOLS LAB	22	46	2
15NR1A0343	RT31016	IPR & PATENTS	17	24	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0343	RT31031	DYNAMICS OF MACHINERY	18	14	0
15NR1A0343	RT31032	METAL CUTTING & MACHINE TOOLS	17	6	0
15NR1A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	25	29	3
15NR1A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	41	3
15NR1A0343	RT31035	THERMAL ENGINEERING-II	23	24	3
15NR1A0343	RT31036	METROLOGY	23	12	0
15NR1A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	21	46	2
15NR1A0343	RT31038	MACHINE TOOLS LAB	22	45	2
15NR1A0344	RT31016	IPR & PATENTS	23	30	2
15NR1A0344	RT31031	DYNAMICS OF MACHINERY	19	44	3
15NR1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	20	16	0
15NR1A0344	RT31033	DESIGN OF MACHINE MEMBERS-I	26	25	3
15NR1A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
15NR1A0344	RT31035	THERMAL ENGINEERING-II	25	27	3
15NR1A0344	RT31036	METROLOGY	25	31	3
15NR1A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	20	48	2
15NR1A0344	RT31038	MACHINE TOOLS LAB	22	42	2
15NR1A0346	RT31016	IPR & PATENTS	20	36	2
15NR1A0346	RT31031	DYNAMICS OF MACHINERY	21	49	3
15NR1A0346	RT31032	METAL CUTTING & MACHINE TOOLS	21	46	3
15NR1A0346	RT31033	DESIGN OF MACHINE MEMBERS-I	28	48	3
15NR1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	16	0
15NR1A0346	RT31035	THERMAL ENGINEERING-II	22	69	3
15NR1A0346	RT31036	METROLOGY	22	48	3
15NR1A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	25	50	2
15NR1A0346	RT31038	MACHINE TOOLS LAB	23	50	2
15NR1A0401	RT31016	IPR & PATENTS	29	35	2
15NR1A0401	RT31041	PULSE & DIGITAL CIRCUITS	30	37	3
15NR1A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	30	56	3
15NR1A0401	RT31043	CONTROL SYSTEMS	30	42	3
15NR1A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	41	3
15NR1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	29	36	3
15NR1A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
15NR1A0401	RT31048	LICA LAB	25	50	2
15NR1A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
15NR1A0402	RT31016	IPR & PATENTS	28	31	2
15NR1A0402	RT31041	PULSE & DIGITAL CIRCUITS	26	31	3
15NR1A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	31	3
15NR1A0402	RT31043	CONTROL SYSTEMS	29	24	3
15NR1A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	31	3
15NR1A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	28	24	3
15NR1A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	42	2
15NR1A0402	RT31048	LICA LAB	24	48	2
15NR1A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	47	2
15NR1A0403	RT31016	IPR & PATENTS	23	29	2
15NR1A0403	RT31041	PULSE & DIGITAL CIRCUITS	27	24	3
15NR1A0403	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	31	3
15NR1A0403	RT31043	CONTROL SYSTEMS	23	24	3
15NR1A0403	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	24	3
15NR1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	30	18	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
15NR1A0403	RT31048	LICA LAB	23	46	2
15NR1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
15NR1A0405	RT31016	IPR & PATENTS	27	47	2
15NR1A0405	RT31041	PULSE & DIGITAL CIRCUITS	23	24	3
15NR1A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	26	3
15NR1A0405	RT31043	CONTROL SYSTEMS	28	44	3
15NR1A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	27	3
15NR1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	28	13	0
15NR1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	40	2
15NR1A0405	RT31048	LICA LAB	23	43	2
15NR1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
15NR1A0406	RT31016	IPR & PATENTS	27	32	2
15NR1A0406	RT31041	PULSE & DIGITAL CIRCUITS	22	17	0
15NR1A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	52	3
15NR1A0406	RT31043	CONTROL SYSTEMS	28	40	3
15NR1A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	26	3
15NR1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	27	28	3
15NR1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
15NR1A0406	RT31048	LICA LAB	22	45	2
15NR1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
15NR1A0407	RT31016	IPR & PATENTS	22	31	2
15NR1A0407	RT31041	PULSE & DIGITAL CIRCUITS	23	36	3
15NR1A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	37	3
15NR1A0407	RT31043	CONTROL SYSTEMS	26	30	3
15NR1A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	37	3
15NR1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	25	13	0
15NR1A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
15NR1A0407	RT31048	LICA LAB	22	45	2
15NR1A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15NR1A0408	RT31016	IPR & PATENTS	27	32	2
15NR1A0408	RT31041	PULSE & DIGITAL CIRCUITS	27	25	3
15NR1A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	29	3
15NR1A0408	RT31043	CONTROL SYSTEMS	29	37	3
15NR1A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	29	3
15NR1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	29	34	3
15NR1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
15NR1A0408	RT31048	LICA LAB	23	46	2
15NR1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
15NR1A0409	RT31016	IPR & PATENTS	23	42	2
15NR1A0409	RT31041	PULSE & DIGITAL CIRCUITS	27	31	3
15NR1A0409	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	29	3
15NR1A0409	RT31043	CONTROL SYSTEMS	27	39	3
15NR1A0409	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	17	0
15NR1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	29	9	0
15NR1A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
15NR1A0409	RT31048	LICA LAB	22	47	2
15NR1A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
15NR1A0410	RT31016	IPR & PATENTS	26	32	2
15NR1A0410	RT31041	PULSE & DIGITAL CIRCUITS	30	27	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0410	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	59	3
15NR1A0410	RT31043	CONTROL SYSTEMS	28	37	3
15NR1A0410	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	27	3
15NR1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	29	16	0
15NR1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15NR1A0410	RT31048	LICA LAB	24	49	2
15NR1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	50	2
15NR1A0411	RT31016	IPR & PATENTS	27	29	2
15NR1A0411	RT31041	PULSE & DIGITAL CIRCUITS	25	30	3
15NR1A0411	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	23	30	3
15NR1A0411	RT31043	CONTROL SYSTEMS	29	33	3
15NR1A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	46	3
15NR1A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	28	9	0
15NR1A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
15NR1A0411	RT31048	LICA LAB	24	47	2
15NR1A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	47	2
15NR1A0412	RT31016	IPR & PATENTS	24	25	2
15NR1A0412	RT31041	PULSE & DIGITAL CIRCUITS	28	24	3
15NR1A0412	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	28	3
15NR1A0412	RT31043	CONTROL SYSTEMS	27	43	3
15NR1A0412	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	32	3
15NR1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	28	24	3
15NR1A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15NR1A0412	RT31048	LICA LAB	24	48	2
15NR1A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0413	RT31016	IPR & PATENTS	29	42	2
15NR1A0413	RT31041	PULSE & DIGITAL CIRCUITS	24	29	3
15NR1A0413	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	26	3
15NR1A0413	RT31043	CONTROL SYSTEMS	27	34	3
15NR1A0413	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	29	3
15NR1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	29	31	3
15NR1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
15NR1A0413	RT31048	LICA LAB	23	47	2
15NR1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15NR1A0414	RT31016	IPR & PATENTS	23	34	2
15NR1A0414	RT31041	PULSE & DIGITAL CIRCUITS	22	27	3
15NR1A0414	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	52	3
15NR1A0414	RT31043	CONTROL SYSTEMS	27	42	3
15NR1A0414	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	33	3
15NR1A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	27	28	3
15NR1A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
15NR1A0414	RT31048	LICA LAB	22	46	2
15NR1A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
15NR1A0415	RT31016	IPR & PATENTS	26	37	2
15NR1A0415	RT31041	PULSE & DIGITAL CIRCUITS	26	24	3
15NR1A0415	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	22	35	3
15NR1A0415	RT31043	CONTROL SYSTEMS	28	24	3
15NR1A0415	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	39	3
15NR1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	24	24	3
15NR1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0415	RT31048	LICA LAB	23	47	2
15NR1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	47	2
15NR1A0416	RT31016	IPR & PATENTS	27	34	2
15NR1A0416	RT31041	PULSE & DIGITAL CIRCUITS	26	29	3
15NR1A0416	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	27	3
15NR1A0416	RT31043	CONTROL SYSTEMS	28	24	3
15NR1A0416	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	15	0
15NR1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	27	32	3
15NR1A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15NR1A0416	RT31048	LICA LAB	24	48	2
15NR1A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0417	RT31016	IPR & PATENTS	27	43	2
15NR1A0417	RT31041	PULSE & DIGITAL CIRCUITS	29	34	3
15NR1A0417	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	65	3
15NR1A0417	RT31043	CONTROL SYSTEMS	29	51	3
15NR1A0417	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	37	3
15NR1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	28	31	3
15NR1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2
15NR1A0417	RT31048	LICA LAB	24	49	2
15NR1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0418	RT31016	IPR & PATENTS	30	35	2
15NR1A0418	RT31041	PULSE & DIGITAL CIRCUITS	28	30	3
15NR1A0418	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	52	3
15NR1A0418	RT31043	CONTROL SYSTEMS	30	52	3
15NR1A0418	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	29	3
15NR1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	26	40	3
15NR1A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15NR1A0418	RT31048	LICA LAB	24	48	2
15NR1A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0419	RT31016	IPR & PATENTS	22	32	2
15NR1A0419	RT31041	PULSE & DIGITAL CIRCUITS	28	30	3
15NR1A0419	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	36	3
15NR1A0419	RT31043	CONTROL SYSTEMS	27	36	3
15NR1A0419	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	44	3
15NR1A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	30	28	3
15NR1A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
15NR1A0419	RT31048	LICA LAB	23	48	2
15NR1A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
15NR1A0420	RT31016	IPR & PATENTS	26	40	2
15NR1A0420	RT31041	PULSE & DIGITAL CIRCUITS	30	17	0
15NR1A0420	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	45	3
15NR1A0420	RT31043	CONTROL SYSTEMS	29	33	3
15NR1A0420	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	25	3
15NR1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	29	25	3
15NR1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15NR1A0420	RT31048	LICA LAB	24	49	2
15NR1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	50	2
15NR1A0421	RT31016	IPR & PATENTS	28	46	2
15NR1A0421	RT31041	PULSE & DIGITAL CIRCUITS	29	35	3
15NR1A0421	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	66	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0421	RT31043	CONTROL SYSTEMS	30	55	3
15NR1A0421	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	39	3
15NR1A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	30	32	3
15NR1A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
15NR1A0421	RT31048	LICA LAB	24	49	2
15NR1A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0422	RT31016	IPR & PATENTS	23	35	2
15NR1A0422	RT31041	PULSE & DIGITAL CIRCUITS	25	27	3
15NR1A0422	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	51	3
15NR1A0422	RT31043	CONTROL SYSTEMS	25	36	3
15NR1A0422	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	26	3
15NR1A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	26	30	3
15NR1A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	43	2
15NR1A0422	RT31048	LICA LAB	22	46	2
15NR1A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
15NR1A0423	RT31016	IPR & PATENTS	20	24	2
15NR1A0423	RT31041	PULSE & DIGITAL CIRCUITS	26	18	0
15NR1A0423	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	37	3
15NR1A0423	RT31043	CONTROL SYSTEMS	27	42	3
15NR1A0423	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	38	3
15NR1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	29	14	0
15NR1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15NR1A0423	RT31048	LICA LAB	23	47	2
15NR1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
15NR1A0424	RT31016	IPR & PATENTS	23	26	2
15NR1A0424	RT31041	PULSE & DIGITAL CIRCUITS	26	10	0
15NR1A0424	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	17	0
15NR1A0424	RT31043	CONTROL SYSTEMS	27	27	3
15NR1A0424	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	18	0
15NR1A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	28	24	3
15NR1A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	44	2
15NR1A0424	RT31048	LICA LAB	22	45	2
15NR1A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15NR1A0425	RT31016	IPR & PATENTS	27	45	2
15NR1A0425	RT31041	PULSE & DIGITAL CIRCUITS	26	36	3
15NR1A0425	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	48	3
15NR1A0425	RT31043	CONTROL SYSTEMS	30	45	3
15NR1A0425	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	43	3
15NR1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	27	33	3
15NR1A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	44	2
15NR1A0425	RT31048	LICA LAB	22	46	2
15NR1A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
15NR1A0426	RT31016	IPR & PATENTS	24	26	2
15NR1A0426	RT31041	PULSE & DIGITAL CIRCUITS	21	24	3
15NR1A0426	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	37	3
15NR1A0426	RT31043	CONTROL SYSTEMS	26	29	3
15NR1A0426	RT31044	DIGITAL SYSTEM DESIGN & DICA	26	7	0
15NR1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	25	27	3
15NR1A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	40	2
15NR1A0426	RT31048	LICA LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
15NR1A0428	RT31016	IPR & PATENTS	25	29	2
15NR1A0428	RT31041	PULSE & DIGITAL CIRCUITS	26	31	3
15NR1A0428	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	41	3
15NR1A0428	RT31043	CONTROL SYSTEMS	26	38	3
15NR1A0428	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	35	3
15NR1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	29	24	3
15NR1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	45	2
15NR1A0428	RT31048	LICA LAB	22	45	2
15NR1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
15NR1A0429	RT31016	IPR & PATENTS	28	41	2
15NR1A0429	RT31041	PULSE & DIGITAL CIRCUITS	28	34	3
15NR1A0429	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	34	3
15NR1A0429	RT31043	CONTROL SYSTEMS	28	35	3
15NR1A0429	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	24	3
15NR1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	29	29	3
15NR1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
15NR1A0429	RT31048	LICA LAB	24	49	2
15NR1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
15NR1A0430	RT31016	IPR & PATENTS	25	52	2
15NR1A0430	RT31041	PULSE & DIGITAL CIRCUITS	24	38	3
15NR1A0430	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	29	45	3
15NR1A0430	RT31043	CONTROL SYSTEMS	27	60	3
15NR1A0430	RT31044	DIGITAL SYSTEM DESIGN & DICA	27	58	3
15NR1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	29	32	3
15NR1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
15NR1A0430	RT31048	LICA LAB	22	47	2
15NR1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
15NR1A0431	RT31016	IPR & PATENTS	27	32	2
15NR1A0431	RT31041	PULSE & DIGITAL CIRCUITS	28	17	0
15NR1A0431	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	26	51	3
15NR1A0431	RT31043	CONTROL SYSTEMS	29	44	3
15NR1A0431	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	16	0
15NR1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	30	29	3
15NR1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	48	2
15NR1A0431	RT31048	LICA LAB	25	50	2
15NR1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	49	2
15NR1A0432	RT31016	IPR & PATENTS	24	36	2
15NR1A0432	RT31041	PULSE & DIGITAL CIRCUITS	27	30	3
15NR1A0432	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	39	3
15NR1A0432	RT31043	CONTROL SYSTEMS	28	39	3
15NR1A0432	RT31044	DIGITAL SYSTEM DESIGN & DICA	29	53	3
15NR1A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	30	29	3
15NR1A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
15NR1A0432	RT31048	LICA LAB	24	49	2
15NR1A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	50	2
15NR1A0501	RT31051	COMPILER DESIGN	20	2	0
15NR1A0501	RT31052	DATA COMMUNICATION	22	18	0
15NR1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	16	0
15NR1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	22	13	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0501	RT31055	OPERATING SYSTEMS	21	21	0
15NR1A0501	RT31056	COMPILER DESIGN LAB	18	40	2
15NR1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15NR1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	41	2
15NR1A0501	RT31059	SEMINAR	47	0	1
15NR1A0502	RT31051	COMPILER DESIGN	20	11	0
15NR1A0502	RT31052	DATA COMMUNICATION	24	17	0
15NR1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	7	0
15NR1A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	23	24	3
15NR1A0502	RT31055	OPERATING SYSTEMS	19	9	0
15NR1A0502	RT31056	COMPILER DESIGN LAB	20	41	2
15NR1A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	38	2
15NR1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
15NR1A0502	RT31059	SEMINAR	46	0	1
15NR1A0503	RT31051	COMPILER DESIGN	28	32	3
15NR1A0503	RT31052	DATA COMMUNICATION	29	25	3
15NR1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	41	3
15NR1A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	28	37	3
15NR1A0503	RT31055	OPERATING SYSTEMS	27	46	3
15NR1A0503	RT31056	COMPILER DESIGN LAB	25	48	2
15NR1A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	49	2
15NR1A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0503	RT31059	SEMINAR	50	0	1
15NR1A0504	RT31051	COMPILER DESIGN	26	42	3
15NR1A0504	RT31052	DATA COMMUNICATION	28	58	3
15NR1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	52	3
15NR1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	28	31	3
15NR1A0504	RT31055	OPERATING SYSTEMS	26	30	3
15NR1A0504	RT31056	COMPILER DESIGN LAB	22	49	2
15NR1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	49	2
15NR1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
15NR1A0504	RT31059	SEMINAR	50	0	1
15NR1A0505	RT31051	COMPILER DESIGN	17	37	3
15NR1A0505	RT31052	DATA COMMUNICATION	23	28	3
15NR1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	46	3
15NR1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	24	43	3
15NR1A0505	RT31055	OPERATING SYSTEMS	24	38	3
15NR1A0505	RT31056	COMPILER DESIGN LAB	23	47	2
15NR1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
15NR1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15NR1A0505	RT31059	SEMINAR	49	0	1
15NR1A0507	RT31051	COMPILER DESIGN	25	47	3
15NR1A0507	RT31052	DATA COMMUNICATION	25	40	3
15NR1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	35	3
15NR1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	26	41	3
15NR1A0507	RT31055	OPERATING SYSTEMS	27	56	3
15NR1A0507	RT31056	COMPILER DESIGN LAB	25	49	2
15NR1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15NR1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
15NR1A0507	RT31059	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0508	RT31051	COMPILER DESIGN	21	24	3
15NR1A0508	RT31052	DATA COMMUNICATION	23	11	0
15NR1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	37	3
15NR1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	23	39	3
15NR1A0508	RT31055	OPERATING SYSTEMS	25	33	3
15NR1A0508	RT31056	COMPILER DESIGN LAB	24	48	2
15NR1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15NR1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
15NR1A0508	RT31059	SEMINAR	47	0	1
15NR1A0509	RT31051	COMPILER DESIGN	26	28	3
15NR1A0509	RT31052	DATA COMMUNICATION	21	53	3
15NR1A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	52	3
15NR1A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	23	24	3
15NR1A0509	RT31055	OPERATING SYSTEMS	27	16	0
15NR1A0509	RT31056	COMPILER DESIGN LAB	21	44	2
15NR1A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15NR1A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
15NR1A0509	RT31059	SEMINAR	48	0	1
15NR1A0510	RT31051	COMPILER DESIGN	25	38	3
15NR1A0510	RT31052	DATA COMMUNICATION	26	24	3
15NR1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	27	3
15NR1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	29	43	3
15NR1A0510	RT31055	OPERATING SYSTEMS	29	24	3
15NR1A0510	RT31056	COMPILER DESIGN LAB	22	45	2
15NR1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15NR1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
15NR1A0510	RT31059	SEMINAR	48	0	1
15NR1A0511	RT31051	COMPILER DESIGN	21	20	0
15NR1A0511	RT31052	DATA COMMUNICATION	21	28	3
15NR1A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
15NR1A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	19	31	3
15NR1A0511	RT31055	OPERATING SYSTEMS	20	25	3
15NR1A0511	RT31056	COMPILER DESIGN LAB	23	45	2
15NR1A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
15NR1A0511	RT31059	SEMINAR	47	0	1
15NR1A0512	RT31051	COMPILER DESIGN	29	15	0
15NR1A0512	RT31052	DATA COMMUNICATION	28	18	0
15NR1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	36	3
15NR1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	26	41	3
15NR1A0512	RT31055	OPERATING SYSTEMS	26	45	3
15NR1A0512	RT31056	COMPILER DESIGN LAB	22	44	2
15NR1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
15NR1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	47	2
15NR1A0512	RT31059	SEMINAR	49	0	1
15NR1A0514	RT31051	COMPILER DESIGN	28	42	3
15NR1A0514	RT31052	DATA COMMUNICATION	29	67	3
15NR1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	66	3
15NR1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	29	24	3
15NR1A0514	RT31055	OPERATING SYSTEMS	30	45	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0514	RT31056	COMPILER DESIGN LAB	25	50	2
15NR1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
15NR1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	50	2
15NR1A0514	RT31059	SEMINAR	49	0	1
15NR1A0515	RT31051	COMPILER DESIGN	20	9	0
15NR1A0515	RT31052	DATA COMMUNICATION	25	0	0
15NR1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	4	0
15NR1A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	23	28	3
15NR1A0515	RT31055	OPERATING SYSTEMS	21	0	0
15NR1A0515	RT31056	COMPILER DESIGN LAB	22	45	2
15NR1A0515	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	43	2
15NR1A0515	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
15NR1A0515	RT31059	SEMINAR	48	0	1
15NR1A0517	RT31051	COMPILER DESIGN	29	67	3
15NR1A0517	RT31052	DATA COMMUNICATION	28	24	3
15NR1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	34	3
15NR1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	30	33	3
15NR1A0517	RT31055	OPERATING SYSTEMS	26	38	3
15NR1A0517	RT31056	COMPILER DESIGN LAB	25	50	2
15NR1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15NR1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
15NR1A0517	RT31059	SEMINAR	48	0	1
15NR1A0518	RT31051	COMPILER DESIGN	25	27	3
15NR1A0518	RT31052	DATA COMMUNICATION	25	26	3
15NR1A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	27	3
15NR1A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	28	41	3
15NR1A0518	RT31055	OPERATING SYSTEMS	26	24	3
15NR1A0518	RT31056	COMPILER DESIGN LAB	22	47	2
15NR1A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15NR1A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	48	2
15NR1A0518	RT31059	SEMINAR	48	0	1
15NR1A0521	RT31051	COMPILER DESIGN	24	39	3
15NR1A0521	RT31052	DATA COMMUNICATION	27	61	3
15NR1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	63	3
15NR1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	30	24	3
15NR1A0521	RT31055	OPERATING SYSTEMS	28	28	3
15NR1A0521	RT31056	COMPILER DESIGN LAB	22	45	2
15NR1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15NR1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15NR1A0521	RT31059	SEMINAR	48	0	1
15NR1A0522	RT31051	COMPILER DESIGN	26	45	3
15NR1A0522	RT31052	DATA COMMUNICATION	26	31	3
15NR1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	31	3
15NR1A0522	RT31054	DATABASE MANAGEMENT SYSTEMS	28	56	3
15NR1A0522	RT31055	OPERATING SYSTEMS	27	45	3
15NR1A0522	RT31056	COMPILER DESIGN LAB	23	46	2
15NR1A0522	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15NR1A0522	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
15NR1A0522	RT31059	SEMINAR	48	0	1
15NR1A0523	RT31051	COMPILER DESIGN	25	44	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0523	RT31052	DATA COMMUNICATION	26	35	3
15NR1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	35	3
15NR1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	24	46	3
15NR1A0523	RT31055	OPERATING SYSTEMS	24	34	3
15NR1A0523	RT31056	COMPILER DESIGN LAB	24	44	2
15NR1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
15NR1A0523	RT31059	SEMINAR	48	0	1
15NR1A0524	RT31051	COMPILER DESIGN	21	16	0
15NR1A0524	RT31052	DATA COMMUNICATION	19	7	0
15NR1A0524	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	32	3
15NR1A0524	RT31054	DATABASE MANAGEMENT SYSTEMS	21	30	3
15NR1A0524	RT31055	OPERATING SYSTEMS	21	34	3
15NR1A0524	RT31056	COMPILER DESIGN LAB	20	42	2
15NR1A0524	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15NR1A0524	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	43	2
15NR1A0524	RT31059	SEMINAR	47	0	1
15NR1A0525	RT31051	COMPILER DESIGN	26	34	3
15NR1A0525	RT31052	DATA COMMUNICATION	27	41	3
15NR1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	44	3
15NR1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	26	14	0
15NR1A0525	RT31055	OPERATING SYSTEMS	22	17	0
15NR1A0525	RT31056	COMPILER DESIGN LAB	22	44	2
15NR1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15NR1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
15NR1A0525	RT31059	SEMINAR	48	0	1
15NR1A0526	RT31051	COMPILER DESIGN	30	64	3
15NR1A0526	RT31052	DATA COMMUNICATION	30	40	3
15NR1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	30	42	3
15NR1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	29	52	3
15NR1A0526	RT31055	OPERATING SYSTEMS	30	51	3
15NR1A0526	RT31056	COMPILER DESIGN LAB	25	50	2
15NR1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
15NR1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0526	RT31059	SEMINAR	50	0	1
15NR1A0528	RT31051	COMPILER DESIGN	27	24	3
15NR1A0528	RT31052	DATA COMMUNICATION	27	44	3
15NR1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	41	3
15NR1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	28	41	3
15NR1A0528	RT31055	OPERATING SYSTEMS	21	28	3
15NR1A0528	RT31056	COMPILER DESIGN LAB	23	46	2
15NR1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	43	2
15NR1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
15NR1A0528	RT31059	SEMINAR	48	0	1
15NR1A0531	RT31051	COMPILER DESIGN	30	16	0
15NR1A0531	RT31052	DATA COMMUNICATION	28	10	0
15NR1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	38	3
15NR1A0531	RT31054	DATABASE MANAGEMENT SYSTEMS	26	47	3
15NR1A0531	RT31055	OPERATING SYSTEMS	27	34	3
15NR1A0531	RT31056	COMPILER DESIGN LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0531	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0531	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
15NR1A0531	RT31059	SEMINAR	48	0	1
15NR1A0532	RT31051	COMPILER DESIGN	21	13	0
15NR1A0532	RT31052	DATA COMMUNICATION	14	51	3
15NR1A0532	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	32	3
15NR1A0532	RT31054	DATABASE MANAGEMENT SYSTEMS	21	16	0
15NR1A0532	RT31055	OPERATING SYSTEMS	24	8	0
15NR1A0532	RT31056	COMPILER DESIGN LAB	23	45	2
15NR1A0532	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15NR1A0532	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	41	2
15NR1A0532	RT31059	SEMINAR	47	0	1
15NR1A0533	RT31051	COMPILER DESIGN	26	50	3
15NR1A0533	RT31052	DATA COMMUNICATION	28	31	3
15NR1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	54	3
15NR1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	26	43	3
15NR1A0533	RT31055	OPERATING SYSTEMS	27	40	3
15NR1A0533	RT31056	COMPILER DESIGN LAB	22	45	2
15NR1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
15NR1A0533	RT31059	SEMINAR	50	0	1
15NR1A0534	RT31051	COMPILER DESIGN	18	38	3
15NR1A0534	RT31052	DATA COMMUNICATION	30	49	3
15NR1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	38	3
15NR1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	20	38	3
15NR1A0534	RT31055	OPERATING SYSTEMS	21	26	3
15NR1A0534	RT31056	COMPILER DESIGN LAB	15	39	2
15NR1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	38	2
15NR1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
15NR1A0534	RT31059	SEMINAR	45	0	1
15NR1A0535	RT31051	COMPILER DESIGN	22	10	0
15NR1A0535	RT31052	DATA COMMUNICATION	23	9	0
15NR1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	27	3
15NR1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	22	35	3
15NR1A0535	RT31055	OPERATING SYSTEMS	21	46	3
15NR1A0535	RT31056	COMPILER DESIGN LAB	23	45	2
15NR1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	43	2
15NR1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
15NR1A0535	RT31059	SEMINAR	48	0	1
15NR1A0536	RT31051	COMPILER DESIGN	25	38	3
15NR1A0536	RT31052	DATA COMMUNICATION	29	67	3
15NR1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	47	3
15NR1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	27	17	0
15NR1A0536	RT31055	OPERATING SYSTEMS	28	17	0
15NR1A0536	RT31056	COMPILER DESIGN LAB	23	47	2
15NR1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	44	2
15NR1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15NR1A0536	RT31059	SEMINAR	48	0	1
15NR1A0538	RT31051	COMPILER DESIGN	20	0	0
15NR1A0538	RT31052	DATA COMMUNICATION	19	9	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0538	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	7	0
15NR1A0538	RT31054	DATABASE MANAGEMENT SYSTEMS	19	31	3
15NR1A0538	RT31055	OPERATING SYSTEMS	23	0	0
15NR1A0538	RT31056	COMPILER DESIGN LAB	19	40	2
15NR1A0538	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	38	2
15NR1A0538	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
15NR1A0538	RT31059	SEMINAR	45	0	1
15NR1A0539	RT31051	COMPILER DESIGN	27	17	0
15NR1A0539	RT31052	DATA COMMUNICATION	29	49	3
15NR1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	32	3
15NR1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	30	45	3
15NR1A0539	RT31055	OPERATING SYSTEMS	27	37	3
15NR1A0539	RT31056	COMPILER DESIGN LAB	24	49	2
15NR1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
15NR1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0539	RT31059	SEMINAR	49	0	1
15NR1A0540	RT31051	COMPILER DESIGN	11	5	0
15NR1A0540	RT31052	DATA COMMUNICATION	14	0	0
15NR1A0540	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	12	13	0
15NR1A0540	RT31054	DATABASE MANAGEMENT SYSTEMS	17	15	0
15NR1A0540	RT31055	OPERATING SYSTEMS	17	10	0
15NR1A0540	RT31056	COMPILER DESIGN LAB	15	39	2
15NR1A0540	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	30	2
15NR1A0540	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2
15NR1A0540	RT31059	SEMINAR	45	0	1
15NR1A0541	RT31051	COMPILER DESIGN	26	43	3
15NR1A0541	RT31052	DATA COMMUNICATION	29	62	3
15NR1A0541	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	36	3
15NR1A0541	RT31054	DATABASE MANAGEMENT SYSTEMS	28	37	3
15NR1A0541	RT31055	OPERATING SYSTEMS	27	25	3
15NR1A0541	RT31056	COMPILER DESIGN LAB	23	46	2
15NR1A0541	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
15NR1A0541	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
15NR1A0541	RT31059	SEMINAR	50	0	1
15NR1A0543	RT31051	COMPILER DESIGN	19	29	3
15NR1A0543	RT31052	DATA COMMUNICATION	22	24	3
15NR1A0543	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	15	0
15NR1A0543	RT31054	DATABASE MANAGEMENT SYSTEMS	19	40	3
15NR1A0543	RT31055	OPERATING SYSTEMS	17	34	3
15NR1A0543	RT31056	COMPILER DESIGN LAB	20	41	2
15NR1A0543	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	38	2
15NR1A0543	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
15NR1A0543	RT31059	SEMINAR	45	0	1
15NR1A0544	RT31051	COMPILER DESIGN	26	24	3
15NR1A0544	RT31052	DATA COMMUNICATION	21	33	3
15NR1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	32	3
15NR1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	27	28	3
15NR1A0544	RT31055	OPERATING SYSTEMS	27	30	3
15NR1A0544	RT31056	COMPILER DESIGN LAB	20	41	2
15NR1A0544	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0544	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
15NR1A0544	RT31059	SEMINAR	47	0	1
15NR1A0545	RT31051	COMPILER DESIGN	26	30	3
15NR1A0545	RT31052	DATA COMMUNICATION	30	27	3
15NR1A0545	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	25	3
15NR1A0545	RT31054	DATABASE MANAGEMENT SYSTEMS	26	38	3
15NR1A0545	RT31055	OPERATING SYSTEMS	27	38	3
15NR1A0545	RT31056	COMPILER DESIGN LAB	24	49	2
15NR1A0545	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
15NR1A0545	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0545	RT31059	SEMINAR	49	0	1
15NR1A0548	RT31051	COMPILER DESIGN	18	24	3
15NR1A0548	RT31052	DATA COMMUNICATION	21	24	3
15NR1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	19	17	0
15NR1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	18	6	0
15NR1A0548	RT31055	OPERATING SYSTEMS	17	6	0
15NR1A0548	RT31056	COMPILER DESIGN LAB	19	39	2
15NR1A0548	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
15NR1A0548	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	47	2
15NR1A0548	RT31059	SEMINAR	45	0	1
15NR1A0549	RT31051	COMPILER DESIGN	24	38	3
15NR1A0549	RT31052	DATA COMMUNICATION	28	27	3
15NR1A0549	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	39	3
15NR1A0549	RT31054	DATABASE MANAGEMENT SYSTEMS	25	48	3
15NR1A0549	RT31055	OPERATING SYSTEMS	23	47	3
15NR1A0549	RT31056	COMPILER DESIGN LAB	23	46	2
15NR1A0549	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0549	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	47	2
15NR1A0549	RT31059	SEMINAR	47	0	1
15NR1A0551	RT31051	COMPILER DESIGN	19	42	3
15NR1A0551	RT31052	DATA COMMUNICATION	19	39	3
15NR1A0551	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	31	3
15NR1A0551	RT31054	DATABASE MANAGEMENT SYSTEMS	21	33	3
15NR1A0551	RT31055	OPERATING SYSTEMS	25	28	3
15NR1A0551	RT31056	COMPILER DESIGN LAB	24	47	2
15NR1A0551	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15NR1A0551	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
15NR1A0551	RT31059	SEMINAR	48	0	1
15NR1A0552	RT31051	COMPILER DESIGN	22	27	3
15NR1A0552	RT31052	DATA COMMUNICATION	24	17	0
15NR1A0552	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
15NR1A0552	RT31054	DATABASE MANAGEMENT SYSTEMS	26	24	3
15NR1A0552	RT31055	OPERATING SYSTEMS	25	29	3
15NR1A0552	RT31056	COMPILER DESIGN LAB	22	45	2
15NR1A0552	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0552	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
15NR1A0552	RT31059	SEMINAR	48	0	1
15NR1A0553	RT31051	COMPILER DESIGN	22	40	3
15NR1A0553	RT31052	DATA COMMUNICATION	22	42	3
15NR1A0553	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	32	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0553	RT31054	DATABASE MANAGEMENT SYSTEMS	18	17	0
15NR1A0553	RT31055	OPERATING SYSTEMS	26	13	0
15NR1A0553	RT31056	COMPILER DESIGN LAB	23	45	2
15NR1A0553	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15NR1A0553	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
15NR1A0553	RT31059	SEMINAR	47	0	1
15NR1A0554	RT31051	COMPILER DESIGN	25	32	3
15NR1A0554	RT31052	DATA COMMUNICATION	24	24	3
15NR1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	43	3
15NR1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	26	49	3
15NR1A0554	RT31055	OPERATING SYSTEMS	27	35	3
15NR1A0554	RT31056	COMPILER DESIGN LAB	19	42	2
15NR1A0554	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15NR1A0554	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
15NR1A0554	RT31059	SEMINAR	48	0	1
15NR1A0555	RT31051	COMPILER DESIGN	27	59	3
15NR1A0555	RT31052	DATA COMMUNICATION	28	51	3
15NR1A0555	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	39	3
15NR1A0555	RT31054	DATABASE MANAGEMENT SYSTEMS	27	54	3
15NR1A0555	RT31055	OPERATING SYSTEMS	30	43	3
15NR1A0555	RT31056	COMPILER DESIGN LAB	24	49	2
15NR1A0555	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	49	2
15NR1A0555	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0555	RT31059	SEMINAR	50	0	1
15NR1A0556	RT31051	COMPILER DESIGN	25	15	0
15NR1A0556	RT31052	DATA COMMUNICATION	24	10	0
15NR1A0556	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	26	3
15NR1A0556	RT31054	DATABASE MANAGEMENT SYSTEMS	24	11	0
15NR1A0556	RT31055	OPERATING SYSTEMS	24	35	3
15NR1A0556	RT31056	COMPILER DESIGN LAB	19	44	2
15NR1A0556	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15NR1A0556	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	50	2
15NR1A0556	RT31059	SEMINAR	48	0	1
15NR1A0557	RT31051	COMPILER DESIGN	29	61	3
15NR1A0557	RT31052	DATA COMMUNICATION	30	70	3
15NR1A0557	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	30	63	3
15NR1A0557	RT31054	DATABASE MANAGEMENT SYSTEMS	29	37	3
15NR1A0557	RT31055	OPERATING SYSTEMS	29	48	3
15NR1A0557	RT31056	COMPILER DESIGN LAB	25	50	2
15NR1A0557	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	49	2
15NR1A0557	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	50	2
15NR1A0557	RT31059	SEMINAR	50	0	1
15NR5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	14	0	0
15NR5A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	21	0
15NR5A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	15	46	2
15NR5A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	34	3
15NR5A0104	RT31016	IPR & PATENTS	23	27	2
15NR5A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	40	3
15NR5A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	31	3
15NR5A0110	RT31011	GEOTECHNICAL ENGINEERING-I	17	43	3

Htno	Subcode	Subname	Internal	External	Credits
15NR5A0112	RT31015	TRANSPORTATION ENGINEERING-I	23	17	0
15NR5A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	24	3
15NR5A0114	RT31016	IPR & PATENTS	20	10	0
15NR5A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	41	3
15NR5A0115	RT31014	ENGINEERING GEOLOGY	25	17	0
15NR5A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	14	0
15NR5A0122	RT31011	GEOTECHNICAL ENGINEERING-I	20	17	0
15NR5A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	31	3
15NR5A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	20	0
15NR5A0126	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	32	3
15NR5A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	26	3
15NR5A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	31	3
15NR5A0130	RT31015	TRANSPORTATION ENGINEERING-I	21	30	3
15NR5A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	31	3
15NR5A0134	RT31014	ENGINEERING GEOLOGY	18	47	3
15NR5A0134	RT31015	TRANSPORTATION ENGINEERING-I	24	24	3
15NR5A0143	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	31	3
15NR5A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	16	0
15NR5A0205	RT31022	MEFA	19	31	3
15NR5A0205	RT31024	ELECTRICAL MACHINES-III	15	36	3
15NR5A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	12	0
15NR5A0207	RT31021	ELECTRICAL MEASUREMENTS	19	31	3
15NR5A0209	RT31024	ELECTRICAL MACHINES-III	19	20	0
15NR5A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	4	18	0
15NR5A0217	RT31021	ELECTRICAL MEASUREMENTS	15	2	0
15NR5A0217	RT31022	MEFA	17	9	0
15NR5A0217	RT31023	POWER SYSTEMS-II	21	11	0
15NR5A0217	RT31024	ELECTRICAL MACHINES-III	13	7	0
15NR5A0217	RT31025	POWER ELECTRONICS	14	5	0
15NR5A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	0	0
15NR5A0220	RT31021	ELECTRICAL MEASUREMENTS	21	16	0
15NR5A0220	RT31023	POWER SYSTEMS-II	21	11	0
15NR5A0220	RT31024	ELECTRICAL MACHINES-III	20	0	0
15NR5A0220	RT31025	POWER ELECTRONICS	17	0	0
15NR5A0226	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	10	0
15NR5A0230	RT31016	IPR & PATENTS	19	31	2
15NR5A0230	RT31021	ELECTRICAL MEASUREMENTS	7	15	0
15NR5A0230	RT31025	POWER ELECTRONICS	9	0	0
15NR5A0230	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	8	0
15NR5A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	19	0
15NR5A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	29	28	3
15NR5A0236	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	11	0
15NR5A0314	RT31031	DYNAMICS OF MACHINERY	14	30	3
15NR5A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	8	24	0
15NR5A0314	RT31035	THERMAL ENGINEERING-II	11	21	0
15NR5A0319	RT31031	DYNAMICS OF MACHINERY	14	16	0
15NR5A0319	RT31035	THERMAL ENGINEERING-II	25	30	3
15NR5A0320	RT31035	THERMAL ENGINEERING-II	27	28	3
15NR5A0322	RT31035	THERMAL ENGINEERING-II	2	21	0
15NR5A0327	RT31031	DYNAMICS OF MACHINERY	13	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15NR5A0327	RT31032	METAL CUTTING & MACHINE TOOLS	11	10	0
15NR5A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	20	15	0
15NR5A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	0	0
15NR5A0327	RT31035	THERMAL ENGINEERING-II	11	6	0
15NR5A0327	RT31036	METROLOGY	9	3	0
15NR5A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	16	0
15NR5A0352	RT31032	METAL CUTTING & MACHINE TOOLS	26	38	3
15NR5A0352	RT31035	THERMAL ENGINEERING-II	26	29	3
15NR5A0402	RT31041	PULSE & DIGITAL CIRCUITS	24	16	0
15NR5A0404	RT31041	PULSE & DIGITAL CIRCUITS	25	24	3
15NR5A0404	RT31043	CONTROL SYSTEMS	25	2	0
15NR5A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	17	25	3
15NR5A0407	RT31043	CONTROL SYSTEMS	24	30	3
15NR5A0410	RT31041	PULSE & DIGITAL CIRCUITS	20	13	0
15NR5A0410	RT31043	CONTROL SYSTEMS	20	15	0
15NR5A0411	RT31041	PULSE & DIGITAL CIRCUITS	25	36	3
15NR5A0411	RT31044	DIGITAL SYSTEM DESIGN & DICA	15	53	3
15NR5A0412	RT31041	PULSE & DIGITAL CIRCUITS	25	11	0
15NR5A0412	RT31043	CONTROL SYSTEMS	12	25	0
15NR5A0502	RT31052	DATA COMMUNICATION	17	16	0
15NR5A0502	RT31056	COMPILER DESIGN LAB	10	40	2
15NR5A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	18	34	3
15NR5A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	16	29	3
15NR5A0508	RT31051	COMPILER DESIGN	24	31	3
16NR5A0101	RT31011	GEOTECHNICAL ENGINEERING-I	21	33	3
16NR5A0101	RT31012	STRUCTURAL ANALYSIS-II	22	24	3
16NR5A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	34	3
16NR5A0101	RT31014	ENGINEERING GEOLOGY	24	37	3
16NR5A0101	RT31015	TRANSPORTATION ENGINEERING-I	21	9	0
16NR5A0101	RT31016	IPR & PATENTS	19	26	2
16NR5A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	16	46	2
16NR5A0101	RT31018	ENGINEERING GEOLOGY LAB	18	41	2
16NR5A0102	RT31011	GEOTECHNICAL ENGINEERING-I	5	0	0
16NR5A0102	RT31012	STRUCTURAL ANALYSIS-II	4	-1	0
16NR5A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	6	0
16NR5A0102	RT31014	ENGINEERING GEOLOGY	5	28	0
16NR5A0102	RT31015	TRANSPORTATION ENGINEERING-I	14	33	3
16NR5A0102	RT31016	IPR & PATENTS	5	25	0
16NR5A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	11	45	2
16NR5A0102	RT31018	ENGINEERING GEOLOGY LAB	12	35	2
16NR5A0103	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
16NR5A0103	RT31012	STRUCTURAL ANALYSIS-II	22	37	3
16NR5A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	53	3
16NR5A0103	RT31014	ENGINEERING GEOLOGY	24	28	3
16NR5A0103	RT31015	TRANSPORTATION ENGINEERING-I	24	30	3
16NR5A0103	RT31016	IPR & PATENTS	23	37	2
16NR5A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	21	49	2
16NR5A0103	RT31018	ENGINEERING GEOLOGY LAB	22	38	2
16NR5A0104	RT31011	GEOTECHNICAL ENGINEERING-I	29	37	3
16NR5A0104	RT31012	STRUCTURAL ANALYSIS-II	28	38	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	36	3
16NR5A0104	RT31014	ENGINEERING GEOLOGY	29	33	3
16NR5A0104	RT31015	TRANSPORTATION ENGINEERING-I	27	24	3
16NR5A0104	RT31016	IPR & PATENTS	27	30	2
16NR5A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	20	49	2
16NR5A0104	RT31018	ENGINEERING GEOLOGY LAB	19	42	2
16NR5A0105	RT31011	GEOTECHNICAL ENGINEERING-I	9	15	0
16NR5A0105	RT31012	STRUCTURAL ANALYSIS-II	18	6	0
16NR5A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	40	3
16NR5A0105	RT31014	ENGINEERING GEOLOGY	18	26	3
16NR5A0105	RT31015	TRANSPORTATION ENGINEERING-I	14	9	0
16NR5A0105	RT31016	IPR & PATENTS	11	26	0
16NR5A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	12	45	2
16NR5A0105	RT31018	ENGINEERING GEOLOGY LAB	12	33	2
16NR5A0107	RT31011	GEOTECHNICAL ENGINEERING-I	22	24	3
16NR5A0107	RT31012	STRUCTURAL ANALYSIS-II	26	28	3
16NR5A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	34	3
16NR5A0107	RT31014	ENGINEERING GEOLOGY	23	27	3
16NR5A0107	RT31015	TRANSPORTATION ENGINEERING-I	28	39	3
16NR5A0107	RT31016	IPR & PATENTS	26	24	2
16NR5A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	15	49	2
16NR5A0107	RT31018	ENGINEERING GEOLOGY LAB	19	44	2
16NR5A0108	RT31011	GEOTECHNICAL ENGINEERING-I	5	-1	0
16NR5A0108	RT31012	STRUCTURAL ANALYSIS-II	4	-1	0
16NR5A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
16NR5A0108	RT31014	ENGINEERING GEOLOGY	5	-1	0
16NR5A0108	RT31015	TRANSPORTATION ENGINEERING-I	4	-1	0
16NR5A0108	RT31016	IPR & PATENTS	5	-1	0
16NR5A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16NR5A0108	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0
16NR5A0109	RT31011	GEOTECHNICAL ENGINEERING-I	24	24	3
16NR5A0109	RT31012	STRUCTURAL ANALYSIS-II	16	41	3
16NR5A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	25	3
16NR5A0109	RT31014	ENGINEERING GEOLOGY	24	38	3
16NR5A0109	RT31015	TRANSPORTATION ENGINEERING-I	20	35	3
16NR5A0109	RT31016	IPR & PATENTS	24	39	2
16NR5A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	19	49	2
16NR5A0109	RT31018	ENGINEERING GEOLOGY LAB	18	42	2
16NR5A0111	RT31011	GEOTECHNICAL ENGINEERING-I	28	35	3
16NR5A0111	RT31012	STRUCTURAL ANALYSIS-II	30	41	3
16NR5A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	56	3
16NR5A0111	RT31014	ENGINEERING GEOLOGY	24	42	3
16NR5A0111	RT31015	TRANSPORTATION ENGINEERING-I	30	52	3
16NR5A0111	RT31016	IPR & PATENTS	27	32	2
16NR5A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	23	50	2
16NR5A0111	RT31018	ENGINEERING GEOLOGY LAB	19	45	2
16NR5A0112	RT31011	GEOTECHNICAL ENGINEERING-I	29	24	3
16NR5A0112	RT31012	STRUCTURAL ANALYSIS-II	29	30	3
16NR5A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	42	3
16NR5A0112	RT31014	ENGINEERING GEOLOGY	30	24	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0112	RT31015	TRANSPORTATION ENGINEERING-I	28	42	3
16NR5A0112	RT31016	IPR & PATENTS	30	25	2
16NR5A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	19	48	2
16NR5A0112	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
16NR5A0113	RT31011	GEOTECHNICAL ENGINEERING-I	26	14	0
16NR5A0113	RT31012	STRUCTURAL ANALYSIS-II	24	40	3
16NR5A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	15	40	3
16NR5A0113	RT31014	ENGINEERING GEOLOGY	27	37	3
16NR5A0113	RT31015	TRANSPORTATION ENGINEERING-I	28	37	3
16NR5A0113	RT31016	IPR & PATENTS	27	34	2
16NR5A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	23	50	2
16NR5A0113	RT31018	ENGINEERING GEOLOGY LAB	20	35	2
16NR5A0114	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
16NR5A0114	RT31012	STRUCTURAL ANALYSIS-II	26	38	3
16NR5A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	31	3
16NR5A0114	RT31014	ENGINEERING GEOLOGY	22	35	3
16NR5A0114	RT31015	TRANSPORTATION ENGINEERING-I	28	29	3
16NR5A0114	RT31016	IPR & PATENTS	24	25	2
16NR5A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	20	49	2
16NR5A0114	RT31018	ENGINEERING GEOLOGY LAB	19	39	2
16NR5A0115	RT31011	GEOTECHNICAL ENGINEERING-I	30	36	3
16NR5A0115	RT31012	STRUCTURAL ANALYSIS-II	29	30	3
16NR5A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	50	3
16NR5A0115	RT31014	ENGINEERING GEOLOGY	28	32	3
16NR5A0115	RT31015	TRANSPORTATION ENGINEERING-I	23	17	0
16NR5A0115	RT31016	IPR & PATENTS	27	31	2
16NR5A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	22	50	2
16NR5A0115	RT31018	ENGINEERING GEOLOGY LAB	22	43	2
16NR5A0116	RT31011	GEOTECHNICAL ENGINEERING-I	21	5	0
16NR5A0116	RT31012	STRUCTURAL ANALYSIS-II	22	30	3
16NR5A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	14	34	3
16NR5A0116	RT31014	ENGINEERING GEOLOGY	26	34	3
16NR5A0116	RT31015	TRANSPORTATION ENGINEERING-I	30	38	3
16NR5A0116	RT31016	IPR & PATENTS	25	10	0
16NR5A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	16	48	2
16NR5A0116	RT31018	ENGINEERING GEOLOGY LAB	16	35	2
16NR5A0117	RT31011	GEOTECHNICAL ENGINEERING-I	28	39	3
16NR5A0117	RT31012	STRUCTURAL ANALYSIS-II	28	45	3
16NR5A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	18	60	3
16NR5A0117	RT31014	ENGINEERING GEOLOGY	29	38	3
16NR5A0117	RT31015	TRANSPORTATION ENGINEERING-I	30	31	3
16NR5A0117	RT31016	IPR & PATENTS	27	32	2
16NR5A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	22	49	2
16NR5A0117	RT31018	ENGINEERING GEOLOGY LAB	20	41	2
16NR5A0118	RT31011	GEOTECHNICAL ENGINEERING-I	5	-1	0
16NR5A0118	RT31012	STRUCTURAL ANALYSIS-II	4	-1	0
16NR5A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
16NR5A0118	RT31014	ENGINEERING GEOLOGY	5	-1	0
16NR5A0118	RT31015	TRANSPORTATION ENGINEERING-I	4	-1	0
16NR5A0118	RT31016	IPR & PATENTS	5	-1	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16NR5A0118	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0
16NR5A0119	RT31011	GEOTECHNICAL ENGINEERING-I	28	35	3
16NR5A0119	RT31012	STRUCTURAL ANALYSIS-II	30	64	3
16NR5A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	56	3
16NR5A0119	RT31014	ENGINEERING GEOLOGY	29	40	3
16NR5A0119	RT31015	TRANSPORTATION ENGINEERING-I	27	44	3
16NR5A0119	RT31016	IPR & PATENTS	28	35	2
16NR5A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	22	50	2
16NR5A0119	RT31018	ENGINEERING GEOLOGY LAB	20	39	2
16NR5A0120	RT31011	GEOTECHNICAL ENGINEERING-I	19	5	0
16NR5A0120	RT31012	STRUCTURAL ANALYSIS-II	15	20	0
16NR5A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	31	3
16NR5A0120	RT31014	ENGINEERING GEOLOGY	23	14	0
16NR5A0120	RT31015	TRANSPORTATION ENGINEERING-I	28	11	0
16NR5A0120	RT31016	IPR & PATENTS	10	2	0
16NR5A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	18	48	2
16NR5A0120	RT31018	ENGINEERING GEOLOGY LAB	18	38	2
16NR5A0121	RT31011	GEOTECHNICAL ENGINEERING-I	24	9	0
16NR5A0121	RT31012	STRUCTURAL ANALYSIS-II	21	37	3
16NR5A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	16	25	3
16NR5A0121	RT31014	ENGINEERING GEOLOGY	25	24	3
16NR5A0121	RT31015	TRANSPORTATION ENGINEERING-I	24	39	3
16NR5A0121	RT31016	IPR & PATENTS	26	26	2
16NR5A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	17	47	2
16NR5A0121	RT31018	ENGINEERING GEOLOGY LAB	16	43	2
16NR5A0122	RT31011	GEOTECHNICAL ENGINEERING-I	5	-1	0
16NR5A0122	RT31012	STRUCTURAL ANALYSIS-II	4	-1	0
16NR5A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	-1	0
16NR5A0122	RT31014	ENGINEERING GEOLOGY	5	-1	0
16NR5A0122	RT31015	TRANSPORTATION ENGINEERING-I	4	-1	0
16NR5A0122	RT31016	IPR & PATENTS	5	-1	0
16NR5A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16NR5A0122	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0
16NR5A0123	RT31011	GEOTECHNICAL ENGINEERING-I	23	24	3
16NR5A0123	RT31012	STRUCTURAL ANALYSIS-II	20	32	3
16NR5A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	34	3
16NR5A0123	RT31014	ENGINEERING GEOLOGY	18	39	3
16NR5A0123	RT31015	TRANSPORTATION ENGINEERING-I	24	31	3
16NR5A0123	RT31016	IPR & PATENTS	24	29	2
16NR5A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	12	47	2
16NR5A0123	RT31018	ENGINEERING GEOLOGY LAB	13	35	2
16NR5A0124	RT31011	GEOTECHNICAL ENGINEERING-I	5	12	0
16NR5A0124	RT31012	STRUCTURAL ANALYSIS-II	4	45	3
16NR5A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	0	52	3
16NR5A0124	RT31014	ENGINEERING GEOLOGY	5	35	3
16NR5A0124	RT31015	TRANSPORTATION ENGINEERING-I	5	30	0
16NR5A0124	RT31016	IPR & PATENTS	5	11	0
16NR5A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	12	-1	0
16NR5A0124	RT31018	ENGINEERING GEOLOGY LAB	12	-1	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0125	RT31011	GEOTECHNICAL ENGINEERING-I	23	14	0
16NR5A0125	RT31012	STRUCTURAL ANALYSIS-II	22	37	3
16NR5A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	49	3
16NR5A0125	RT31014	ENGINEERING GEOLOGY	27	26	3
16NR5A0125	RT31015	TRANSPORTATION ENGINEERING-I	27	42	3
16NR5A0125	RT31016	IPR & PATENTS	25	30	2
16NR5A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	23	50	2
16NR5A0125	RT31018	ENGINEERING GEOLOGY LAB	22	35	2
16NR5A0201	RT31016	IPR & PATENTS	23	41	2
16NR5A0201	RT31021	ELECTRICAL MEASUREMENTS	25	43	3
16NR5A0201	RT31022	MEFA	25	58	3
16NR5A0201	RT31023	POWER SYSTEMS-II	29	33	3
16NR5A0201	RT31024	ELECTRICAL MACHINES-III	30	46	3
16NR5A0201	RT31025	POWER ELECTRONICS	26	24	3
16NR5A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	30	48	3
16NR5A0201	RT31027	ELECTRICAL MACHINES-II LAB	23	44	2
16NR5A0201	RT31028	CONTROL SYSTEMS LAB	25	48	2
16NR5A0202	RT31016	IPR & PATENTS	23	38	2
16NR5A0202	RT31021	ELECTRICAL MEASUREMENTS	24	34	3
16NR5A0202	RT31022	MEFA	25	38	3
16NR5A0202	RT31023	POWER SYSTEMS-II	28	31	3
16NR5A0202	RT31024	ELECTRICAL MACHINES-III	26	15	0
16NR5A0202	RT31025	POWER ELECTRONICS	20	30	3
16NR5A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	33	3
16NR5A0202	RT31027	ELECTRICAL MACHINES-II LAB	23	49	2
16NR5A0202	RT31028	CONTROL SYSTEMS LAB	24	48	2
16NR5A0203	RT31016	IPR & PATENTS	18	20	0
16NR5A0203	RT31021	ELECTRICAL MEASUREMENTS	20	6	0
16NR5A0203	RT31022	MEFA	24	24	3
16NR5A0203	RT31023	POWER SYSTEMS-II	18	24	3
16NR5A0203	RT31024	ELECTRICAL MACHINES-III	26	24	3
16NR5A0203	RT31025	POWER ELECTRONICS	16	13	0
16NR5A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	24	3
16NR5A0203	RT31027	ELECTRICAL MACHINES-II LAB	21	45	2
16NR5A0203	RT31028	CONTROL SYSTEMS LAB	24	48	2
16NR5A0205	RT31016	IPR & PATENTS	23	40	2
16NR5A0205	RT31021	ELECTRICAL MEASUREMENTS	21	41	3
16NR5A0205	RT31022	MEFA	25	25	3
16NR5A0205	RT31023	POWER SYSTEMS-II	24	24	3
16NR5A0205	RT31024	ELECTRICAL MACHINES-III	24	30	3
16NR5A0205	RT31025	POWER ELECTRONICS	19	12	0
16NR5A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	16	0
16NR5A0205	RT31027	ELECTRICAL MACHINES-II LAB	19	38	2
16NR5A0205	RT31028	CONTROL SYSTEMS LAB	20	37	2
16NR5A0207	RT31016	IPR & PATENTS	25	24	2
16NR5A0207	RT31021	ELECTRICAL MEASUREMENTS	22	29	3
16NR5A0207	RT31022	MEFA	27	40	3
16NR5A0207	RT31023	POWER SYSTEMS-II	26	24	3
16NR5A0207	RT31024	ELECTRICAL MACHINES-III	28	33	3
16NR5A0207	RT31025	POWER ELECTRONICS	20	20	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	24	3
16NR5A0207	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
16NR5A0207	RT31028	CONTROL SYSTEMS LAB	23	42	2
16NR5A0208	RT31016	IPR & PATENTS	26	38	2
16NR5A0208	RT31021	ELECTRICAL MEASUREMENTS	26	31	3
16NR5A0208	RT31022	MEFA	25	28	3
16NR5A0208	RT31023	POWER SYSTEMS-II	27	38	3
16NR5A0208	RT31024	ELECTRICAL MACHINES-III	28	12	0
16NR5A0208	RT31025	POWER ELECTRONICS	22	8	0
16NR5A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	24	3
16NR5A0208	RT31027	ELECTRICAL MACHINES-II LAB	22	45	2
16NR5A0208	RT31028	CONTROL SYSTEMS LAB	24	46	2
16NR5A0209	RT31016	IPR & PATENTS	28	28	2
16NR5A0209	RT31021	ELECTRICAL MEASUREMENTS	27	26	3
16NR5A0209	RT31022	MEFA	28	35	3
16NR5A0209	RT31023	POWER SYSTEMS-II	26	36	3
16NR5A0209	RT31024	ELECTRICAL MACHINES-III	28	37	3
16NR5A0209	RT31025	POWER ELECTRONICS	20	34	3
16NR5A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	24	3
16NR5A0209	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
16NR5A0209	RT31028	CONTROL SYSTEMS LAB	23	42	2
16NR5A0210	RT31016	IPR & PATENTS	24	37	2
16NR5A0210	RT31021	ELECTRICAL MEASUREMENTS	25	29	3
16NR5A0210	RT31022	MEFA	26	30	3
16NR5A0210	RT31023	POWER SYSTEMS-II	23	48	3
16NR5A0210	RT31024	ELECTRICAL MACHINES-III	28	54	3
16NR5A0210	RT31025	POWER ELECTRONICS	23	26	3
16NR5A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	43	3
16NR5A0210	RT31027	ELECTRICAL MACHINES-II LAB	23	47	2
16NR5A0210	RT31028	CONTROL SYSTEMS LAB	24	49	2
16NR5A0211	RT31016	IPR & PATENTS	0	-1	0
16NR5A0211	RT31021	ELECTRICAL MEASUREMENTS	0	-1	0
16NR5A0211	RT31022	MEFA	0	-1	0
16NR5A0211	RT31023	POWER SYSTEMS-II	0	-1	0
16NR5A0211	RT31024	ELECTRICAL MACHINES-III	0	-1	0
16NR5A0211	RT31025	POWER ELECTRONICS	0	-1	0
16NR5A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	0	-1	0
16NR5A0211	RT31027	ELECTRICAL MACHINES-II LAB	0	-1	0
16NR5A0211	RT31028	CONTROL SYSTEMS LAB	0	-1	0
16NR5A0213	RT31016	IPR & PATENTS	20	32	2
16NR5A0213	RT31021	ELECTRICAL MEASUREMENTS	21	24	3
16NR5A0213	RT31022	MEFA	23	28	3
16NR5A0213	RT31023	POWER SYSTEMS-II	22	9	0
16NR5A0213	RT31024	ELECTRICAL MACHINES-III	24	6	0
16NR5A0213	RT31025	POWER ELECTRONICS	20	4	0
16NR5A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	24	3
16NR5A0213	RT31027	ELECTRICAL MACHINES-II LAB	14	35	2
16NR5A0213	RT31028	CONTROL SYSTEMS LAB	17	25	2
16NR5A0214	RT31016	IPR & PATENTS	23	13	0
16NR5A0214	RT31021	ELECTRICAL MEASUREMENTS	20	9	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0214	RT31022	MEFA	23	24	3
16NR5A0214	RT31023	POWER SYSTEMS-II	24	14	0
16NR5A0214	RT31024	ELECTRICAL MACHINES-III	19	35	3
16NR5A0214	RT31025	POWER ELECTRONICS	24	11	0
16NR5A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	12	0
16NR5A0214	RT31027	ELECTRICAL MACHINES-II LAB	15	35	2
16NR5A0214	RT31028	CONTROL SYSTEMS LAB	20	43	2
16NR5A0215	RT31016	IPR & PATENTS	25	32	2
16NR5A0215	RT31021	ELECTRICAL MEASUREMENTS	25	24	3
16NR5A0215	RT31022	MEFA	26	24	3
16NR5A0215	RT31023	POWER SYSTEMS-II	25	24	3
16NR5A0215	RT31024	ELECTRICAL MACHINES-III	21	24	3
16NR5A0215	RT31025	POWER ELECTRONICS	23	18	0
16NR5A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	27	3
16NR5A0215	RT31027	ELECTRICAL MACHINES-II LAB	18	41	2
16NR5A0215	RT31028	CONTROL SYSTEMS LAB	23	44	2
16NR5A0216	RT31016	IPR & PATENTS	22	38	2
16NR5A0216	RT31021	ELECTRICAL MEASUREMENTS	26	31	3
16NR5A0216	RT31022	MEFA	26	59	3
16NR5A0216	RT31023	POWER SYSTEMS-II	29	31	3
16NR5A0216	RT31024	ELECTRICAL MACHINES-III	28	51	3
16NR5A0216	RT31025	POWER ELECTRONICS	25	36	3
16NR5A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	35	3
16NR5A0216	RT31027	ELECTRICAL MACHINES-II LAB	23	43	2
16NR5A0216	RT31028	CONTROL SYSTEMS LAB	23	46	2
16NR5A0218	RT31016	IPR & PATENTS	25	26	2
16NR5A0218	RT31021	ELECTRICAL MEASUREMENTS	23	24	3
16NR5A0218	RT31022	MEFA	20	29	3
16NR5A0218	RT31023	POWER SYSTEMS-II	20	24	3
16NR5A0218	RT31024	ELECTRICAL MACHINES-III	23	6	0
16NR5A0218	RT31025	POWER ELECTRONICS	22	7	0
16NR5A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	16	0
16NR5A0218	RT31027	ELECTRICAL MACHINES-II LAB	20	40	2
16NR5A0218	RT31028	CONTROL SYSTEMS LAB	22	43	2
16NR5A0219	RT31016	IPR & PATENTS	26	32	2
16NR5A0219	RT31021	ELECTRICAL MEASUREMENTS	28	37	3
16NR5A0219	RT31022	MEFA	28	45	3
16NR5A0219	RT31023	POWER SYSTEMS-II	28	56	3
16NR5A0219	RT31024	ELECTRICAL MACHINES-III	28	61	3
16NR5A0219	RT31025	POWER ELECTRONICS	26	56	3
16NR5A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	52	3
16NR5A0219	RT31027	ELECTRICAL MACHINES-II LAB	24	49	2
16NR5A0219	RT31028	CONTROL SYSTEMS LAB	25	49	2
16NR5A0301	RT31016	IPR & PATENTS	19	16	0
16NR5A0301	RT31031	DYNAMICS OF MACHINERY	20	9	0
16NR5A0301	RT31032	METAL CUTTING & MACHINE TOOLS	20	14	0
16NR5A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	20	31	3
16NR5A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	12	0
16NR5A0301	RT31035	THERMAL ENGINEERING-II	22	14	0
16NR5A0301	RT31036	METROLOGY	21	15	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
16NR5A0301	RT31038	MACHINE TOOLS LAB	22	45	2
16NR5A0302	RT31016	IPR & PATENTS	0	-1	0
16NR5A0302	RT31031	DYNAMICS OF MACHINERY	0	-1	0
16NR5A0302	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
16NR5A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-1	0
16NR5A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
16NR5A0302	RT31035	THERMAL ENGINEERING-II	0	-1	0
16NR5A0302	RT31036	METROLOGY	0	-1	0
16NR5A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0302	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0303	RT31016	IPR & PATENTS	0	-1	0
16NR5A0303	RT31031	DYNAMICS OF MACHINERY	0	-1	0
16NR5A0303	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
16NR5A0303	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-1	0
16NR5A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
16NR5A0303	RT31035	THERMAL ENGINEERING-II	0	-1	0
16NR5A0303	RT31036	METROLOGY	0	-1	0
16NR5A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0303	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0304	RT31016	IPR & PATENTS	16	34	2
16NR5A0304	RT31031	DYNAMICS OF MACHINERY	16	40	3
16NR5A0304	RT31032	METAL CUTTING & MACHINE TOOLS	16	51	3
16NR5A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	23	39	3
16NR5A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	12	0
16NR5A0304	RT31035	THERMAL ENGINEERING-II	15	31	3
16NR5A0304	RT31036	METROLOGY	19	24	3
16NR5A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
16NR5A0304	RT31038	MACHINE TOOLS LAB	20	-1	0
16NR5A0305	RT31016	IPR & PATENTS	21	33	2
16NR5A0305	RT31031	DYNAMICS OF MACHINERY	17	29	3
16NR5A0305	RT31032	METAL CUTTING & MACHINE TOOLS	18	29	3
16NR5A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	28	42	3
16NR5A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	24	3
16NR5A0305	RT31035	THERMAL ENGINEERING-II	12	28	3
16NR5A0305	RT31036	METROLOGY	20	33	3
16NR5A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
16NR5A0305	RT31038	MACHINE TOOLS LAB	22	45	2
16NR5A0306	RT31016	IPR & PATENTS	21	27	2
16NR5A0306	RT31031	DYNAMICS OF MACHINERY	18	31	3
16NR5A0306	RT31032	METAL CUTTING & MACHINE TOOLS	22	36	3
16NR5A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	21	26	3
16NR5A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	37	3
16NR5A0306	RT31035	THERMAL ENGINEERING-II	24	31	3
16NR5A0306	RT31036	METROLOGY	20	31	3
16NR5A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
16NR5A0306	RT31038	MACHINE TOOLS LAB	22	45	2
16NR5A0307	RT31016	IPR & PATENTS	22	28	2
16NR5A0307	RT31031	DYNAMICS OF MACHINERY	23	15	0
16NR5A0307	RT31032	METAL CUTTING & MACHINE TOOLS	26	67	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	27	42	3
16NR5A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	16	0
16NR5A0307	RT31035	THERMAL ENGINEERING-II	24	35	3
16NR5A0307	RT31036	METROLOGY	22	32	3
16NR5A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	24	50	2
16NR5A0307	RT31038	MACHINE TOOLS LAB	24	46	2
16NR5A0308	RT31016	IPR & PATENTS	20	25	2
16NR5A0308	RT31031	DYNAMICS OF MACHINERY	21	43	3
16NR5A0308	RT31032	METAL CUTTING & MACHINE TOOLS	21	61	3
16NR5A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	26	43	3
16NR5A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	19	0
16NR5A0308	RT31035	THERMAL ENGINEERING-II	24	38	3
16NR5A0308	RT31036	METROLOGY	24	24	3
16NR5A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
16NR5A0308	RT31038	MACHINE TOOLS LAB	22	46	2
16NR5A0309	RT31016	IPR & PATENTS	4	-1	0
16NR5A0309	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0309	RT31032	METAL CUTTING & MACHINE TOOLS	5	-1	0
16NR5A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0309	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0309	RT31036	METROLOGY	4	-1	0
16NR5A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0309	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0310	RT31016	IPR & PATENTS	17	-1	0
16NR5A0310	RT31031	DYNAMICS OF MACHINERY	13	-1	0
16NR5A0310	RT31032	METAL CUTTING & MACHINE TOOLS	16	-1	0
16NR5A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	12	-1	0
16NR5A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	-1	0
16NR5A0310	RT31035	THERMAL ENGINEERING-II	19	-1	0
16NR5A0310	RT31036	METROLOGY	19	-1	0
16NR5A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	18	46	2
16NR5A0310	RT31038	MACHINE TOOLS LAB	22	45	2
16NR5A0311	RT31016	IPR & PATENTS	0	-1	0
16NR5A0311	RT31031	DYNAMICS OF MACHINERY	0	-1	0
16NR5A0311	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
16NR5A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-1	0
16NR5A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
16NR5A0311	RT31035	THERMAL ENGINEERING-II	0	-1	0
16NR5A0311	RT31036	METROLOGY	0	-1	0
16NR5A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0311	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0312	RT31016	IPR & PATENTS	20	25	2
16NR5A0312	RT31031	DYNAMICS OF MACHINERY	13	35	3
16NR5A0312	RT31032	METAL CUTTING & MACHINE TOOLS	22	33	3
16NR5A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	24	24	3
16NR5A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	10	0
16NR5A0312	RT31035	THERMAL ENGINEERING-II	24	30	3
16NR5A0312	RT31036	METROLOGY	20	15	0
16NR5A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0312	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0313	RT31016	IPR & PATENTS	3	-1	0
16NR5A0313	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0313	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	3	-1	0
16NR5A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	3	-1	0
16NR5A0313	RT31035	THERMAL ENGINEERING-II	3	-1	0
16NR5A0313	RT31036	METROLOGY	3	-1	0
16NR5A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0313	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0314	RT31016	IPR & PATENTS	0	-1	0
16NR5A0314	RT31031	DYNAMICS OF MACHINERY	0	-1	0
16NR5A0314	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
16NR5A0314	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-1	0
16NR5A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
16NR5A0314	RT31035	THERMAL ENGINEERING-II	0	-1	0
16NR5A0314	RT31036	METROLOGY	0	-1	0
16NR5A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0314	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0315	RT31016	IPR & PATENTS	4	-1	0
16NR5A0315	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0315	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0315	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0315	RT31036	METROLOGY	4	-1	0
16NR5A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0315	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0316	RT31016	IPR & PATENTS	26	37	2
16NR5A0316	RT31031	DYNAMICS OF MACHINERY	24	50	3
16NR5A0316	RT31032	METAL CUTTING & MACHINE TOOLS	27	43	3
16NR5A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	27	45	3
16NR5A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	36	3
16NR5A0316	RT31035	THERMAL ENGINEERING-II	25	47	3
16NR5A0316	RT31036	METROLOGY	24	32	3
16NR5A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	18	45	2
16NR5A0316	RT31038	MACHINE TOOLS LAB	22	50	2
16NR5A0317	RT31016	IPR & PATENTS	23	35	2
16NR5A0317	RT31031	DYNAMICS OF MACHINERY	20	35	3
16NR5A0317	RT31032	METAL CUTTING & MACHINE TOOLS	27	32	3
16NR5A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	29	42	3
16NR5A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	28	3
16NR5A0317	RT31035	THERMAL ENGINEERING-II	22	28	3
16NR5A0317	RT31036	METROLOGY	22	30	3
16NR5A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
16NR5A0317	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0318	RT31016	IPR & PATENTS	23	27	2
16NR5A0318	RT31031	DYNAMICS OF MACHINERY	25	47	3
16NR5A0318	RT31032	METAL CUTTING & MACHINE TOOLS	25	51	3
16NR5A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	26	34	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	41	3
16NR5A0318	RT31035	THERMAL ENGINEERING-II	25	45	3
16NR5A0318	RT31036	METROLOGY	25	40	3
16NR5A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
16NR5A0318	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0319	RT31016	IPR & PATENTS	19	25	2
16NR5A0319	RT31031	DYNAMICS OF MACHINERY	15	25	3
16NR5A0319	RT31032	METAL CUTTING & MACHINE TOOLS	23	35	3
16NR5A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	23	26	3
16NR5A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	12	0
16NR5A0319	RT31035	THERMAL ENGINEERING-II	20	24	3
16NR5A0319	RT31036	METROLOGY	26	40	3
16NR5A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
16NR5A0319	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0320	RT31016	IPR & PATENTS	23	26	2
16NR5A0320	RT31031	DYNAMICS OF MACHINERY	16	37	3
16NR5A0320	RT31032	METAL CUTTING & MACHINE TOOLS	23	30	3
16NR5A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	17	36	3
16NR5A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	14	0
16NR5A0320	RT31035	THERMAL ENGINEERING-II	21	31	3
16NR5A0320	RT31036	METROLOGY	21	11	0
16NR5A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	24	50	2
16NR5A0320	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0321	RT31016	IPR & PATENTS	29	41	2
16NR5A0321	RT31031	DYNAMICS OF MACHINERY	24	41	3
16NR5A0321	RT31032	METAL CUTTING & MACHINE TOOLS	27	35	3
16NR5A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	28	49	3
16NR5A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	26	32	3
16NR5A0321	RT31035	THERMAL ENGINEERING-II	25	37	3
16NR5A0321	RT31036	METROLOGY	23	36	3
16NR5A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	25	47	2
16NR5A0321	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0322	RT31016	IPR & PATENTS	4	-1	0
16NR5A0322	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0322	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0322	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0322	RT31036	METROLOGY	4	-1	0
16NR5A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0322	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0323	RT31016	IPR & PATENTS	23	36	2
16NR5A0323	RT31031	DYNAMICS OF MACHINERY	22	24	3
16NR5A0323	RT31032	METAL CUTTING & MACHINE TOOLS	30	69	3
16NR5A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	28	44	3
16NR5A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	24	3
16NR5A0323	RT31035	THERMAL ENGINEERING-II	25	35	3
16NR5A0323	RT31036	METROLOGY	24	47	3
16NR5A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	24	50	2
16NR5A0323	RT31038	MACHINE TOOLS LAB	22	50	2

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0324	RT31016	IPR & PATENTS	21	40	2
16NR5A0324	RT31031	DYNAMICS OF MACHINERY	17	47	3
16NR5A0324	RT31032	METAL CUTTING & MACHINE TOOLS	21	33	3
16NR5A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	24	46	3
16NR5A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	30	3
16NR5A0324	RT31035	THERMAL ENGINEERING-II	25	37	3
16NR5A0324	RT31036	METROLOGY	23	24	3
16NR5A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	24	50	2
16NR5A0324	RT31038	MACHINE TOOLS LAB	23	50	2
16NR5A0325	RT31016	IPR & PATENTS	21	15	0
16NR5A0325	RT31031	DYNAMICS OF MACHINERY	15	7	0
16NR5A0325	RT31032	METAL CUTTING & MACHINE TOOLS	21	10	0
16NR5A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	10	5	0
16NR5A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	9	0	0
16NR5A0325	RT31035	THERMAL ENGINEERING-II	25	10	0
16NR5A0325	RT31036	METROLOGY	19	7	0
16NR5A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	19	46	2
16NR5A0325	RT31038	MACHINE TOOLS LAB	22	45	2
16NR5A0326	RT31016	IPR & PATENTS	14	26	2
16NR5A0326	RT31031	DYNAMICS OF MACHINERY	13	42	3
16NR5A0326	RT31032	METAL CUTTING & MACHINE TOOLS	16	27	3
16NR5A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	15	27	3
16NR5A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	27	3
16NR5A0326	RT31035	THERMAL ENGINEERING-II	21	42	3
16NR5A0326	RT31036	METROLOGY	13	37	3
16NR5A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	18	47	2
16NR5A0326	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0327	RT31016	IPR & PATENTS	19	29	2
16NR5A0327	RT31031	DYNAMICS OF MACHINERY	19	30	3
16NR5A0327	RT31032	METAL CUTTING & MACHINE TOOLS	20	48	3
16NR5A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	18	32	3
16NR5A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	13	0
16NR5A0327	RT31035	THERMAL ENGINEERING-II	24	45	3
16NR5A0327	RT31036	METROLOGY	19	36	3
16NR5A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	19	46	2
16NR5A0327	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0328	RT31016	IPR & PATENTS	23	40	2
16NR5A0328	RT31031	DYNAMICS OF MACHINERY	13	40	3
16NR5A0328	RT31032	METAL CUTTING & MACHINE TOOLS	24	43	3
16NR5A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	22	45	3
16NR5A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	26	3
16NR5A0328	RT31035	THERMAL ENGINEERING-II	22	31	3
16NR5A0328	RT31036	METROLOGY	7	12	0
16NR5A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	25	45	2
16NR5A0328	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0329	RT31016	IPR & PATENTS	22	28	2
16NR5A0329	RT31031	DYNAMICS OF MACHINERY	15	28	3
16NR5A0329	RT31032	METAL CUTTING & MACHINE TOOLS	23	33	3
16NR5A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	26	36	3
16NR5A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	29	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0329	RT31035	THERMAL ENGINEERING-II	16	37	3
16NR5A0329	RT31036	METROLOGY	22	33	3
16NR5A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
16NR5A0329	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0330	RT31016	IPR & PATENTS	18	25	2
16NR5A0330	RT31031	DYNAMICS OF MACHINERY	15	25	3
16NR5A0330	RT31032	METAL CUTTING & MACHINE TOOLS	16	18	0
16NR5A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	21	14	0
16NR5A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	14	38	3
16NR5A0330	RT31035	THERMAL ENGINEERING-II	24	38	3
16NR5A0330	RT31036	METROLOGY	19	30	3
16NR5A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	24	49	2
16NR5A0330	RT31038	MACHINE TOOLS LAB	23	46	2
16NR5A0331	RT31016	IPR & PATENTS	4	-1	0
16NR5A0331	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0331	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0331	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0331	RT31036	METROLOGY	4	-1	0
16NR5A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0331	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0332	RT31016	IPR & PATENTS	12	28	2
16NR5A0332	RT31031	DYNAMICS OF MACHINERY	17	38	3
16NR5A0332	RT31032	METAL CUTTING & MACHINE TOOLS	14	41	3
16NR5A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	14	8	0
16NR5A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	7	18	0
16NR5A0332	RT31035	THERMAL ENGINEERING-II	19	14	0
16NR5A0332	RT31036	METROLOGY	13	14	0
16NR5A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	16	44	2
16NR5A0332	RT31038	MACHINE TOOLS LAB	20	46	2
16NR5A0333	RT31016	IPR & PATENTS	20	24	2
16NR5A0333	RT31031	DYNAMICS OF MACHINERY	17	24	3
16NR5A0333	RT31032	METAL CUTTING & MACHINE TOOLS	21	24	3
16NR5A0333	RT31033	DESIGN OF MACHINE MEMBERS-I	19	32	3
16NR5A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	27	3
16NR5A0333	RT31035	THERMAL ENGINEERING-II	24	14	0
16NR5A0333	RT31036	METROLOGY	19	24	3
16NR5A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	24	45	2
16NR5A0333	RT31038	MACHINE TOOLS LAB	22	39	2
16NR5A0334	RT31016	IPR & PATENTS	4	-1	0
16NR5A0334	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0334	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0334	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0334	RT31036	METROLOGY	4	-1	0
16NR5A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0334	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0335	RT31016	IPR & PATENTS	4	-1	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0335	RT31031	DYNAMICS OF MACHINERY	5	-1	0
16NR5A0335	RT31032	METAL CUTTING & MACHINE TOOLS	4	-1	0
16NR5A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	4	-1	0
16NR5A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0335	RT31035	THERMAL ENGINEERING-II	4	-1	0
16NR5A0335	RT31036	METROLOGY	5	-1	0
16NR5A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0335	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0336	RT31016	IPR & PATENTS	0	-1	0
16NR5A0336	RT31031	DYNAMICS OF MACHINERY	0	-1	0
16NR5A0336	RT31032	METAL CUTTING & MACHINE TOOLS	0	-1	0
16NR5A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	0	-1	0
16NR5A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	0	-1	0
16NR5A0336	RT31035	THERMAL ENGINEERING-II	0	-1	0
16NR5A0336	RT31036	METROLOGY	0	-1	0
16NR5A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	0	-1	0
16NR5A0336	RT31038	MACHINE TOOLS LAB	0	-1	0
16NR5A0337	RT31016	IPR & PATENTS	18	28	2
16NR5A0337	RT31031	DYNAMICS OF MACHINERY	22	24	3
16NR5A0337	RT31032	METAL CUTTING & MACHINE TOOLS	26	24	3
16NR5A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	26	43	3
16NR5A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	24	3
16NR5A0337	RT31035	THERMAL ENGINEERING-II	25	32	3
16NR5A0337	RT31036	METROLOGY	24	36	3
16NR5A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	24	45	2
16NR5A0337	RT31038	MACHINE TOOLS LAB	23	48	2
16NR5A0338	RT31016	IPR & PATENTS	15	29	2
16NR5A0338	RT31031	DYNAMICS OF MACHINERY	15	33	3
16NR5A0338	RT31032	METAL CUTTING & MACHINE TOOLS	20	33	3
16NR5A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	13	14	0
16NR5A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	36	3
16NR5A0338	RT31035	THERMAL ENGINEERING-II	23	42	3
16NR5A0338	RT31036	METROLOGY	22	40	3
16NR5A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	15	48	2
16NR5A0338	RT31038	MACHINE TOOLS LAB	22	46	2
16NR5A0339	RT31016	IPR & PATENTS	20	12	0
16NR5A0339	RT31031	DYNAMICS OF MACHINERY	14	-1	0
16NR5A0339	RT31032	METAL CUTTING & MACHINE TOOLS	13	48	3
16NR5A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	16	13	0
16NR5A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	0	0
16NR5A0339	RT31035	THERMAL ENGINEERING-II	24	0	0
16NR5A0339	RT31036	METROLOGY	23	-1	0
16NR5A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	16	48	2
16NR5A0339	RT31038	MACHINE TOOLS LAB	20	45	2
16NR5A0340	RT31016	IPR & PATENTS	19	38	2
16NR5A0340	RT31031	DYNAMICS OF MACHINERY	17	30	3
16NR5A0340	RT31032	METAL CUTTING & MACHINE TOOLS	22	41	3
16NR5A0340	RT31033	DESIGN OF MACHINE MEMBERS-I	15	35	3
16NR5A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	13	27	3
16NR5A0340	RT31035	THERMAL ENGINEERING-II	21	41	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0340	RT31036	METROLOGY	21	27	3
16NR5A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	17	45	2
16NR5A0340	RT31038	MACHINE TOOLS LAB	22	46	2
16NR5A0341	RT31016	IPR & PATENTS	20	26	2
16NR5A0341	RT31031	DYNAMICS OF MACHINERY	21	35	3
16NR5A0341	RT31032	METAL CUTTING & MACHINE TOOLS	28	30	3
16NR5A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	22	37	3
16NR5A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	33	3
16NR5A0341	RT31035	THERMAL ENGINEERING-II	25	28	3
16NR5A0341	RT31036	METROLOGY	22	32	3
16NR5A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	22	49	2
16NR5A0341	RT31038	MACHINE TOOLS LAB	22	46	2
16NR5A0342	RT31016	IPR & PATENTS	4	22	0
16NR5A0342	RT31031	DYNAMICS OF MACHINERY	5	7	0
16NR5A0342	RT31032	METAL CUTTING & MACHINE TOOLS	4	8	0
16NR5A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	4	3	0
16NR5A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	4	-1	0
16NR5A0342	RT31035	THERMAL ENGINEERING-II	4	16	0
16NR5A0342	RT31036	METROLOGY	4	7	0
16NR5A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	14	-1	0
16NR5A0342	RT31038	MACHINE TOOLS LAB	18	-1	0
16NR5A0343	RT31016	IPR & PATENTS	15	25	2
16NR5A0343	RT31031	DYNAMICS OF MACHINERY	19	24	3
16NR5A0343	RT31032	METAL CUTTING & MACHINE TOOLS	22	24	3
16NR5A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	23	28	3
16NR5A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	13	0
16NR5A0343	RT31035	THERMAL ENGINEERING-II	14	34	3
16NR5A0343	RT31036	METROLOGY	22	44	3
16NR5A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	24	48	2
16NR5A0343	RT31038	MACHINE TOOLS LAB	22	46	2
16NR5A0401	RT31016	IPR & PATENTS	23	30	2
16NR5A0401	RT31041	PULSE & DIGITAL CIRCUITS	26	24	3
16NR5A0401	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	28	8	0
16NR5A0401	RT31043	CONTROL SYSTEMS	30	8	0
16NR5A0401	RT31044	DIGITAL SYSTEM DESIGN & DICA	28	5	0
16NR5A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	29	15	0
16NR5A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
16NR5A0401	RT31048	LICA LAB	22	46	2
16NR5A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	45	2
16NR5A0402	RT31016	IPR & PATENTS	17	43	2
16NR5A0402	RT31041	PULSE & DIGITAL CIRCUITS	26	14	0
16NR5A0402	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	21	28	3
16NR5A0402	RT31043	CONTROL SYSTEMS	24	48	3
16NR5A0402	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	49	3
16NR5A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	24	13	0
16NR5A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	37	2
16NR5A0402	RT31048	LICA LAB	20	40	2
16NR5A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
16NR5A0404	RT31016	IPR & PATENTS	22	28	2
16NR5A0404	RT31041	PULSE & DIGITAL CIRCUITS	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0404	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	24	53	3
16NR5A0404	RT31043	CONTROL SYSTEMS	23	15	0
16NR5A0404	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	16	0
16NR5A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	25	4	0
16NR5A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	44	2
16NR5A0404	RT31048	LICA LAB	22	47	2
16NR5A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
16NR5A0405	RT31016	IPR & PATENTS	28	34	2
16NR5A0405	RT31041	PULSE & DIGITAL CIRCUITS	27	25	3
16NR5A0405	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	46	3
16NR5A0405	RT31043	CONTROL SYSTEMS	27	37	3
16NR5A0405	RT31044	DIGITAL SYSTEM DESIGN & DICA	25	58	3
16NR5A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	29	15	0
16NR5A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
16NR5A0405	RT31048	LICA LAB	23	48	2
16NR5A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	47	2
16NR5A0406	RT31016	IPR & PATENTS	12	28	2
16NR5A0406	RT31041	PULSE & DIGITAL CIRCUITS	19	24	3
16NR5A0406	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	25	3
16NR5A0406	RT31043	CONTROL SYSTEMS	23	0	0
16NR5A0406	RT31044	DIGITAL SYSTEM DESIGN & DICA	21	9	0
16NR5A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	24	18	0
16NR5A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	15	37	2
16NR5A0406	RT31048	LICA LAB	20	40	2
16NR5A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	39	2
16NR5A0407	RT31016	IPR & PATENTS	28	40	2
16NR5A0407	RT31041	PULSE & DIGITAL CIRCUITS	29	46	3
16NR5A0407	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	27	41	3
16NR5A0407	RT31043	CONTROL SYSTEMS	30	40	3
16NR5A0407	RT31044	DIGITAL SYSTEM DESIGN & DICA	30	47	3
16NR5A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	28	31	3
16NR5A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
16NR5A0407	RT31048	LICA LAB	24	46	2
16NR5A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	48	2
16NR5A0408	RT31016	IPR & PATENTS	15	33	2
16NR5A0408	RT31041	PULSE & DIGITAL CIRCUITS	26	11	0
16NR5A0408	RT31042	LINEAR INTEGRATED CIRCUIT APPLICATIONS	25	47	3
16NR5A0408	RT31043	CONTROL SYSTEMS	25	11	0
16NR5A0408	RT31044	DIGITAL SYSTEM DESIGN & DICA	23	27	3
16NR5A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	28	29	3
16NR5A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	39	2
16NR5A0408	RT31048	LICA LAB	20	40	2
16NR5A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	43	2
16NR5A0501	RT31051	COMPILER DESIGN	17	17	0
16NR5A0501	RT31052	DATA COMMUNICATION	22	2	0
16NR5A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	31	3
16NR5A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	20	25	3
16NR5A0501	RT31055	OPERATING SYSTEMS	21	25	3
16NR5A0501	RT31056	COMPILER DESIGN LAB	15	39	2
16NR5A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	37	2

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	18	39	2
16NR5A0501	RT31059	SEMINAR	45	0	1
16NR5A0502	RT31051	COMPILER DESIGN	25	39	3
16NR5A0502	RT31052	DATA COMMUNICATION	25	63	3
16NR5A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	28	3
16NR5A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	25	41	3
16NR5A0502	RT31055	OPERATING SYSTEMS	25	43	3
16NR5A0502	RT31056	COMPILER DESIGN LAB	21	43	2
16NR5A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
16NR5A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
16NR5A0502	RT31059	SEMINAR	48	0	1
16NR5A0503	RT31051	COMPILER DESIGN	24	42	3
16NR5A0503	RT31052	DATA COMMUNICATION	19	18	0
16NR5A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	13	0
16NR5A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	24	34	3
16NR5A0503	RT31055	OPERATING SYSTEMS	20	32	3
16NR5A0503	RT31056	COMPILER DESIGN LAB	16	40	2
16NR5A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
16NR5A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
16NR5A0503	RT31059	SEMINAR	48	0	1
16NR5A0504	RT31051	COMPILER DESIGN	3	-1	0
16NR5A0504	RT31052	DATA COMMUNICATION	0	-1	0
16NR5A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	0	-1	0
16NR5A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	5	-1	0
16NR5A0504	RT31055	OPERATING SYSTEMS	0	-1	0
16NR5A0504	RT31056	COMPILER DESIGN LAB	0	-1	0
16NR5A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	0	-1	0
16NR5A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	0	-1	0

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

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

** Note:**

* -1 in the filed of externals indicates student absent for the respective subject.

* -2 in the filed of externals indicates student Withheld for the respective subject.

* -3 in the filed of externals indicates student Malpractice for the respective subject.

Date:23-12-2017

N. Mohan Rao
Controller of Examinations