



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech II Semester [R13/R10] Regular/Supplementary Examinations April-2018

College: BABA INSTITUTE OF TECHNOLOGY & SCIENCES, BAKKANAPALEM, VIZAG:NR

Htno	Subcode	Subname	Internal	External	Credits
10NR1A0250	R32025	POWER SEMICONDUCTOR DRIVES	15	30	4
11NR1A0328	R32034	INSTRUMENTATION & CONTROL SYSTEMS	19	29	4
12NR1A0315	R32032	ROBOTICS	15	-1	0
12NR1A0315	R32033	HEAT TRANSFER	19	-1	0
12NR1A0338	R32036	INDUSTRIAL ENGG. & MANAGEMENT	19	26	4
13NR1A0115	RT32015	TRANSPORTATION ENGINEERING II	13	39	3
13NR1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	14	40	3
13NR1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	30	3
13NR1A0145	RT32012	GEOTECHNICAL ENGINEERING II	15	11	0
13NR1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	13	0
13NR1A0223	RT32022	SWITCHGEAR AND PROTECTION	16	26	3
13NR1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	0	0
13NR1A0223	RT32024	POWER SYSTEM ANALYSIS	16	0	0
13NR1A0223	RT32025	MANAGEMENT SCIENCE	24	27	3
13NR1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	19	0	0
13NR1A0223	RT32027	POWER ELECTRONICS LAB	15	23	2
13NR1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	16	22	2
13NR1A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	25	3
13NR1A0246	RT32024	POWER SYSTEM ANALYSIS	19	6	0
13NR1A0317	RT32035	HEAT TRANSFER	18	20	0
13NR1A0340	RT32035	HEAT TRANSFER	19	16	0
13NR1A0345	RT32031	OPERATIONS RESEARCH	18	-1	0
13NR1A0345	RT32035	HEAT TRANSFER	21	9	0
13NR1A0354	RT32031	OPERATIONS RESEARCH	20	3	0
13NR1A0360	RT32031	OPERATIONS RESEARCH	20	37	3
13NR1A0360	RT32035	HEAT TRANSFER	16	24	3
13NR1A0362	RT32035	HEAT TRANSFER	19	29	3
13NR1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	12	2	0
13NR1A0384	RT32031	OPERATIONS RESEARCH	23	19	0
13NR1A0384	RT32035	HEAT TRANSFER	22	22	0
13NR1A0396	RT32034	ROBOTICS	17	34	3
13NR1A0396	RT32035	HEAT TRANSFER	18	6	0
13NR1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
13NR1A03A7	RT32035	HEAT TRANSFER	19	29	3
13NR1A03B3	RT32035	HEAT TRANSFER	15	6	0
13NR1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	24	0	0
13NR1A0401	RT32042	DIGITAL SIGNAL PROCESSING	20	16	0
13NR1A0420	RT32045A	BIO MEDICAL ENGINEERING	17	17	0
13NR1A0422	RT32042	DIGITAL SIGNAL PROCESSING	20	4	0
13NR1A0422	RT32045A	BIO MEDICAL ENGINEERING	20	18	0
13NR1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	16	0
13NR1A0423	RT32043	DIGITAL COMMUNICATIONS	17	31	3
13NR1A0425	RT32043	DIGITAL COMMUNICATIONS	17	16	0
13NR1A0432	RT32043	DIGITAL COMMUNICATIONS	14	29	3

Htno	Subcode	Subname	Internal	External	Credits
13NR1A0432	RT32044	MICROWAVE ENGINEERING	18	9	0
13NR1A0432	RT32045A	BIO MEDICAL ENGINEERING	16	6	0
13NR1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	3	0
13NR1A0441	RT32042	DIGITAL SIGNAL PROCESSING	17	31	3
13NR1A0441	RT32043	DIGITAL COMMUNICATIONS	15	37	3
13NR1A0441	RT32044	MICROWAVE ENGINEERING	13	4	0
13NR1A0441	RT32045A	BIO MEDICAL ENGINEERING	19	1	0
13NR1A0444	RT32043	DIGITAL COMMUNICATIONS	19	3	0
13NR1A0444	RT32044	MICROWAVE ENGINEERING	18	0	0
13NR1A0458	RT32042	DIGITAL SIGNAL PROCESSING	24	21	0
13NR1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	7	0
13NR1A0474	RT32042	DIGITAL SIGNAL PROCESSING	19	4	0
13NR1A0474	RT32043	DIGITAL COMMUNICATIONS	7	0	0
13NR1A0518	RT32055	WEB TECHNOLOGIES	22	0	0
13NR1A0520	RT32053	COMPUTER NETWORKS	20	0	0
13NR1A0521	RT32053	COMPUTER NETWORKS	20	-1	0
13NR1A0521	RT32055	WEB TECHNOLOGIES	23	-1	0
13NR1A0562	RT32055	WEB TECHNOLOGIES	18	0	0
13NR1A0568	RT32051	SOFTWARE ENGINEERING	0	0	0
13NR1A0568	RT32052	DATA WARE HOUSING AND MINING	0	9	0
13NR1A0568	RT32053	COMPUTER NETWORKS	0	-1	0
13NR1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	0	-1	0
13NR1A0568	RT32055	WEB TECHNOLOGIES	0	0	0
13NR1A0568	RT32056	IPR AND PATENTS	0	-1	0
13NR5A0152	R32016	TRANSPORTATION ENGINEERING-II	8	33	4
13NR5A0157	R32011	GEOTECHNICAL ENGINEERING - I	10	0	0
13NR5A0157	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	18	7	0
13NR5A0191	R32012	WATER AND WASTEWATER ENGINEERING	12	-1	0
13NR5A0191	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	22	12	0
13NR5A0208	R32022	POWER SYSTEM ANALYSIS	25	11	0
13NR5A0208	R32024	MICROPROCESSORS AND MICROCONTROLLER	23	8	0
13NR5A0311	R32032	ROBOTICS	0	-1	0
13NR5A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	0	19	0
13NR5A0335	R32034	INSTRUMENTATION & CONTROL SYSTEMS	22	26	4
13NR5A0378	R32031	METROLOGY	16	-1	0
13NR5A0378	R32032	ROBOTICS	17	-1	0
13NR5A0378	R32033	HEAT TRANSFER	0	-1	0
13NR5A0378	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	-1	0
13NR5A0378	R32035	DESIGN OF MACHINE MEMBERS_II	17	-1	0
13NR5A0378	R32036	INDUSTRIAL ENGG. & MANAGEMENT	21	-1	0
13NR5A0419	R32043	DIGITAL SIGNAL PROCESSING	15	14	0
14NR1A0118	RT32012	GEOTECHNICAL ENGINEERING II	17	29	3
14NR1A0119	RT32012	GEOTECHNICAL ENGINEERING II	17	36	3
14NR1A0140	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
14NR1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	8	18	0
14NR1A0145	RT32012	GEOTECHNICAL ENGINEERING II	17	7	0
14NR1A0145	RT32015	TRANSPORTATION ENGINEERING II	20	44	3
14NR1A0206	RT32024	POWER SYSTEM ANALYSIS	11	25	0
14NR1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	24	15	0
14NR1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	12	8	0

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0219	RT32024	POWER SYSTEM ANALYSIS	21	20	0
14NR1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	10	32	3
14NR1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	13	0
14NR1A0316	RT32035	HEAT TRANSFER	23	38	3
14NR1A0317	RT32031	OPERATIONS RESEARCH	27	12	0
14NR1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	35	3
14NR1A0318	RT32034	ROBOTICS	18	30	3
14NR1A0321	RT32031	OPERATIONS RESEARCH	22	29	3
14NR1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	17	13	0
14NR1A0327	RT32031	OPERATIONS RESEARCH	24	5	0
14NR1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	17	9	0
14NR1A0329	RT32034	ROBOTICS	22	26	3
14NR1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	18	9	0
14NR1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	27	3
14NR1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	18	13	0
14NR1A0338	RT32034	ROBOTICS	21	0	0
14NR1A0338	RT32035	HEAT TRANSFER	29	6	0
14NR1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	20	6	0
14NR1A0341	RT32035	HEAT TRANSFER	26	11	0
14NR1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
14NR1A0350	RT32034	ROBOTICS	17	18	0
14NR1A0353	RT32031	OPERATIONS RESEARCH	21	0	0
14NR1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	-1	0
14NR1A0353	RT32034	ROBOTICS	16	3	0
14NR1A0353	RT32035	HEAT TRANSFER	23	0	0
14NR1A0356	RT32031	OPERATIONS RESEARCH	22	1	0
14NR1A0364	RT32034	ROBOTICS	14	27	3
14NR1A0365	RT32031	OPERATIONS RESEARCH	18	3	0
14NR1A0365	RT32034	ROBOTICS	14	13	0
14NR1A0365	RT32035	HEAT TRANSFER	20	0	0
14NR1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
14NR1A0368	RT32034	ROBOTICS	19	30	3
14NR1A0369	RT32031	OPERATIONS RESEARCH	23	28	3
14NR1A0369	RT32034	ROBOTICS	16	40	3
14NR1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	17	7	0
14NR1A0370	RT32034	ROBOTICS	25	12	0
14NR1A0370	RT32035	HEAT TRANSFER	17	-1	0
14NR1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
14NR1A0371	RT32031	OPERATIONS RESEARCH	18	13	0
14NR1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	3	0
14NR1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	12	26	0
14NR1A0371	RT32034	ROBOTICS	28	3	0
14NR1A0371	RT32035	HEAT TRANSFER	11	-1	0
14NR1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	19	-1	0
14NR1A0373	RT32031	OPERATIONS RESEARCH	28	16	0
14NR1A0380	RT32031	OPERATIONS RESEARCH	23	31	3
14NR1A0405	RT32042	DIGITAL SIGNAL PROCESSING	25	25	3
14NR1A0405	RT32044	MICROWAVE ENGINEERING	15	13	0
14NR1A0408	RT32042	DIGITAL SIGNAL PROCESSING	17	31	3
14NR1A0408	RT32043	DIGITAL COMMUNICATIONS	25	39	3

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0408	RT32044	MICROWAVE ENGINEERING	14	8	0
14NR1A0408	RT32045A	BIO MEDICAL ENGINEERING	16	17	0
14NR1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	3	0
14NR1A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
14NR1A0409	RT32043	DIGITAL COMMUNICATIONS	22	12	0
14NR1A0409	RT32044	MICROWAVE ENGINEERING	16	20	0
14NR1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	10	0
14NR1A0410	RT32044	MICROWAVE ENGINEERING	9	24	0
14NR1A0413	RT32042	DIGITAL SIGNAL PROCESSING	23	12	0
14NR1A0413	RT32044	MICROWAVE ENGINEERING	15	29	3
14NR1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	36	3
14NR1A0416	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
14NR1A0416	RT32043	DIGITAL COMMUNICATIONS	19	5	0
14NR1A0416	RT32044	MICROWAVE ENGINEERING	6	7	0
14NR1A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	50	3
14NR1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	31	3
14NR1A0420	RT32042	DIGITAL SIGNAL PROCESSING	21	7	0
14NR1A0420	RT32043	DIGITAL COMMUNICATIONS	13	51	3
14NR1A0420	RT32044	MICROWAVE ENGINEERING	16	0	0
14NR1A0421	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
14NR1A0421	RT32043	DIGITAL COMMUNICATIONS	18	33	3
14NR1A0421	RT32044	MICROWAVE ENGINEERING	14	32	3
14NR1A0424	RT32043	DIGITAL COMMUNICATIONS	21	32	3
14NR1A0424	RT32044	MICROWAVE ENGINEERING	11	15	0
14NR1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	0	0
14NR1A0426	RT32042	DIGITAL SIGNAL PROCESSING	13	6	0
14NR1A0426	RT32043	DIGITAL COMMUNICATIONS	15	-1	0
14NR1A0427	RT32042	DIGITAL SIGNAL PROCESSING	21	17	0
14NR1A0427	RT32044	MICROWAVE ENGINEERING	15	47	3
14NR1A0432	RT32043	DIGITAL COMMUNICATIONS	22	36	3
14NR1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	27	3
14NR1A0434	RT32044	MICROWAVE ENGINEERING	16	15	0
14NR1A0436	RT32043	DIGITAL COMMUNICATIONS	25	29	3
14NR1A0436	RT32045A	BIO MEDICAL ENGINEERING	14	22	0
14NR1A0437	RT32044	MICROWAVE ENGINEERING	16	30	3
14NR1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	37	3
14NR1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	30	3
14NR1A0444	RT32043	DIGITAL COMMUNICATIONS	13	28	3
14NR1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	8	9	0
14NR1A0445	RT32042	DIGITAL SIGNAL PROCESSING	23	16	0
14NR1A0445	RT32043	DIGITAL COMMUNICATIONS	23	15	0
14NR1A0445	RT32044	MICROWAVE ENGINEERING	15	29	3
14NR1A0449	RT32044	MICROWAVE ENGINEERING	14	39	3
14NR1A0506	RT32052	DATA WARE HOUSING AND MINING	12	17	0
14NR1A0506	RT32053	COMPUTER NETWORKS	12	10	0
14NR1A0506	RT32055	WEB TECHNOLOGIES	12	0	0
14NR1A0512	RT32052	DATA WARE HOUSING AND MINING	10	21	0
14NR1A0512	RT32055	WEB TECHNOLOGIES	15	-1	0
14NR1A0525	RT32051	SOFTWARE ENGINEERING	26	31	3
14NR1A0525	RT32052	DATA WARE HOUSING AND MINING	26	41	3

Htno	Subcode	Subname	Internal	External	Credits
14NR1A0525	RT32053	COMPUTER NETWORKS	22	34	3
14NR1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	4	0
14NR1A0525	RT32055	WEB TECHNOLOGIES	24	5	0
14NR1A0525	RT32056	IPR AND PATENTS	24	27	2
14NR1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	39	2
14NR1A0525	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14NR1A0525	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14NR1A0526	RT32052	DATA WARE HOUSING AND MINING	13	30	3
14NR1A0534	RT32052	DATA WARE HOUSING AND MINING	15	30	3
14NR1A0539	RT32052	DATA WARE HOUSING AND MINING	13	7	0
14NR1A0549	RT32052	DATA WARE HOUSING AND MINING	16	26	3
14NR5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	3	28	0
14NR5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	28	0
14NR5A0106	RT32014	WATER RESOURCES ENGINEERING I	4	20	0
14NR5A0106	RT32015	TRANSPORTATION ENGINEERING II	4	12	0
14NR5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	32	0
14NR5A0110	RT32012	GEOTECHNICAL ENGINEERING II	18	41	3
14NR5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	10	25	0
14NR5A0125	RT32012	GEOTECHNICAL ENGINEERING II	3	28	0
14NR5A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	19	0
14NR5A0125	RT32014	WATER RESOURCES ENGINEERING I	4	28	0
14NR5A0125	RT32015	TRANSPORTATION ENGINEERING II	4	19	0
14NR5A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	28	3
14NR5A0130	RT32014	WATER RESOURCES ENGINEERING I	16	18	0
14NR5A0138	RT32012	GEOTECHNICAL ENGINEERING II	13	0	0
14NR5A0138	RT32014	WATER RESOURCES ENGINEERING I	18	29	3
14NR5A0153	RT32014	WATER RESOURCES ENGINEERING I	15	63	3
14NR5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	26	3
14NR5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	0	0
14NR5A0314	RT32031	OPERATIONS RESEARCH	7	51	3
14NR5A0314	RT32033	DESIGN OF MACHINE MEMBERS II	5	46	3
14NR5A0314	RT32035	HEAT TRANSFER	14	28	3
14NR5A0317	RT32031	OPERATIONS RESEARCH	18	17	0
14NR5A0401	RT32043	DIGITAL COMMUNICATIONS	22	28	3
14NR5A0412	RT32044	MICROWAVE ENGINEERING	22	15	0
14NR5A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	27	3
14NR5A0419	RT32042	DIGITAL SIGNAL PROCESSING	24	2	0
14NR5A0419	RT32043	DIGITAL COMMUNICATIONS	20	29	3
14NR5A0419	RT32044	MICROWAVE ENGINEERING	24	-1	0
14NR5A0419	RT32045A	BIO MEDICAL ENGINEERING	22	-1	0
14NR5A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	21	0
14NR5A0438	RT32042	DIGITAL SIGNAL PROCESSING	25	19	0
14NR5A0445	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
14NR5A0445	RT32043	DIGITAL COMMUNICATIONS	22	15	0
15NR1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	26	36	3
15NR1A0101	RT32012	GEOTECHNICAL ENGINEERING II	20	26	3
15NR1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	30	3
15NR1A0101	RT32014	WATER RESOURCES ENGINEERING I	23	34	3
15NR1A0101	RT32015	TRANSPORTATION ENGINEERING II	21	39	3
15NR1A0101	RT32016B	DISASTER MANAGEMENT	22	32	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15NR1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	17	40	2
15NR1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	26	31	3
15NR1A0102	RT32012	GEOTECHNICAL ENGINEERING II	23	48	3
15NR1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	43	3
15NR1A0102	RT32014	WATER RESOURCES ENGINEERING I	28	33	3
15NR1A0102	RT32015	TRANSPORTATION ENGINEERING II	24	40	3
15NR1A0102	RT32016B	DISASTER MANAGEMENT	19	25	3
15NR1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	62	2
15NR1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	17	46	2
15NR1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	23	42	3
15NR1A0104	RT32012	GEOTECHNICAL ENGINEERING II	20	42	3
15NR1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	31	3
15NR1A0104	RT32014	WATER RESOURCES ENGINEERING I	25	37	3
15NR1A0104	RT32015	TRANSPORTATION ENGINEERING II	23	29	3
15NR1A0104	RT32016B	DISASTER MANAGEMENT	23	24	3
15NR1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2
15NR1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	17	43	2
15NR1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	25	35	3
15NR1A0105	RT32012	GEOTECHNICAL ENGINEERING II	26	30	3
15NR1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	24	3
15NR1A0105	RT32014	WATER RESOURCES ENGINEERING I	24	51	3
15NR1A0105	RT32015	TRANSPORTATION ENGINEERING II	28	39	3
15NR1A0105	RT32016B	DISASTER MANAGEMENT	23	45	3
15NR1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15NR1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	17	46	2
15NR1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	23	39	3
15NR1A0106	RT32012	GEOTECHNICAL ENGINEERING II	24	27	3
15NR1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	51	3
15NR1A0106	RT32014	WATER RESOURCES ENGINEERING I	23	35	3
15NR1A0106	RT32015	TRANSPORTATION ENGINEERING II	28	32	3
15NR1A0106	RT32016B	DISASTER MANAGEMENT	21	26	3
15NR1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
15NR1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
15NR1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	21	42	3
15NR1A0107	RT32012	GEOTECHNICAL ENGINEERING II	22	56	3
15NR1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	30	3
15NR1A0107	RT32014	WATER RESOURCES ENGINEERING I	27	24	3
15NR1A0107	RT32015	TRANSPORTATION ENGINEERING II	30	40	3
15NR1A0107	RT32016B	DISASTER MANAGEMENT	23	30	3
15NR1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15NR1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15NR1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	23	37	3
15NR1A0108	RT32012	GEOTECHNICAL ENGINEERING II	25	44	3
15NR1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	37	3
15NR1A0108	RT32014	WATER RESOURCES ENGINEERING I	27	43	3
15NR1A0108	RT32015	TRANSPORTATION ENGINEERING II	21	30	3
15NR1A0108	RT32016B	DISASTER MANAGEMENT	21	11	0
15NR1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15NR1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	16	45	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	25	57	3
15NR1A0109	RT32012	GEOTECHNICAL ENGINEERING II	25	35	3
15NR1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	70	3
15NR1A0109	RT32014	WATER RESOURCES ENGINEERING I	30	63	3
15NR1A0109	RT32015	TRANSPORTATION ENGINEERING II	30	55	3
15NR1A0109	RT32016B	DISASTER MANAGEMENT	24	35	3
15NR1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
15NR1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15NR1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	23	51	3
15NR1A0110	RT32012	GEOTECHNICAL ENGINEERING II	23	11	0
15NR1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	70	3
15NR1A0110	RT32014	WATER RESOURCES ENGINEERING I	29	53	3
15NR1A0110	RT32015	TRANSPORTATION ENGINEERING II	27	47	3
15NR1A0110	RT32016B	DISASTER MANAGEMENT	22	7	0
15NR1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
15NR1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	20	44	2
15NR1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	22	29	3
15NR1A0111	RT32012	GEOTECHNICAL ENGINEERING II	20	41	3
15NR1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	27	3
15NR1A0111	RT32014	WATER RESOURCES ENGINEERING I	28	15	0
15NR1A0111	RT32015	TRANSPORTATION ENGINEERING II	28	32	3
15NR1A0111	RT32016B	DISASTER MANAGEMENT	17	6	0
15NR1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15NR1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	16	42	2
15NR1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
15NR1A0112	RT32012	GEOTECHNICAL ENGINEERING II	23	45	3
15NR1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	38	3
15NR1A0112	RT32014	WATER RESOURCES ENGINEERING I	26	39	3
15NR1A0112	RT32015	TRANSPORTATION ENGINEERING II	30	34	3
15NR1A0112	RT32016B	DISASTER MANAGEMENT	24	29	3
15NR1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15NR1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15NR1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	24	29	3
15NR1A0113	RT32012	GEOTECHNICAL ENGINEERING II	22	24	3
15NR1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	51	3
15NR1A0113	RT32014	WATER RESOURCES ENGINEERING I	27	6	0
15NR1A0113	RT32015	TRANSPORTATION ENGINEERING II	27	56	3
15NR1A0113	RT32016B	DISASTER MANAGEMENT	20	2	0
15NR1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
15NR1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15NR1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	26	61	3
15NR1A0115	RT32012	GEOTECHNICAL ENGINEERING II	27	54	3
15NR1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	65	3
15NR1A0115	RT32014	WATER RESOURCES ENGINEERING I	30	56	3
15NR1A0115	RT32015	TRANSPORTATION ENGINEERING II	30	51	3
15NR1A0115	RT32016B	DISASTER MANAGEMENT	26	62	3
15NR1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
15NR1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15NR1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	24	28	3
15NR1A0116	RT32012	GEOTECHNICAL ENGINEERING II	19	17	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	9	0
15NR1A0116	RT32014	WATER RESOURCES ENGINEERING I	25	33	3
15NR1A0116	RT32015	TRANSPORTATION ENGINEERING II	23	34	3
15NR1A0116	RT32016B	DISASTER MANAGEMENT	22	4	0
15NR1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	60	2
15NR1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	17	34	2
15NR1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	25	45	3
15NR1A0118	RT32012	GEOTECHNICAL ENGINEERING II	22	45	3
15NR1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	41	3
15NR1A0118	RT32014	WATER RESOURCES ENGINEERING I	27	45	3
15NR1A0118	RT32015	TRANSPORTATION ENGINEERING II	29	33	3
15NR1A0118	RT32016B	DISASTER MANAGEMENT	21	26	3
15NR1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	69	2
15NR1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15NR1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
15NR1A0119	RT32012	GEOTECHNICAL ENGINEERING II	24	27	3
15NR1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	40	3
15NR1A0119	RT32014	WATER RESOURCES ENGINEERING I	26	47	3
15NR1A0119	RT32015	TRANSPORTATION ENGINEERING II	29	30	3
15NR1A0119	RT32016B	DISASTER MANAGEMENT	19	2	0
15NR1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15NR1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15NR1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
15NR1A0201	RT32022	SWITCHGEAR AND PROTECTION	23	28	3
15NR1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	15	0
15NR1A0201	RT32024	POWER SYSTEM ANALYSIS	19	13	0
15NR1A0201	RT32025	MANAGEMENT SCIENCE	26	29	3
15NR1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
15NR1A0201	RT32027	POWER ELECTRONICS LAB	19	39	2
15NR1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
15NR1A0301	RT32031	OPERATIONS RESEARCH	20	16	0
15NR1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	37	3
15NR1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	22	29	3
15NR1A0301	RT32034	ROBOTICS	22	49	3
15NR1A0301	RT32035	HEAT TRANSFER	21	36	3
15NR1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	42	3
15NR1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	23	29	3
15NR1A0301	RT32038	HEAT TRANSFER LAB	22	47	2
15NR1A0304	RT32031	OPERATIONS RESEARCH	18	29	3
15NR1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	45	3
15NR1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
15NR1A0304	RT32034	ROBOTICS	21	14	0
15NR1A0304	RT32035	HEAT TRANSFER	29	26	3
15NR1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15NR1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	20	54	3
15NR1A0304	RT32038	HEAT TRANSFER LAB	23	49	2
15NR1A0305	RT32031	OPERATIONS RESEARCH	22	36	3
15NR1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	18	0
15NR1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	23	52	3
15NR1A0305	RT32034	ROBOTICS	23	29	3



Htno	Subcode	Subname	Internal	External	Credits
15NR1A0305	RT32035	HEAT TRANSFER	27	24	3
15NR1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15NR1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
15NR1A0305	RT32038	HEAT TRANSFER LAB	23	47	2
15NR1A0306	RT32031	OPERATIONS RESEARCH	18	14	0
15NR1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	13	0
15NR1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	24	27	3
15NR1A0306	RT32034	ROBOTICS	25	26	3
15NR1A0306	RT32035	HEAT TRANSFER	20	25	3
15NR1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	29	3
15NR1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	23	0	0
15NR1A0306	RT32038	HEAT TRANSFER LAB	22	45	2
15NR1A0308	RT32031	OPERATIONS RESEARCH	18	13	0
15NR1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	34	3
15NR1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	23	27	3
15NR1A0308	RT32034	ROBOTICS	25	11	0
15NR1A0308	RT32035	HEAT TRANSFER	19	14	0
15NR1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	31	3
15NR1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	22	15	0
15NR1A0308	RT32038	HEAT TRANSFER LAB	20	40	2
15NR1A0309	RT32031	OPERATIONS RESEARCH	19	24	3
15NR1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
15NR1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	25	31	3
15NR1A0309	RT32034	ROBOTICS	25	43	3
15NR1A0309	RT32035	HEAT TRANSFER	19	9	0
15NR1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	24	3
15NR1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	23	25	3
15NR1A0309	RT32038	HEAT TRANSFER LAB	22	40	2
15NR1A0310	RT32031	OPERATIONS RESEARCH	22	47	3
15NR1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	26	3
15NR1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	28	59	3
15NR1A0310	RT32034	ROBOTICS	22	43	3
15NR1A0310	RT32035	HEAT TRANSFER	24	42	3
15NR1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
15NR1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	25	37	3
15NR1A0310	RT32038	HEAT TRANSFER LAB	25	50	2
15NR1A0311	RT32031	OPERATIONS RESEARCH	22	39	3
15NR1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	43	3
15NR1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	24	46	3
15NR1A0311	RT32034	ROBOTICS	19	24	3
15NR1A0311	RT32035	HEAT TRANSFER	22	24	3
15NR1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	31	3
15NR1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	25	17	0
15NR1A0311	RT32038	HEAT TRANSFER LAB	19	48	2
15NR1A0312	RT32031	OPERATIONS RESEARCH	26	38	3
15NR1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	33	3
15NR1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	22	58	3
15NR1A0312	RT32034	ROBOTICS	28	48	3
15NR1A0312	RT32035	HEAT TRANSFER	24	59	3
15NR1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	62	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	23	61	3
15NR1A0312	RT32038	HEAT TRANSFER LAB	25	50	2
15NR1A0314	RT32031	OPERATIONS RESEARCH	16	29	3
15NR1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	5	0
15NR1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	21	8	0
15NR1A0314	RT32034	ROBOTICS	21	12	0
15NR1A0314	RT32035	HEAT TRANSFER	22	9	0
15NR1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	11	0
15NR1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	21	6	0
15NR1A0314	RT32038	HEAT TRANSFER LAB	22	47	2
15NR1A0315	RT32031	OPERATIONS RESEARCH	22	50	3
15NR1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15NR1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	24	40	3
15NR1A0315	RT32034	ROBOTICS	28	33	3
15NR1A0315	RT32035	HEAT TRANSFER	25	39	3
15NR1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
15NR1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	25	39	3
15NR1A0315	RT32038	HEAT TRANSFER LAB	24	49	2
15NR1A0317	RT32031	OPERATIONS RESEARCH	24	31	3
15NR1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	27	3
15NR1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	24	43	3
15NR1A0317	RT32034	ROBOTICS	27	38	3
15NR1A0317	RT32035	HEAT TRANSFER	26	47	3
15NR1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	35	3
15NR1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	24	40	3
15NR1A0317	RT32038	HEAT TRANSFER LAB	25	49	2
15NR1A0318	RT32031	OPERATIONS RESEARCH	27	27	3
15NR1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	36	3
15NR1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	27	55	3
15NR1A0318	RT32034	ROBOTICS	28	40	3
15NR1A0318	RT32035	HEAT TRANSFER	28	35	3
15NR1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	51	3
15NR1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	22	34	3
15NR1A0318	RT32038	HEAT TRANSFER LAB	23	48	2
15NR1A0319	RT32031	OPERATIONS RESEARCH	20	31	3
15NR1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	7	0
15NR1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	19	33	3
15NR1A0319	RT32034	ROBOTICS	20	24	3
15NR1A0319	RT32035	HEAT TRANSFER	19	13	0
15NR1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	7	0
15NR1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	23	10	0
15NR1A0319	RT32038	HEAT TRANSFER LAB	22	42	2
15NR1A0320	RT32031	OPERATIONS RESEARCH	22	31	3
15NR1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	34	3
15NR1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	22	43	3
15NR1A0320	RT32034	ROBOTICS	24	24	3
15NR1A0320	RT32035	HEAT TRANSFER	22	24	3
15NR1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	25	3
15NR1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	22	32	3
15NR1A0320	RT32038	HEAT TRANSFER LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0321	RT32031	OPERATIONS RESEARCH	27	56	3
15NR1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	26	3
15NR1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	28	38	3
15NR1A0321	RT32034	ROBOTICS	25	12	0
15NR1A0321	RT32035	HEAT TRANSFER	28	24	3
15NR1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	34	3
15NR1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	25	15	0
15NR1A0321	RT32038	HEAT TRANSFER LAB	23	47	2
15NR1A0322	RT32031	OPERATIONS RESEARCH	18	42	3
15NR1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
15NR1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3
15NR1A0322	RT32034	ROBOTICS	28	43	3
15NR1A0322	RT32035	HEAT TRANSFER	26	34	3
15NR1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	57	3
15NR1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	22	34	3
15NR1A0322	RT32038	HEAT TRANSFER LAB	23	40	2
15NR1A0323	RT32031	OPERATIONS RESEARCH	25	36	3
15NR1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	30	3
15NR1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	30	35	3
15NR1A0323	RT32034	ROBOTICS	20	48	3
15NR1A0323	RT32035	HEAT TRANSFER	24	39	3
15NR1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	26	3
15NR1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	23	42	3
15NR1A0323	RT32038	HEAT TRANSFER LAB	23	48	2
15NR1A0324	RT32031	OPERATIONS RESEARCH	29	32	3
15NR1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15NR1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	28	33	3
15NR1A0324	RT32034	ROBOTICS	24	27	3
15NR1A0324	RT32035	HEAT TRANSFER	27	36	3
15NR1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
15NR1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	28	36	3
15NR1A0324	RT32038	HEAT TRANSFER LAB	21	39	2
15NR1A0325	RT32031	OPERATIONS RESEARCH	22	19	0
15NR1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	33	3
15NR1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	19	29	3
15NR1A0325	RT32034	ROBOTICS	19	24	3
15NR1A0325	RT32035	HEAT TRANSFER	23	27	3
15NR1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	29	3
15NR1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	22	9	0
15NR1A0325	RT32038	HEAT TRANSFER LAB	23	45	2
15NR1A0326	RT32031	OPERATIONS RESEARCH	19	39	3
15NR1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	36	3
15NR1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	28	40	3
15NR1A0326	RT32034	ROBOTICS	26	42	3
15NR1A0326	RT32035	HEAT TRANSFER	22	41	3
15NR1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	49	3
15NR1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
15NR1A0326	RT32038	HEAT TRANSFER LAB	25	48	2
15NR1A0327	RT32031	OPERATIONS RESEARCH	22	29	3
15NR1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	29	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
15NR1A0327	RT32034	ROBOTICS	26	24	3
15NR1A0327	RT32035	HEAT TRANSFER	24	8	0
15NR1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	9	0
15NR1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	22	12	0
15NR1A0327	RT32038	HEAT TRANSFER LAB	24	45	2
15NR1A0328	RT32031	OPERATIONS RESEARCH	24	38	3
15NR1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	19	0
15NR1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	22	58	3
15NR1A0328	RT32034	ROBOTICS	23	25	3
15NR1A0328	RT32035	HEAT TRANSFER	26	33	3
15NR1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
15NR1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	25	24	3
15NR1A0328	RT32038	HEAT TRANSFER LAB	23	41	2
15NR1A0330	RT32031	OPERATIONS RESEARCH	20	13	0
15NR1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	8	0
15NR1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	26	17	0
15NR1A0330	RT32034	ROBOTICS	24	0	0
15NR1A0330	RT32035	HEAT TRANSFER	27	24	3
15NR1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	30	3
15NR1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	21	3	0
15NR1A0330	RT32038	HEAT TRANSFER LAB	24	44	2
15NR1A0332	RT32031	OPERATIONS RESEARCH	21	2	0
15NR1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	3	0
15NR1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	20	8	0
15NR1A0332	RT32034	ROBOTICS	24	34	3
15NR1A0332	RT32035	HEAT TRANSFER	23	0	0
15NR1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	31	3
15NR1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	8	0	0
15NR1A0332	RT32038	HEAT TRANSFER LAB	21	44	2
15NR1A0333	RT32031	OPERATIONS RESEARCH	21	32	3
15NR1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	25	3
15NR1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
15NR1A0333	RT32034	ROBOTICS	27	6	0
15NR1A0333	RT32035	HEAT TRANSFER	27	6	0
15NR1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	17	0
15NR1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
15NR1A0333	RT32038	HEAT TRANSFER LAB	23	45	2
15NR1A0334	RT32031	OPERATIONS RESEARCH	22	29	3
15NR1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	33	3
15NR1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	22	40	3
15NR1A0334	RT32034	ROBOTICS	27	39	3
15NR1A0334	RT32035	HEAT TRANSFER	22	24	3
15NR1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	25	3
15NR1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	20	36	3
15NR1A0334	RT32038	HEAT TRANSFER LAB	23	42	2
15NR1A0335	RT32031	OPERATIONS RESEARCH	18	35	3
15NR1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	35	3
15NR1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	25	41	3
15NR1A0335	RT32034	ROBOTICS	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0335	RT32035	HEAT TRANSFER	23	24	3
15NR1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
15NR1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
15NR1A0335	RT32038	HEAT TRANSFER LAB	23	46	2
15NR1A0337	RT32031	OPERATIONS RESEARCH	26	50	3
15NR1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	35	3
15NR1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	22	34	3
15NR1A0337	RT32034	ROBOTICS	25	41	3
15NR1A0337	RT32035	HEAT TRANSFER	27	44	3
15NR1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	58	3
15NR1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	25	39	3
15NR1A0337	RT32038	HEAT TRANSFER LAB	22	40	2
15NR1A0338	RT32031	OPERATIONS RESEARCH	23	29	3
15NR1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	29	3
15NR1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	25	26	3
15NR1A0338	RT32034	ROBOTICS	27	44	3
15NR1A0338	RT32035	HEAT TRANSFER	25	26	3
15NR1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	38	3
15NR1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	24	28	3
15NR1A0338	RT32038	HEAT TRANSFER LAB	25	48	2
15NR1A0339	RT32031	OPERATIONS RESEARCH	25	34	3
15NR1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	27	3
15NR1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	28	39	3
15NR1A0339	RT32034	ROBOTICS	27	26	3
15NR1A0339	RT32035	HEAT TRANSFER	27	29	3
15NR1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	44	3
15NR1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	25	32	3
15NR1A0339	RT32038	HEAT TRANSFER LAB	24	49	2
15NR1A0340	RT32031	OPERATIONS RESEARCH	21	17	0
15NR1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	38	3
15NR1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
15NR1A0340	RT32034	ROBOTICS	23	0	0
15NR1A0340	RT32035	HEAT TRANSFER	20	0	0
15NR1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	25	3
15NR1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	21	0	0
15NR1A0340	RT32038	HEAT TRANSFER LAB	25	39	2
15NR1A0341	RT32031	OPERATIONS RESEARCH	19	8	0
15NR1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	35	3
15NR1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	25	32	3
15NR1A0341	RT32034	ROBOTICS	24	34	3
15NR1A0341	RT32035	HEAT TRANSFER	24	34	3
15NR1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	42	3
15NR1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15NR1A0341	RT32038	HEAT TRANSFER LAB	23	42	2
15NR1A0342	RT32031	OPERATIONS RESEARCH	27	36	3
15NR1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
15NR1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	28	25	3
15NR1A0342	RT32034	ROBOTICS	29	30	3
15NR1A0342	RT32035	HEAT TRANSFER	26	24	3
15NR1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	33	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	22	44	3
15NR1A0342	RT32038	HEAT TRANSFER LAB	25	48	2
15NR1A0343	RT32031	OPERATIONS RESEARCH	24	27	3
15NR1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
15NR1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	25	45	3
15NR1A0343	RT32034	ROBOTICS	27	29	3
15NR1A0343	RT32035	HEAT TRANSFER	26	24	3
15NR1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	24	3
15NR1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	23	14	0
15NR1A0343	RT32038	HEAT TRANSFER LAB	20	40	2
15NR1A0344	RT32031	OPERATIONS RESEARCH	19	30	3
15NR1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	34	3
15NR1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	26	25	3
15NR1A0344	RT32034	ROBOTICS	28	30	3
15NR1A0344	RT32035	HEAT TRANSFER	21	32	3
15NR1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	41	3
15NR1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	24	8	0
15NR1A0344	RT32038	HEAT TRANSFER LAB	25	41	2
15NR1A0346	RT32031	OPERATIONS RESEARCH	25	45	3
15NR1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15NR1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	27	49	3
15NR1A0346	RT32034	ROBOTICS	22	35	3
15NR1A0346	RT32035	HEAT TRANSFER	27	44	3
15NR1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	62	3
15NR1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	24	44	3
15NR1A0346	RT32038	HEAT TRANSFER LAB	25	49	2
15NR1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	41	3
15NR1A0401	RT32042	DIGITAL SIGNAL PROCESSING	28	37	3
15NR1A0401	RT32043	DIGITAL COMMUNICATIONS	27	39	3
15NR1A0401	RT32044	MICROWAVE ENGINEERING	29	47	3
15NR1A0401	RT32045A	BIO MEDICAL ENGINEERING	26	15	0
15NR1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15NR1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15NR1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15NR1A0401	RT32049	SEMINAR	47	0	1
15NR1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	29	3
15NR1A0402	RT32042	DIGITAL SIGNAL PROCESSING	25	25	3
15NR1A0402	RT32043	DIGITAL COMMUNICATIONS	24	24	3
15NR1A0402	RT32044	MICROWAVE ENGINEERING	25	41	3
15NR1A0402	RT32045A	BIO MEDICAL ENGINEERING	23	56	3
15NR1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15NR1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
15NR1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	41	2
15NR1A0402	RT32049	SEMINAR	44	0	1
15NR1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	29	3
15NR1A0403	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15NR1A0403	RT32043	DIGITAL COMMUNICATIONS	27	31	3
15NR1A0403	RT32044	MICROWAVE ENGINEERING	24	6	0
15NR1A0403	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
15NR1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	19	40	2
15NR1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	40	2
15NR1A0403	RT32049	SEMINAR	40	0	1
15NR1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	36	3
15NR1A0405	RT32042	DIGITAL SIGNAL PROCESSING	21	37	3
15NR1A0405	RT32043	DIGITAL COMMUNICATIONS	25	44	3
15NR1A0405	RT32044	MICROWAVE ENGINEERING	28	42	3
15NR1A0405	RT32045A	BIO MEDICAL ENGINEERING	23	27	3
15NR1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15NR1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	21	41	2
15NR1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	39	2
15NR1A0405	RT32049	SEMINAR	47	0	1
15NR1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	32	3
15NR1A0406	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
15NR1A0406	RT32043	DIGITAL COMMUNICATIONS	27	30	3
15NR1A0406	RT32044	MICROWAVE ENGINEERING	25	40	3
15NR1A0406	RT32045A	BIO MEDICAL ENGINEERING	22	6	0
15NR1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15NR1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	20	39	2
15NR1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
15NR1A0406	RT32049	SEMINAR	40	0	1
15NR1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	12	0
15NR1A0407	RT32042	DIGITAL SIGNAL PROCESSING	18	32	3
15NR1A0407	RT32043	DIGITAL COMMUNICATIONS	25	33	3
15NR1A0407	RT32044	MICROWAVE ENGINEERING	27	27	3
15NR1A0407	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15NR1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15NR1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	41	2
15NR1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	43	2
15NR1A0407	RT32049	SEMINAR	44	0	1
15NR1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	31	3
15NR1A0408	RT32042	DIGITAL SIGNAL PROCESSING	24	40	3
15NR1A0408	RT32043	DIGITAL COMMUNICATIONS	28	38	3
15NR1A0408	RT32044	MICROWAVE ENGINEERING	28	36	3
15NR1A0408	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15NR1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15NR1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	18	42	2
15NR1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	41	2
15NR1A0408	RT32049	SEMINAR	40	0	1
15NR1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	28	3
15NR1A0409	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
15NR1A0409	RT32043	DIGITAL COMMUNICATIONS	27	24	3
15NR1A0409	RT32044	MICROWAVE ENGINEERING	26	33	3
15NR1A0409	RT32045A	BIO MEDICAL ENGINEERING	22	26	3
15NR1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15NR1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15NR1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	43	2
15NR1A0409	RT32049	SEMINAR	43	0	1
15NR1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
15NR1A0410	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0410	RT32043	DIGITAL COMMUNICATIONS	24	33	3
15NR1A0410	RT32044	MICROWAVE ENGINEERING	25	33	3
15NR1A0410	RT32045A	BIO MEDICAL ENGINEERING	28	14	0
15NR1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15NR1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15NR1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15NR1A0410	RT32049	SEMINAR	46	0	1
15NR1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	20	0
15NR1A0411	RT32042	DIGITAL SIGNAL PROCESSING	23	32	3
15NR1A0411	RT32043	DIGITAL COMMUNICATIONS	26	29	3
15NR1A0411	RT32044	MICROWAVE ENGINEERING	28	27	3
15NR1A0411	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
15NR1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15NR1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15NR1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
15NR1A0411	RT32049	SEMINAR	40	0	1
15NR1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	30	3
15NR1A0412	RT32042	DIGITAL SIGNAL PROCESSING	24	27	3
15NR1A0412	RT32043	DIGITAL COMMUNICATIONS	26	32	3
15NR1A0412	RT32044	MICROWAVE ENGINEERING	25	24	3
15NR1A0412	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
15NR1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15NR1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	21	41	2
15NR1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15NR1A0412	RT32049	SEMINAR	43	0	1
15NR1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	40	3
15NR1A0413	RT32042	DIGITAL SIGNAL PROCESSING	24	32	3
15NR1A0413	RT32043	DIGITAL COMMUNICATIONS	25	38	3
15NR1A0413	RT32044	MICROWAVE ENGINEERING	25	40	3
15NR1A0413	RT32045A	BIO MEDICAL ENGINEERING	21	31	3
15NR1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15NR1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15NR1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
15NR1A0413	RT32049	SEMINAR	41	0	1
15NR1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	38	3
15NR1A0414	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
15NR1A0414	RT32043	DIGITAL COMMUNICATIONS	26	31	3
15NR1A0414	RT32044	MICROWAVE ENGINEERING	27	33	3
15NR1A0414	RT32045A	BIO MEDICAL ENGINEERING	22	11	0
15NR1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15NR1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15NR1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	44	2
15NR1A0414	RT32049	SEMINAR	44	0	1
15NR1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	17	0
15NR1A0415	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
15NR1A0415	RT32043	DIGITAL COMMUNICATIONS	25	26	3
15NR1A0415	RT32044	MICROWAVE ENGINEERING	29	34	3
15NR1A0415	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15NR1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
15NR1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2



Htno	Subcode	Subname	Internal	External	Credits
15NR1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15NR1A0415	RT32049	SEMINAR	45	0	1
15NR1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	28	3
15NR1A0416	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15NR1A0416	RT32043	DIGITAL COMMUNICATIONS	23	32	3
15NR1A0416	RT32044	MICROWAVE ENGINEERING	28	27	3
15NR1A0416	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
15NR1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15NR1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15NR1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15NR1A0416	RT32049	SEMINAR	45	0	1
15NR1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
15NR1A0417	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
15NR1A0417	RT32043	DIGITAL COMMUNICATIONS	25	37	3
15NR1A0417	RT32044	MICROWAVE ENGINEERING	25	44	3
15NR1A0417	RT32045A	BIO MEDICAL ENGINEERING	25	32	3
15NR1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15NR1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15NR1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15NR1A0417	RT32049	SEMINAR	47	0	1
15NR1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	42	3
15NR1A0418	RT32042	DIGITAL SIGNAL PROCESSING	28	30	3
15NR1A0418	RT32043	DIGITAL COMMUNICATIONS	24	46	3
15NR1A0418	RT32044	MICROWAVE ENGINEERING	27	47	3
15NR1A0418	RT32045A	BIO MEDICAL ENGINEERING	24	26	3
15NR1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15NR1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15NR1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15NR1A0418	RT32049	SEMINAR	45	0	1
15NR1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	30	3
15NR1A0419	RT32042	DIGITAL SIGNAL PROCESSING	27	28	3
15NR1A0419	RT32043	DIGITAL COMMUNICATIONS	28	27	3
15NR1A0419	RT32044	MICROWAVE ENGINEERING	28	43	3
15NR1A0419	RT32045A	BIO MEDICAL ENGINEERING	23	50	3
15NR1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15NR1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15NR1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15NR1A0419	RT32049	SEMINAR	44	0	1
15NR1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	31	3
15NR1A0420	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
15NR1A0420	RT32043	DIGITAL COMMUNICATIONS	26	61	3
15NR1A0420	RT32044	MICROWAVE ENGINEERING	28	40	3
15NR1A0420	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15NR1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15NR1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15NR1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15NR1A0420	RT32049	SEMINAR	45	0	1
15NR1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15NR1A0421	RT32042	DIGITAL SIGNAL PROCESSING	26	45	3
15NR1A0421	RT32043	DIGITAL COMMUNICATIONS	27	42	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0421	RT32044	MICROWAVE ENGINEERING	27	45	3
15NR1A0421	RT32045A	BIO MEDICAL ENGINEERING	25	35	3
15NR1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15NR1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15NR1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15NR1A0421	RT32049	SEMINAR	48	0	1
15NR1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	38	3
15NR1A0422	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15NR1A0422	RT32043	DIGITAL COMMUNICATIONS	25	30	3
15NR1A0422	RT32044	MICROWAVE ENGINEERING	27	44	3
15NR1A0422	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
15NR1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15NR1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	18	38	2
15NR1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
15NR1A0422	RT32049	SEMINAR	37	0	1
15NR1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3
15NR1A0423	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
15NR1A0423	RT32043	DIGITAL COMMUNICATIONS	25	35	3
15NR1A0423	RT32044	MICROWAVE ENGINEERING	27	36	3
15NR1A0423	RT32045A	BIO MEDICAL ENGINEERING	24	27	3
15NR1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15NR1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15NR1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15NR1A0423	RT32049	SEMINAR	41	0	1
15NR1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	26	3
15NR1A0424	RT32042	DIGITAL SIGNAL PROCESSING	25	33	3
15NR1A0424	RT32043	DIGITAL COMMUNICATIONS	24	28	3
15NR1A0424	RT32044	MICROWAVE ENGINEERING	23	24	3
15NR1A0424	RT32045A	BIO MEDICAL ENGINEERING	21	27	3
15NR1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15NR1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15NR1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	43	2
15NR1A0424	RT32049	SEMINAR	40	0	1
15NR1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	31	3
15NR1A0425	RT32042	DIGITAL SIGNAL PROCESSING	26	7	0
15NR1A0425	RT32043	DIGITAL COMMUNICATIONS	23	39	3
15NR1A0425	RT32044	MICROWAVE ENGINEERING	25	42	3
15NR1A0425	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15NR1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15NR1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
15NR1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15NR1A0425	RT32049	SEMINAR	44	0	1
15NR1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
15NR1A0426	RT32042	DIGITAL SIGNAL PROCESSING	23	10	0
15NR1A0426	RT32043	DIGITAL COMMUNICATIONS	22	13	0
15NR1A0426	RT32044	MICROWAVE ENGINEERING	28	27	3
15NR1A0426	RT32045A	BIO MEDICAL ENGINEERING	21	3	0
15NR1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15NR1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	18	39	2
15NR1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	43	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0426	RT32049	SEMINAR	38	0	1
15NR1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
15NR1A0428	RT32042	DIGITAL SIGNAL PROCESSING	24	35	3
15NR1A0428	RT32043	DIGITAL COMMUNICATIONS	26	40	3
15NR1A0428	RT32044	MICROWAVE ENGINEERING	27	27	3
15NR1A0428	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
15NR1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15NR1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15NR1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15NR1A0428	RT32049	SEMINAR	49	0	1
15NR1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	19	0
15NR1A0429	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15NR1A0429	RT32043	DIGITAL COMMUNICATIONS	25	32	3
15NR1A0429	RT32044	MICROWAVE ENGINEERING	27	39	3
15NR1A0429	RT32045A	BIO MEDICAL ENGINEERING	25	24	3
15NR1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
15NR1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15NR1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15NR1A0429	RT32049	SEMINAR	49	0	1
15NR1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15NR1A0430	RT32042	DIGITAL SIGNAL PROCESSING	25	49	3
15NR1A0430	RT32043	DIGITAL COMMUNICATIONS	26	42	3
15NR1A0430	RT32044	MICROWAVE ENGINEERING	27	51	3
15NR1A0430	RT32045A	BIO MEDICAL ENGINEERING	25	54	3
15NR1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
15NR1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15NR1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15NR1A0430	RT32049	SEMINAR	48	0	1
15NR1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	40	3
15NR1A0431	RT32042	DIGITAL SIGNAL PROCESSING	26	26	3
15NR1A0431	RT32043	DIGITAL COMMUNICATIONS	28	42	3
15NR1A0431	RT32044	MICROWAVE ENGINEERING	28	38	3
15NR1A0431	RT32045A	BIO MEDICAL ENGINEERING	25	30	3
15NR1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15NR1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15NR1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15NR1A0431	RT32049	SEMINAR	48	0	1
15NR1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	30	3
15NR1A0432	RT32042	DIGITAL SIGNAL PROCESSING	28	38	3
15NR1A0432	RT32043	DIGITAL COMMUNICATIONS	27	24	3
15NR1A0432	RT32044	MICROWAVE ENGINEERING	26	37	3
15NR1A0432	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
15NR1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15NR1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15NR1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15NR1A0432	RT32049	SEMINAR	48	0	1
15NR1A0501	RT32051	SOFTWARE ENGINEERING	27	30	3
15NR1A0501	RT32052	DATA WARE HOUSING AND MINING	19	6	0
15NR1A0501	RT32053	COMPUTER NETWORKS	20	2	0
15NR1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	2	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0501	RT32055	WEB TECHNOLOGIES	18	0	0
15NR1A0501	RT32056	IPR AND PATENTS	22	3	0
15NR1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15NR1A0501	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15NR1A0501	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15NR1A0502	RT32051	SOFTWARE ENGINEERING	22	12	0
15NR1A0502	RT32052	DATA WARE HOUSING AND MINING	24	16	0
15NR1A0502	RT32053	COMPUTER NETWORKS	20	14	0
15NR1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	11	0
15NR1A0502	RT32055	WEB TECHNOLOGIES	21	-1	0
15NR1A0502	RT32056	IPR AND PATENTS	20	29	2
15NR1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15NR1A0502	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15NR1A0502	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15NR1A0503	RT32051	SOFTWARE ENGINEERING	27	30	3
15NR1A0503	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15NR1A0503	RT32053	COMPUTER NETWORKS	25	41	3
15NR1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	51	3
15NR1A0503	RT32055	WEB TECHNOLOGIES	26	30	3
15NR1A0503	RT32056	IPR AND PATENTS	24	52	2
15NR1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15NR1A0503	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0503	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR1A0504	RT32051	SOFTWARE ENGINEERING	26	24	3
15NR1A0504	RT32052	DATA WARE HOUSING AND MINING	27	33	3
15NR1A0504	RT32053	COMPUTER NETWORKS	27	30	3
15NR1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	27	3
15NR1A0504	RT32055	WEB TECHNOLOGIES	28	24	3
15NR1A0504	RT32056	IPR AND PATENTS	23	33	2
15NR1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15NR1A0504	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0504	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR1A0505	RT32051	SOFTWARE ENGINEERING	23	31	3
15NR1A0505	RT32052	DATA WARE HOUSING AND MINING	26	30	3
15NR1A0505	RT32053	COMPUTER NETWORKS	24	31	3
15NR1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	32	3
15NR1A0505	RT32055	WEB TECHNOLOGIES	23	30	3
15NR1A0505	RT32056	IPR AND PATENTS	20	41	2
15NR1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15NR1A0505	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15NR1A0505	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15NR1A0507	RT32051	SOFTWARE ENGINEERING	27	38	3
15NR1A0507	RT32052	DATA WARE HOUSING AND MINING	25	47	3
15NR1A0507	RT32053	COMPUTER NETWORKS	27	40	3
15NR1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15NR1A0507	RT32055	WEB TECHNOLOGIES	23	46	3
15NR1A0507	RT32056	IPR AND PATENTS	22	32	2
15NR1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15NR1A0507	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15NR1A0507	RT32059	WEB TECHNOLOGIES LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0508	RT32051	SOFTWARE ENGINEERING	27	32	3
15NR1A0508	RT32052	DATA WARE HOUSING AND MINING	25	26	3
15NR1A0508	RT32053	COMPUTER NETWORKS	21	24	3
15NR1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	45	3
15NR1A0508	RT32055	WEB TECHNOLOGIES	23	15	0
15NR1A0508	RT32056	IPR AND PATENTS	23	41	2
15NR1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15NR1A0508	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15NR1A0508	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15NR1A0509	RT32051	SOFTWARE ENGINEERING	27	0	0
15NR1A0509	RT32052	DATA WARE HOUSING AND MINING	25	27	3
15NR1A0509	RT32053	COMPUTER NETWORKS	28	31	3
15NR1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	17	0
15NR1A0509	RT32055	WEB TECHNOLOGIES	26	24	3
15NR1A0509	RT32056	IPR AND PATENTS	19	29	2
15NR1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15NR1A0509	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15NR1A0509	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0510	RT32051	SOFTWARE ENGINEERING	25	45	3
15NR1A0510	RT32052	DATA WARE HOUSING AND MINING	28	27	3
15NR1A0510	RT32053	COMPUTER NETWORKS	26	28	3
15NR1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
15NR1A0510	RT32055	WEB TECHNOLOGIES	23	33	3
15NR1A0510	RT32056	IPR AND PATENTS	20	36	2
15NR1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15NR1A0510	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15NR1A0510	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15NR1A0511	RT32051	SOFTWARE ENGINEERING	26	28	3
15NR1A0511	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15NR1A0511	RT32053	COMPUTER NETWORKS	24	24	3
15NR1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15NR1A0511	RT32055	WEB TECHNOLOGIES	24	30	3
15NR1A0511	RT32056	IPR AND PATENTS	21	32	2
15NR1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15NR1A0511	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0511	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15NR1A0512	RT32051	SOFTWARE ENGINEERING	26	25	3
15NR1A0512	RT32052	DATA WARE HOUSING AND MINING	23	34	3
15NR1A0512	RT32053	COMPUTER NETWORKS	25	34	3
15NR1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15NR1A0512	RT32055	WEB TECHNOLOGIES	27	40	3
15NR1A0512	RT32056	IPR AND PATENTS	20	40	2
15NR1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15NR1A0512	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15NR1A0512	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR1A0514	RT32051	SOFTWARE ENGINEERING	25	8	0
15NR1A0514	RT32052	DATA WARE HOUSING AND MINING	26	24	3
15NR1A0514	RT32053	COMPUTER NETWORKS	27	32	3
15NR1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	31	3
15NR1A0514	RT32055	WEB TECHNOLOGIES	27	24	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0514	RT32056	IPR AND PATENTS	23	24	2
15NR1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15NR1A0514	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15NR1A0514	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15NR1A0515	RT32051	SOFTWARE ENGINEERING	27	7	0
15NR1A0515	RT32052	DATA WARE HOUSING AND MINING	25	1	0
15NR1A0515	RT32053	COMPUTER NETWORKS	21	0	0
15NR1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	6	0
15NR1A0515	RT32055	WEB TECHNOLOGIES	17	0	0
15NR1A0515	RT32056	IPR AND PATENTS	18	3	0
15NR1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	39	2
15NR1A0515	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0515	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15NR1A0517	RT32051	SOFTWARE ENGINEERING	28	27	3
15NR1A0517	RT32052	DATA WARE HOUSING AND MINING	24	46	3
15NR1A0517	RT32053	COMPUTER NETWORKS	25	43	3
15NR1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	47	3
15NR1A0517	RT32055	WEB TECHNOLOGIES	30	45	3
15NR1A0517	RT32056	IPR AND PATENTS	24	29	2
15NR1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15NR1A0517	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0517	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15NR1A0518	RT32051	SOFTWARE ENGINEERING	25	24	3
15NR1A0518	RT32052	DATA WARE HOUSING AND MINING	21	18	0
15NR1A0518	RT32053	COMPUTER NETWORKS	25	24	3
15NR1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	51	3
15NR1A0518	RT32055	WEB TECHNOLOGIES	22	36	3
15NR1A0518	RT32056	IPR AND PATENTS	22	36	2
15NR1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15NR1A0518	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0518	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0521	RT32051	SOFTWARE ENGINEERING	25	31	3
15NR1A0521	RT32052	DATA WARE HOUSING AND MINING	25	42	3
15NR1A0521	RT32053	COMPUTER NETWORKS	26	39	3
15NR1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	17	0
15NR1A0521	RT32055	WEB TECHNOLOGIES	22	25	3
15NR1A0521	RT32056	IPR AND PATENTS	22	33	2
15NR1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15NR1A0521	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0521	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0522	RT32051	SOFTWARE ENGINEERING	27	37	3
15NR1A0522	RT32052	DATA WARE HOUSING AND MINING	26	33	3
15NR1A0522	RT32053	COMPUTER NETWORKS	26	28	3
15NR1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	31	3
15NR1A0522	RT32055	WEB TECHNOLOGIES	26	38	3
15NR1A0522	RT32056	IPR AND PATENTS	22	45	2
15NR1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15NR1A0522	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15NR1A0522	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0523	RT32051	SOFTWARE ENGINEERING	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0523	RT32052	DATA WARE HOUSING AND MINING	25	47	3
15NR1A0523	RT32053	COMPUTER NETWORKS	25	42	3
15NR1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	49	3
15NR1A0523	RT32055	WEB TECHNOLOGIES	25	50	3
15NR1A0523	RT32056	IPR AND PATENTS	22	32	2
15NR1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15NR1A0523	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15NR1A0523	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15NR1A0524	RT32051	SOFTWARE ENGINEERING	20	24	3
15NR1A0524	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15NR1A0524	RT32053	COMPUTER NETWORKS	24	28	3
15NR1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	46	3
15NR1A0524	RT32055	WEB TECHNOLOGIES	23	16	0
15NR1A0524	RT32056	IPR AND PATENTS	19	39	2
15NR1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15NR1A0524	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15NR1A0524	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15NR1A0525	RT32051	SOFTWARE ENGINEERING	26	6	0
15NR1A0525	RT32052	DATA WARE HOUSING AND MINING	27	34	3
15NR1A0525	RT32053	COMPUTER NETWORKS	24	33	3
15NR1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
15NR1A0525	RT32055	WEB TECHNOLOGIES	24	24	3
15NR1A0525	RT32056	IPR AND PATENTS	22	32	2
15NR1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15NR1A0525	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15NR1A0525	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15NR1A0526	RT32051	SOFTWARE ENGINEERING	28	51	3
15NR1A0526	RT32052	DATA WARE HOUSING AND MINING	26	38	3
15NR1A0526	RT32053	COMPUTER NETWORKS	28	28	3
15NR1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15NR1A0526	RT32055	WEB TECHNOLOGIES	29	46	3
15NR1A0526	RT32056	IPR AND PATENTS	24	44	2
15NR1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15NR1A0526	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0526	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15NR1A0528	RT32051	SOFTWARE ENGINEERING	26	39	3
15NR1A0528	RT32052	DATA WARE HOUSING AND MINING	26	47	3
15NR1A0528	RT32053	COMPUTER NETWORKS	25	42	3
15NR1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
15NR1A0528	RT32055	WEB TECHNOLOGIES	26	38	3
15NR1A0528	RT32056	IPR AND PATENTS	24	32	2
15NR1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15NR1A0528	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0528	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15NR1A0531	RT32051	SOFTWARE ENGINEERING	25	32	3
15NR1A0531	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15NR1A0531	RT32053	COMPUTER NETWORKS	28	42	3
15NR1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	53	3
15NR1A0531	RT32055	WEB TECHNOLOGIES	28	24	3
15NR1A0531	RT32056	IPR AND PATENTS	21	44	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15NR1A0531	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15NR1A0531	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0532	RT32051	SOFTWARE ENGINEERING	26	12	0
15NR1A0532	RT32052	DATA WARE HOUSING AND MINING	23	35	3
15NR1A0532	RT32053	COMPUTER NETWORKS	21	31	3
15NR1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	16	0
15NR1A0532	RT32055	WEB TECHNOLOGIES	21	12	0
15NR1A0532	RT32056	IPR AND PATENTS	17	39	2
15NR1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15NR1A0532	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0532	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0533	RT32051	SOFTWARE ENGINEERING	25	35	3
15NR1A0533	RT32052	DATA WARE HOUSING AND MINING	22	40	3
15NR1A0533	RT32053	COMPUTER NETWORKS	27	24	3
15NR1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	40	3
15NR1A0533	RT32055	WEB TECHNOLOGIES	24	26	3
15NR1A0533	RT32056	IPR AND PATENTS	23	59	2
15NR1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	45	2
15NR1A0533	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15NR1A0533	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0534	RT32051	SOFTWARE ENGINEERING	26	40	3
15NR1A0534	RT32052	DATA WARE HOUSING AND MINING	21	49	3
15NR1A0534	RT32053	COMPUTER NETWORKS	24	24	3
15NR1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15NR1A0534	RT32055	WEB TECHNOLOGIES	21	14	0
15NR1A0534	RT32056	IPR AND PATENTS	22	41	2
15NR1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	39	2
15NR1A0534	RT32058	SOFTWARE ENGINEERING LAB	15	46	2
15NR1A0534	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15NR1A0535	RT32051	SOFTWARE ENGINEERING	25	24	3
15NR1A0535	RT32052	DATA WARE HOUSING AND MINING	20	28	3
15NR1A0535	RT32053	COMPUTER NETWORKS	23	37	3
15NR1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	28	3
15NR1A0535	RT32055	WEB TECHNOLOGIES	21	13	0
15NR1A0535	RT32056	IPR AND PATENTS	20	39	2
15NR1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15NR1A0535	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0535	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0536	RT32051	SOFTWARE ENGINEERING	28	31	3
15NR1A0536	RT32052	DATA WARE HOUSING AND MINING	25	39	3
15NR1A0536	RT32053	COMPUTER NETWORKS	25	33	3
15NR1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15NR1A0536	RT32055	WEB TECHNOLOGIES	26	10	0
15NR1A0536	RT32056	IPR AND PATENTS	21	24	2
15NR1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15NR1A0536	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15NR1A0536	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0538	RT32051	SOFTWARE ENGINEERING	21	13	0
15NR1A0538	RT32052	DATA WARE HOUSING AND MINING	22	8	0



Htno	Subcode	Subname	Internal	External	Credits
15NR1A0538	RT32053	COMPUTER NETWORKS	18	5	0
15NR1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	-1	0
15NR1A0538	RT32055	WEB TECHNOLOGIES	19	0	0
15NR1A0538	RT32056	IPR AND PATENTS	19	13	0
15NR1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15NR1A0538	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15NR1A0538	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15NR1A0539	RT32051	SOFTWARE ENGINEERING	26	36	3
15NR1A0539	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15NR1A0539	RT32053	COMPUTER NETWORKS	28	46	3
15NR1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	49	3
15NR1A0539	RT32055	WEB TECHNOLOGIES	26	50	3
15NR1A0539	RT32056	IPR AND PATENTS	23	36	2
15NR1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15NR1A0539	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15NR1A0539	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15NR1A0540	RT32051	SOFTWARE ENGINEERING	15	0	0
15NR1A0540	RT32052	DATA WARE HOUSING AND MINING	12	7	0
15NR1A0540	RT32053	COMPUTER NETWORKS	14	11	0
15NR1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	2	0
15NR1A0540	RT32055	WEB TECHNOLOGIES	18	0	0
15NR1A0540	RT32056	IPR AND PATENTS	18	14	0
15NR1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15NR1A0540	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15NR1A0540	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15NR1A0541	RT32051	SOFTWARE ENGINEERING	26	24	3
15NR1A0541	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15NR1A0541	RT32053	COMPUTER NETWORKS	25	34	3
15NR1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	26	3
15NR1A0541	RT32055	WEB TECHNOLOGIES	30	12	0
15NR1A0541	RT32056	IPR AND PATENTS	23	29	2
15NR1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15NR1A0541	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15NR1A0541	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR1A0543	RT32051	SOFTWARE ENGINEERING	23	37	3
15NR1A0543	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15NR1A0543	RT32053	COMPUTER NETWORKS	19	16	0
15NR1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	16	0
15NR1A0543	RT32055	WEB TECHNOLOGIES	21	27	3
15NR1A0543	RT32056	IPR AND PATENTS	19	53	2
15NR1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	44	2
15NR1A0543	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15NR1A0543	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15NR1A0544	RT32051	SOFTWARE ENGINEERING	25	26	3
15NR1A0544	RT32052	DATA WARE HOUSING AND MINING	26	40	3
15NR1A0544	RT32053	COMPUTER NETWORKS	24	29	3
15NR1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	44	3
15NR1A0544	RT32055	WEB TECHNOLOGIES	24	42	3
15NR1A0544	RT32056	IPR AND PATENTS	23	34	2
15NR1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0544	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0544	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0545	RT32051	SOFTWARE ENGINEERING	27	31	3
15NR1A0545	RT32052	DATA WARE HOUSING AND MINING	26	25	3
15NR1A0545	RT32053	COMPUTER NETWORKS	26	35	3
15NR1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15NR1A0545	RT32055	WEB TECHNOLOGIES	28	30	3
15NR1A0545	RT32056	IPR AND PATENTS	22	36	2
15NR1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15NR1A0545	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15NR1A0545	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15NR1A0548	RT32051	SOFTWARE ENGINEERING	24	11	0
15NR1A0548	RT32052	DATA WARE HOUSING AND MINING	18	26	3
15NR1A0548	RT32053	COMPUTER NETWORKS	20	11	0
15NR1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	4	0
15NR1A0548	RT32055	WEB TECHNOLOGIES	19	7	0
15NR1A0548	RT32056	IPR AND PATENTS	18	24	2
15NR1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15NR1A0548	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15NR1A0548	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15NR1A0549	RT32051	SOFTWARE ENGINEERING	25	36	3
15NR1A0549	RT32052	DATA WARE HOUSING AND MINING	27	26	3
15NR1A0549	RT32053	COMPUTER NETWORKS	25	38	3
15NR1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	15	0
15NR1A0549	RT32055	WEB TECHNOLOGIES	25	27	3
15NR1A0549	RT32056	IPR AND PATENTS	21	34	2
15NR1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15NR1A0549	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15NR1A0549	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15NR1A0551	RT32051	SOFTWARE ENGINEERING	20	10	0
15NR1A0551	RT32052	DATA WARE HOUSING AND MINING	20	24	3
15NR1A0551	RT32053	COMPUTER NETWORKS	18	27	3
15NR1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	34	3
15NR1A0551	RT32055	WEB TECHNOLOGIES	18	37	3
15NR1A0551	RT32056	IPR AND PATENTS	20	36	2
15NR1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15NR1A0551	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15NR1A0551	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0552	RT32051	SOFTWARE ENGINEERING	27	19	0
15NR1A0552	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15NR1A0552	RT32053	COMPUTER NETWORKS	27	35	3
15NR1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
15NR1A0552	RT32055	WEB TECHNOLOGIES	21	24	3
15NR1A0552	RT32056	IPR AND PATENTS	23	35	2
15NR1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15NR1A0552	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0552	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0553	RT32051	SOFTWARE ENGINEERING	25	4	0
15NR1A0553	RT32052	DATA WARE HOUSING AND MINING	28	38	3
15NR1A0553	RT32053	COMPUTER NETWORKS	25	14	0

Htno	Subcode	Subname	Internal	External	Credits
15NR1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	27	3
15NR1A0553	RT32055	WEB TECHNOLOGIES	27	12	0
15NR1A0553	RT32056	IPR AND PATENTS	20	27	2
15NR1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15NR1A0553	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15NR1A0553	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15NR1A0554	RT32051	SOFTWARE ENGINEERING	26	20	0
15NR1A0554	RT32052	DATA WARE HOUSING AND MINING	25	24	3
15NR1A0554	RT32053	COMPUTER NETWORKS	24	24	3
15NR1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	26	3
15NR1A0554	RT32055	WEB TECHNOLOGIES	23	26	3
15NR1A0554	RT32056	IPR AND PATENTS	20	47	2
15NR1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15NR1A0554	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15NR1A0554	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15NR1A0555	RT32051	SOFTWARE ENGINEERING	27	43	3
15NR1A0555	RT32052	DATA WARE HOUSING AND MINING	26	51	3
15NR1A0555	RT32053	COMPUTER NETWORKS	28	43	3
15NR1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15NR1A0555	RT32055	WEB TECHNOLOGIES	29	56	3
15NR1A0555	RT32056	IPR AND PATENTS	22	36	2
15NR1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15NR1A0555	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0555	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR1A0556	RT32051	SOFTWARE ENGINEERING	25	24	3
15NR1A0556	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15NR1A0556	RT32053	COMPUTER NETWORKS	22	42	3
15NR1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15NR1A0556	RT32055	WEB TECHNOLOGIES	22	8	0
15NR1A0556	RT32056	IPR AND PATENTS	24	42	2
15NR1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15NR1A0556	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15NR1A0556	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15NR1A0557	RT32051	SOFTWARE ENGINEERING	27	31	3
15NR1A0557	RT32052	DATA WARE HOUSING AND MINING	25	43	3
15NR1A0557	RT32053	COMPUTER NETWORKS	28	28	3
15NR1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	66	3
15NR1A0557	RT32055	WEB TECHNOLOGIES	27	38	3
15NR1A0557	RT32056	IPR AND PATENTS	24	33	2
15NR1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15NR1A0557	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15NR1A0557	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15NR5A0101	RT32012	GEOTECHNICAL ENGINEERING II	19	0	0
15NR5A0101	RT32014	WATER RESOURCES ENGINEERING I	16	25	3
15NR5A0101	RT32015	TRANSPORTATION ENGINEERING II	13	21	0
15NR5A0101	RT32016B	DISASTER MANAGEMENT	14	2	0
15NR5A0110	RT32012	GEOTECHNICAL ENGINEERING II	18	68	3
15NR5A0114	RT32014	WATER RESOURCES ENGINEERING I	18	20	0
15NR5A0115	RT32012	GEOTECHNICAL ENGINEERING II	18	18	0
15NR5A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	19	0

Htno	Subcode	Subname	Internal	External	Credits
15NR5A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	35	3
15NR5A0209	RT32024	POWER SYSTEM ANALYSIS	9	16	0
15NR5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	13	0
15NR5A0217	RT32024	POWER SYSTEM ANALYSIS	6	25	0
15NR5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	20	30	3
15NR5A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	22	0
15NR5A0220	RT32024	POWER SYSTEM ANALYSIS	1	31	0
15NR5A0220	RT32026	POWER SEMICONDUCTOR DRIVES	20	0	0
15NR5A0230	RT32026	POWER SEMICONDUCTOR DRIVES	0	33	0
15NR5A0314	RT32034	ROBOTICS	22	33	3
15NR5A0332	RT32031	OPERATIONS RESEARCH	18	34	3
15NR5A0332	RT32034	ROBOTICS	20	20	0
15NR5A0351	RT32031	OPERATIONS RESEARCH	19	38	3
15NR5A0404	RT32042	DIGITAL SIGNAL PROCESSING	17	16	0
15NR5A0404	RT32043	DIGITAL COMMUNICATIONS	11	29	3
15NR5A0404	RT32044	MICROWAVE ENGINEERING	5	18	0
15NR5A0405	RT32043	DIGITAL COMMUNICATIONS	24	34	3
15NR5A0405	RT32044	MICROWAVE ENGINEERING	14	34	3
15NR5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	19	0
15NR5A0410	RT32042	DIGITAL SIGNAL PROCESSING	16	8	0
15NR5A0410	RT32043	DIGITAL COMMUNICATIONS	18	8	0
15NR5A0410	RT32044	MICROWAVE ENGINEERING	18	28	3
15NR5A0410	RT32045A	BIO MEDICAL ENGINEERING	12	28	3
15NR5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	37	3
15NR5A0412	RT32042	DIGITAL SIGNAL PROCESSING	24	18	0
15NR5A0412	RT32044	MICROWAVE ENGINEERING	14	26	3
15NR5A0506	RT32052	DATA WARE HOUSING AND MINING	12	16	0
16NR5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	43	3
16NR5A0101	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
16NR5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	38	3
16NR5A0101	RT32014	WATER RESOURCES ENGINEERING I	25	38	3
16NR5A0101	RT32015	TRANSPORTATION ENGINEERING II	27	34	3
16NR5A0101	RT32016B	DISASTER MANAGEMENT	21	6	0
16NR5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
16NR5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	20	38	2
16NR5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	23	26	3
16NR5A0102	RT32012	GEOTECHNICAL ENGINEERING II	21	4	0
16NR5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	10	0
16NR5A0102	RT32014	WATER RESOURCES ENGINEERING I	25	32	3
16NR5A0102	RT32015	TRANSPORTATION ENGINEERING II	24	15	0
16NR5A0102	RT32016B	DISASTER MANAGEMENT	13	27	3
16NR5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
16NR5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	0	43	2
16NR5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	24	46	3
16NR5A0103	RT32012	GEOTECHNICAL ENGINEERING II	21	52	3
16NR5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	57	3
16NR5A0103	RT32014	WATER RESOURCES ENGINEERING I	25	26	3
16NR5A0103	RT32015	TRANSPORTATION ENGINEERING II	27	50	3
16NR5A0103	RT32016B	DISASTER MANAGEMENT	21	8	0
16NR5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
16NR5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	25	54	3
16NR5A0104	RT32012	GEOTECHNICAL ENGINEERING II	23	43	3
16NR5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	32	3
16NR5A0104	RT32014	WATER RESOURCES ENGINEERING I	20	53	3
16NR5A0104	RT32015	TRANSPORTATION ENGINEERING II	26	47	3
16NR5A0104	RT32016B	DISASTER MANAGEMENT	21	30	3
16NR5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
16NR5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
16NR5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	22	35	3
16NR5A0105	RT32012	GEOTECHNICAL ENGINEERING II	19	17	0
16NR5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	25	3
16NR5A0105	RT32014	WATER RESOURCES ENGINEERING I	21	36	3
16NR5A0105	RT32015	TRANSPORTATION ENGINEERING II	15	35	3
16NR5A0105	RT32016B	DISASTER MANAGEMENT	21	5	0
16NR5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
16NR5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	15	38	2
16NR5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	24	32	3
16NR5A0107	RT32012	GEOTECHNICAL ENGINEERING II	22	15	0
16NR5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	40	3
16NR5A0107	RT32014	WATER RESOURCES ENGINEERING I	26	39	3
16NR5A0107	RT32015	TRANSPORTATION ENGINEERING II	22	17	0
16NR5A0107	RT32016B	DISASTER MANAGEMENT	20	5	0
16NR5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
16NR5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	19	44	2
16NR5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	5	29	0
16NR5A0108	RT32012	GEOTECHNICAL ENGINEERING II	5	24	0
16NR5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	10	0
16NR5A0108	RT32014	WATER RESOURCES ENGINEERING I	5	30	0
16NR5A0108	RT32015	TRANSPORTATION ENGINEERING II	5	14	0
16NR5A0108	RT32016B	DISASTER MANAGEMENT	5	24	0
16NR5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	36	2
16NR5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	0	-1	0
16NR5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	26	31	3
16NR5A0109	RT32012	GEOTECHNICAL ENGINEERING II	22	36	3
16NR5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	35	3
16NR5A0109	RT32014	WATER RESOURCES ENGINEERING I	27	37	3
16NR5A0109	RT32015	TRANSPORTATION ENGINEERING II	22	41	3
16NR5A0109	RT32016B	DISASTER MANAGEMENT	21	29	3
16NR5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
16NR5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	20	44	2
16NR5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	25	64	3
16NR5A0111	RT32012	GEOTECHNICAL ENGINEERING II	25	38	3
16NR5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	46	3
16NR5A0111	RT32014	WATER RESOURCES ENGINEERING I	29	52	3
16NR5A0111	RT32015	TRANSPORTATION ENGINEERING II	28	45	3
16NR5A0111	RT32016B	DISASTER MANAGEMENT	24	27	3
16NR5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
16NR5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
16NR5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	28	31	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0112	RT32012	GEOTECHNICAL ENGINEERING II	24	17	0
16NR5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	35	3
16NR5A0112	RT32014	WATER RESOURCES ENGINEERING I	28	61	3
16NR5A0112	RT32015	TRANSPORTATION ENGINEERING II	28	11	0
16NR5A0112	RT32016B	DISASTER MANAGEMENT	21	25	3
16NR5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
16NR5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	18	36	2
16NR5A0113	RT32011	ENVIRONMENTAL ENGINEERING I	24	51	3
16NR5A0113	RT32012	GEOTECHNICAL ENGINEERING II	21	69	3
16NR5A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	57	3
16NR5A0113	RT32014	WATER RESOURCES ENGINEERING I	29	53	3
16NR5A0113	RT32015	TRANSPORTATION ENGINEERING II	28	40	3
16NR5A0113	RT32016B	DISASTER MANAGEMENT	21	26	3
16NR5A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
16NR5A0113	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
16NR5A0114	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
16NR5A0114	RT32012	GEOTECHNICAL ENGINEERING II	21	37	3
16NR5A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	33	3
16NR5A0114	RT32014	WATER RESOURCES ENGINEERING I	26	24	3
16NR5A0114	RT32015	TRANSPORTATION ENGINEERING II	27	24	3
16NR5A0114	RT32016B	DISASTER MANAGEMENT	20	6	0
16NR5A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
16NR5A0114	RT32018	TRANSPORTATION ENGINEERING LAB	21	38	2
16NR5A0115	RT32011	ENVIRONMENTAL ENGINEERING I	26	43	3
16NR5A0115	RT32012	GEOTECHNICAL ENGINEERING II	22	38	3
16NR5A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	46	3
16NR5A0115	RT32014	WATER RESOURCES ENGINEERING I	27	43	3
16NR5A0115	RT32015	TRANSPORTATION ENGINEERING II	27	38	3
16NR5A0115	RT32016B	DISASTER MANAGEMENT	25	29	3
16NR5A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
16NR5A0115	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
16NR5A0116	RT32011	ENVIRONMENTAL ENGINEERING I	25	33	3
16NR5A0116	RT32012	GEOTECHNICAL ENGINEERING II	22	10	0
16NR5A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	26	3
16NR5A0116	RT32014	WATER RESOURCES ENGINEERING I	28	47	3
16NR5A0116	RT32015	TRANSPORTATION ENGINEERING II	26	29	3
16NR5A0116	RT32016B	DISASTER MANAGEMENT	22	8	0
16NR5A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	62	2
16NR5A0116	RT32018	TRANSPORTATION ENGINEERING LAB	20	36	2
16NR5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	24	40	3
16NR5A0117	RT32012	GEOTECHNICAL ENGINEERING II	25	55	3
16NR5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	52	3
16NR5A0117	RT32014	WATER RESOURCES ENGINEERING I	28	42	3
16NR5A0117	RT32015	TRANSPORTATION ENGINEERING II	29	31	3
16NR5A0117	RT32016B	DISASTER MANAGEMENT	22	28	3
16NR5A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
16NR5A0117	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
16NR5A0119	RT32011	ENVIRONMENTAL ENGINEERING I	25	52	3
16NR5A0119	RT32012	GEOTECHNICAL ENGINEERING II	23	39	3
16NR5A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	56	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0119	RT32014	WATER RESOURCES ENGINEERING I	27	48	3
16NR5A0119	RT32015	TRANSPORTATION ENGINEERING II	29	42	3
16NR5A0119	RT32016B	DISASTER MANAGEMENT	23	24	3
16NR5A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	70	2
16NR5A0119	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
16NR5A0120	RT32011	ENVIRONMENTAL ENGINEERING I	24	27	3
16NR5A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
16NR5A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	24	3
16NR5A0120	RT32014	WATER RESOURCES ENGINEERING I	19	18	0
16NR5A0120	RT32015	TRANSPORTATION ENGINEERING II	22	30	3
16NR5A0120	RT32016B	DISASTER MANAGEMENT	18	1	0
16NR5A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
16NR5A0120	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
16NR5A0121	RT32011	ENVIRONMENTAL ENGINEERING I	24	31	3
16NR5A0121	RT32012	GEOTECHNICAL ENGINEERING II	16	5	0
16NR5A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	26	3
16NR5A0121	RT32014	WATER RESOURCES ENGINEERING I	24	51	3
16NR5A0121	RT32015	TRANSPORTATION ENGINEERING II	25	30	3
16NR5A0121	RT32016B	DISASTER MANAGEMENT	24	5	0
16NR5A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	61	2
16NR5A0121	RT32018	TRANSPORTATION ENGINEERING LAB	17	40	2
16NR5A0123	RT32011	ENVIRONMENTAL ENGINEERING I	26	41	3
16NR5A0123	RT32012	GEOTECHNICAL ENGINEERING II	22	55	3
16NR5A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	47	3
16NR5A0123	RT32014	WATER RESOURCES ENGINEERING I	22	38	3
16NR5A0123	RT32015	TRANSPORTATION ENGINEERING II	29	39	3
16NR5A0123	RT32016B	DISASTER MANAGEMENT	24	8	0
16NR5A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
16NR5A0123	RT32018	TRANSPORTATION ENGINEERING LAB	18	40	2
16NR5A0124	RT32011	ENVIRONMENTAL ENGINEERING I	19	15	0
16NR5A0124	RT32012	GEOTECHNICAL ENGINEERING II	20	55	3
16NR5A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	37	3
16NR5A0124	RT32014	WATER RESOURCES ENGINEERING I	16	40	3
16NR5A0124	RT32015	TRANSPORTATION ENGINEERING II	20	47	3
16NR5A0124	RT32016B	DISASTER MANAGEMENT	16	52	3
16NR5A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	-1	0
16NR5A0124	RT32018	TRANSPORTATION ENGINEERING LAB	0	-1	0
16NR5A0125	RT32011	ENVIRONMENTAL ENGINEERING I	27	46	3
16NR5A0125	RT32012	GEOTECHNICAL ENGINEERING II	21	31	3
16NR5A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	27	3
16NR5A0125	RT32014	WATER RESOURCES ENGINEERING I	26	38	3
16NR5A0125	RT32015	TRANSPORTATION ENGINEERING II	24	44	3
16NR5A0125	RT32016B	DISASTER MANAGEMENT	25	24	3
16NR5A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	62	2
16NR5A0125	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
16NR5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	39	3
16NR5A0201	RT32022	SWITCHGEAR AND PROTECTION	21	26	3
16NR5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	37	3
16NR5A0201	RT32024	POWER SYSTEM ANALYSIS	24	24	3
16NR5A0201	RT32025	MANAGEMENT SCIENCE	26	17	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	26	37	3
16NR5A0201	RT32027	POWER ELECTRONICS LAB	24	49	2
16NR5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16NR5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
16NR5A0202	RT32022	SWITCHGEAR AND PROTECTION	20	37	3
16NR5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	28	3
16NR5A0202	RT32024	POWER SYSTEM ANALYSIS	17	24	3
16NR5A0202	RT32025	MANAGEMENT SCIENCE	25	35	3
16NR5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	22	35	3
16NR5A0202	RT32027	POWER ELECTRONICS LAB	23	47	2
16NR5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16NR5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	34	3
16NR5A0203	RT32022	SWITCHGEAR AND PROTECTION	13	23	0
16NR5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	57	3
16NR5A0203	RT32024	POWER SYSTEM ANALYSIS	16	24	3
16NR5A0203	RT32025	MANAGEMENT SCIENCE	18	37	3
16NR5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	19	17	0
16NR5A0203	RT32027	POWER ELECTRONICS LAB	22	42	2
16NR5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
16NR5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	17	0
16NR5A0205	RT32022	SWITCHGEAR AND PROTECTION	22	43	3
16NR5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	34	3
16NR5A0205	RT32024	POWER SYSTEM ANALYSIS	18	25	3
16NR5A0205	RT32025	MANAGEMENT SCIENCE	24	48	3
16NR5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	23	31	3
16NR5A0205	RT32027	POWER ELECTRONICS LAB	21	40	2
16NR5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	19	40	2
16NR5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
16NR5A0207	RT32022	SWITCHGEAR AND PROTECTION	17	36	3
16NR5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
16NR5A0207	RT32024	POWER SYSTEM ANALYSIS	19	10	0
16NR5A0207	RT32025	MANAGEMENT SCIENCE	25	32	3
16NR5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	19	29	3
16NR5A0207	RT32027	POWER ELECTRONICS LAB	21	40	2
16NR5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
16NR5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	30	3
16NR5A0208	RT32022	SWITCHGEAR AND PROTECTION	25	36	3
16NR5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	32	3
16NR5A0208	RT32024	POWER SYSTEM ANALYSIS	19	14	0
16NR5A0208	RT32025	MANAGEMENT SCIENCE	25	39	3
16NR5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	24	32	3
16NR5A0208	RT32027	POWER ELECTRONICS LAB	24	42	2
16NR5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
16NR5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	28	3
16NR5A0209	RT32022	SWITCHGEAR AND PROTECTION	20	38	3
16NR5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	56	3
16NR5A0209	RT32024	POWER SYSTEM ANALYSIS	19	34	3
16NR5A0209	RT32025	MANAGEMENT SCIENCE	22	30	3
16NR5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	20	49	3
16NR5A0209	RT32027	POWER ELECTRONICS LAB	21	40	2



Htno	Subcode	Subname	Internal	External	Credits
16NR5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
16NR5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	24	3
16NR5A0210	RT32022	SWITCHGEAR AND PROTECTION	22	62	3
16NR5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	34	3
16NR5A0210	RT32024	POWER SYSTEM ANALYSIS	20	55	3
16NR5A0210	RT32025	MANAGEMENT SCIENCE	25	50	3
16NR5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	26	35	3
16NR5A0210	RT32027	POWER ELECTRONICS LAB	23	49	2
16NR5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	21	48	2
16NR5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	28	3
16NR5A0213	RT32022	SWITCHGEAR AND PROTECTION	22	36	3
16NR5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	11	0
16NR5A0213	RT32024	POWER SYSTEM ANALYSIS	17	11	0
16NR5A0213	RT32025	MANAGEMENT SCIENCE	23	27	3
16NR5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	20	29	3
16NR5A0213	RT32027	POWER ELECTRONICS LAB	19	38	2
16NR5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	17	40	2
16NR5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
16NR5A0214	RT32022	SWITCHGEAR AND PROTECTION	18	31	3
16NR5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
16NR5A0214	RT32024	POWER SYSTEM ANALYSIS	22	31	3
16NR5A0214	RT32025	MANAGEMENT SCIENCE	25	35	3
16NR5A0214	RT32026	POWER SEMICONDUCTOR DRIVES	20	24	3
16NR5A0214	RT32027	POWER ELECTRONICS LAB	22	41	2
16NR5A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16NR5A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	28	3
16NR5A0215	RT32022	SWITCHGEAR AND PROTECTION	18	43	3
16NR5A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	43	3
16NR5A0215	RT32024	POWER SYSTEM ANALYSIS	23	29	3
16NR5A0215	RT32025	MANAGEMENT SCIENCE	26	44	3
16NR5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
16NR5A0215	RT32027	POWER ELECTRONICS LAB	22	43	2
16NR5A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
16NR5A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	40	3
16NR5A0216	RT32022	SWITCHGEAR AND PROTECTION	19	47	3
16NR5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	43	3
16NR5A0216	RT32024	POWER SYSTEM ANALYSIS	23	47	3
16NR5A0216	RT32025	MANAGEMENT SCIENCE	22	49	3
16NR5A0216	RT32026	POWER SEMICONDUCTOR DRIVES	23	35	3
16NR5A0216	RT32027	POWER ELECTRONICS LAB	23	47	2
16NR5A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	23	46	2
16NR5A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	29	3
16NR5A0218	RT32022	SWITCHGEAR AND PROTECTION	16	27	3
16NR5A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	17	0
16NR5A0218	RT32024	POWER SYSTEM ANALYSIS	21	5	0
16NR5A0218	RT32025	MANAGEMENT SCIENCE	24	24	3
16NR5A0218	RT32026	POWER SEMICONDUCTOR DRIVES	21	34	3
16NR5A0218	RT32027	POWER ELECTRONICS LAB	20	40	2
16NR5A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
16NR5A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	42	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0219	RT32022	SWITCHGEAR AND PROTECTION	26	38	3
16NR5A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	39	3
16NR5A0219	RT32024	POWER SYSTEM ANALYSIS	23	31	3
16NR5A0219	RT32025	MANAGEMENT SCIENCE	23	36	3
16NR5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	25	45	3
16NR5A0219	RT32027	POWER ELECTRONICS LAB	24	49	2
16NR5A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16NR5A0301	RT32031	OPERATIONS RESEARCH	21	33	3
16NR5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	14	0
16NR5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	26	26	3
16NR5A0301	RT32034	ROBOTICS	27	24	3
16NR5A0301	RT32035	HEAT TRANSFER	24	7	0
16NR5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
16NR5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	20	18	0
16NR5A0301	RT32038	HEAT TRANSFER LAB	24	48	2
16NR5A0304	RT32031	OPERATIONS RESEARCH	22	14	0
16NR5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
16NR5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	24	55	3
16NR5A0304	RT32034	ROBOTICS	24	44	3
16NR5A0304	RT32035	HEAT TRANSFER	21	37	3
16NR5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	28	3
16NR5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	24	42	3
16NR5A0304	RT32038	HEAT TRANSFER LAB	24	48	2
16NR5A0305	RT32031	OPERATIONS RESEARCH	23	29	3
16NR5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	47	3
16NR5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	25	31	3
16NR5A0305	RT32034	ROBOTICS	28	26	3
16NR5A0305	RT32035	HEAT TRANSFER	26	30	3
16NR5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	32	3
16NR5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	22	13	0
16NR5A0305	RT32038	HEAT TRANSFER LAB	23	49	2
16NR5A0306	RT32031	OPERATIONS RESEARCH	22	36	3
16NR5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	31	3
16NR5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	24	38	3
16NR5A0306	RT32034	ROBOTICS	27	24	3
16NR5A0306	RT32035	HEAT TRANSFER	25	37	3
16NR5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	56	3
16NR5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	24	34	3
16NR5A0306	RT32038	HEAT TRANSFER LAB	25	47	2
16NR5A0307	RT32031	OPERATIONS RESEARCH	26	35	3
16NR5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
16NR5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	24	33	3
16NR5A0307	RT32034	ROBOTICS	25	37	3
16NR5A0307	RT32035	HEAT TRANSFER	26	24	3
16NR5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	29	3
16NR5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
16NR5A0307	RT32038	HEAT TRANSFER LAB	24	43	2
16NR5A0308	RT32031	OPERATIONS RESEARCH	18	25	3
16NR5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	27	3
16NR5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	27	49	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0308	RT32034	ROBOTICS	27	36	3
16NR5A0308	RT32035	HEAT TRANSFER	26	30	3
16NR5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	43	3
16NR5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	24	30	3
16NR5A0308	RT32038	HEAT TRANSFER LAB	25	49	2
16NR5A0312	RT32031	OPERATIONS RESEARCH	21	29	3
16NR5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	29	3
16NR5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
16NR5A0312	RT32034	ROBOTICS	27	31	3
16NR5A0312	RT32035	HEAT TRANSFER	24	14	0
16NR5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
16NR5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	23	6	0
16NR5A0312	RT32038	HEAT TRANSFER LAB	23	39	2
16NR5A0316	RT32031	OPERATIONS RESEARCH	24	39	3
16NR5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	39	3
16NR5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	27	40	3
16NR5A0316	RT32034	ROBOTICS	26	34	3
16NR5A0316	RT32035	HEAT TRANSFER	27	45	3
16NR5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	44	3
16NR5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	24	38	3
16NR5A0316	RT32038	HEAT TRANSFER LAB	25	46	2
16NR5A0317	RT32031	OPERATIONS RESEARCH	28	40	3
16NR5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	24	3
16NR5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	22	25	3
16NR5A0317	RT32034	ROBOTICS	28	24	3
16NR5A0317	RT32035	HEAT TRANSFER	26	37	3
16NR5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	35	3
16NR5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	23	44	3
16NR5A0317	RT32038	HEAT TRANSFER LAB	25	48	2
16NR5A0318	RT32031	OPERATIONS RESEARCH	25	38	3
16NR5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
16NR5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	25	54	3
16NR5A0318	RT32034	ROBOTICS	28	47	3
16NR5A0318	RT32035	HEAT TRANSFER	27	24	3
16NR5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	36	3
16NR5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	24	45	3
16NR5A0318	RT32038	HEAT TRANSFER LAB	24	47	2
16NR5A0319	RT32031	OPERATIONS RESEARCH	25	35	3
16NR5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
16NR5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	23	29	3
16NR5A0319	RT32034	ROBOTICS	28	36	3
16NR5A0319	RT32035	HEAT TRANSFER	26	24	3
16NR5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	38	3
16NR5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	22	11	0
16NR5A0319	RT32038	HEAT TRANSFER LAB	23	49	2
16NR5A0320	RT32031	OPERATIONS RESEARCH	27	27	3
16NR5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	33	3
16NR5A0320	RT32033	DESIGN OF MACHINE MEMBERS II	25	26	3
16NR5A0320	RT32034	ROBOTICS	27	24	3
16NR5A0320	RT32035	HEAT TRANSFER	22	16	0

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	48	3
16NR5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	23	27	3
16NR5A0320	RT32038	HEAT TRANSFER LAB	24	48	2
16NR5A0321	RT32031	OPERATIONS RESEARCH	26	49	3
16NR5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	40	3
16NR5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	26	29	3
16NR5A0321	RT32034	ROBOTICS	27	37	3
16NR5A0321	RT32035	HEAT TRANSFER	28	27	3
16NR5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	43	3
16NR5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	26	42	3
16NR5A0321	RT32038	HEAT TRANSFER LAB	25	47	2
16NR5A0323	RT32031	OPERATIONS RESEARCH	28	39	3
16NR5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
16NR5A0323	RT32033	DESIGN OF MACHINE MEMBERS II	28	57	3
16NR5A0323	RT32034	ROBOTICS	26	47	3
16NR5A0323	RT32035	HEAT TRANSFER	27	41	3
16NR5A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
16NR5A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	24	39	3
16NR5A0323	RT32038	HEAT TRANSFER LAB	23	48	2
16NR5A0324	RT32031	OPERATIONS RESEARCH	27	34	3
16NR5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	45	3
16NR5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	28	28	3
16NR5A0324	RT32034	ROBOTICS	27	36	3
16NR5A0324	RT32035	HEAT TRANSFER	23	35	3
16NR5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	38	3
16NR5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	23	11	0
16NR5A0324	RT32038	HEAT TRANSFER LAB	23	40	2
16NR5A0325	RT32031	OPERATIONS RESEARCH	21	9	0
16NR5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
16NR5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	26	18	0
16NR5A0325	RT32034	ROBOTICS	24	5	0
16NR5A0325	RT32035	HEAT TRANSFER	24	14	0
16NR5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	18	0
16NR5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	25	14	0
16NR5A0325	RT32038	HEAT TRANSFER LAB	22	40	2
16NR5A0326	RT32031	OPERATIONS RESEARCH	26	42	3
16NR5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	7	0
16NR5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	26	24	3
16NR5A0326	RT32034	ROBOTICS	28	24	3
16NR5A0326	RT32035	HEAT TRANSFER	24	8	0
16NR5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	44	3
16NR5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	24	17	0
16NR5A0326	RT32038	HEAT TRANSFER LAB	23	42	2
16NR5A0327	RT32031	OPERATIONS RESEARCH	24	24	3
16NR5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
16NR5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	28	59	3
16NR5A0327	RT32034	ROBOTICS	27	40	3
16NR5A0327	RT32035	HEAT TRANSFER	24	24	3
16NR5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
16NR5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	23	33	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0327	RT32038	HEAT TRANSFER LAB	23	47	2
16NR5A0328	RT32031	OPERATIONS RESEARCH	26	37	3
16NR5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	48	3
16NR5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	22	42	3
16NR5A0328	RT32034	ROBOTICS	28	36	3
16NR5A0328	RT32035	HEAT TRANSFER	25	29	3
16NR5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	39	3
16NR5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
16NR5A0328	RT32038	HEAT TRANSFER LAB	25	47	2
16NR5A0329	RT32031	OPERATIONS RESEARCH	19	30	3
16NR5A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
16NR5A0329	RT32033	DESIGN OF MACHINE MEMBERS II	22	28	3
16NR5A0329	RT32034	ROBOTICS	24	32	3
16NR5A0329	RT32035	HEAT TRANSFER	26	38	3
16NR5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	57	3
16NR5A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	19	41	3
16NR5A0329	RT32038	HEAT TRANSFER LAB	23	45	2
16NR5A0330	RT32031	OPERATIONS RESEARCH	14	26	3
16NR5A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	10	0
16NR5A0330	RT32033	DESIGN OF MACHINE MEMBERS II	23	26	3
16NR5A0330	RT32034	ROBOTICS	22	24	3
16NR5A0330	RT32035	HEAT TRANSFER	19	11	0
16NR5A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	25	3
16NR5A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	18	11	0
16NR5A0330	RT32038	HEAT TRANSFER LAB	22	42	2
16NR5A0332	RT32031	OPERATIONS RESEARCH	20	7	0
16NR5A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	18	0
16NR5A0332	RT32033	DESIGN OF MACHINE MEMBERS II	22	37	3
16NR5A0332	RT32034	ROBOTICS	23	36	3
16NR5A0332	RT32035	HEAT TRANSFER	24	24	3
16NR5A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	18	0
16NR5A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	25	34	3
16NR5A0332	RT32038	HEAT TRANSFER LAB	23	43	2
16NR5A0333	RT32031	OPERATIONS RESEARCH	21	16	0
16NR5A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	6	0
16NR5A0333	RT32033	DESIGN OF MACHINE MEMBERS II	27	24	3
16NR5A0333	RT32034	ROBOTICS	25	16	0
16NR5A0333	RT32035	HEAT TRANSFER	24	24	3
16NR5A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	38	3
16NR5A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	22	8	0
16NR5A0333	RT32038	HEAT TRANSFER LAB	23	45	2
16NR5A0337	RT32031	OPERATIONS RESEARCH	24	28	3
16NR5A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	40	3
16NR5A0337	RT32033	DESIGN OF MACHINE MEMBERS II	27	29	3
16NR5A0337	RT32034	ROBOTICS	20	32	3
16NR5A0337	RT32035	HEAT TRANSFER	27	13	0
16NR5A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	51	3
16NR5A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
16NR5A0337	RT32038	HEAT TRANSFER LAB	25	48	2
16NR5A0338	RT32031	OPERATIONS RESEARCH	23	38	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	16	0
16NR5A0338	RT32033	DESIGN OF MACHINE MEMBERS II	26	24	3
16NR5A0338	RT32034	ROBOTICS	28	25	3
16NR5A0338	RT32035	HEAT TRANSFER	26	13	0
16NR5A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	29	3
16NR5A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
16NR5A0338	RT32038	HEAT TRANSFER LAB	25	44	2
16NR5A0339	RT32031	OPERATIONS RESEARCH	26	25	3
16NR5A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
16NR5A0339	RT32033	DESIGN OF MACHINE MEMBERS II	28	45	3
16NR5A0339	RT32034	ROBOTICS	27	36	3
16NR5A0339	RT32035	HEAT TRANSFER	25	0	0
16NR5A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	25	3
16NR5A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	24	35	3
16NR5A0339	RT32038	HEAT TRANSFER LAB	22	43	2
16NR5A0340	RT32031	OPERATIONS RESEARCH	25	48	3
16NR5A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	48	3
16NR5A0340	RT32033	DESIGN OF MACHINE MEMBERS II	23	42	3
16NR5A0340	RT32034	ROBOTICS	29	31	3
16NR5A0340	RT32035	HEAT TRANSFER	26	24	3
16NR5A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	41	3
16NR5A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
16NR5A0340	RT32038	HEAT TRANSFER LAB	23	42	2
16NR5A0341	RT32031	OPERATIONS RESEARCH	27	39	3
16NR5A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	43	3
16NR5A0341	RT32033	DESIGN OF MACHINE MEMBERS II	29	53	3
16NR5A0341	RT32034	ROBOTICS	27	32	3
16NR5A0341	RT32035	HEAT TRANSFER	27	39	3
16NR5A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	57	3
16NR5A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
16NR5A0341	RT32038	HEAT TRANSFER LAB	24	40	2
16NR5A0342	RT32031	OPERATIONS RESEARCH	19	24	3
16NR5A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	16	0
16NR5A0342	RT32033	DESIGN OF MACHINE MEMBERS II	24	26	3
16NR5A0342	RT32034	ROBOTICS	24	24	3
16NR5A0342	RT32035	HEAT TRANSFER	23	8	0
16NR5A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	37	3
16NR5A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	20	7	0
16NR5A0342	RT32038	HEAT TRANSFER LAB	22	37	2
16NR5A0343	RT32031	OPERATIONS RESEARCH	17	24	3
16NR5A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	13	0
16NR5A0343	RT32033	DESIGN OF MACHINE MEMBERS II	24	58	3
16NR5A0343	RT32034	ROBOTICS	27	41	3
16NR5A0343	RT32035	HEAT TRANSFER	25	24	3
16NR5A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	34	3
16NR5A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
16NR5A0343	RT32038	HEAT TRANSFER LAB	23	45	2
16NR5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
16NR5A0401	RT32042	DIGITAL SIGNAL PROCESSING	22	10	0
16NR5A0401	RT32043	DIGITAL COMMUNICATIONS	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0401	RT32044	MICROWAVE ENGINEERING	27	20	0
16NR5A0401	RT32045A	BIO MEDICAL ENGINEERING	22	30	3
16NR5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16NR5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	20	37	2
16NR5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	42	2
16NR5A0401	RT32049	SEMINAR	40	0	1
16NR5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	5	0
16NR5A0402	RT32042	DIGITAL SIGNAL PROCESSING	14	2	0
16NR5A0402	RT32043	DIGITAL COMMUNICATIONS	22	29	3
16NR5A0402	RT32044	MICROWAVE ENGINEERING	25	33	3
16NR5A0402	RT32045A	BIO MEDICAL ENGINEERING	18	11	0
16NR5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
16NR5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	17	34	2
16NR5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	37	2
16NR5A0402	RT32049	SEMINAR	35	0	1
16NR5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	3	0
16NR5A0404	RT32042	DIGITAL SIGNAL PROCESSING	17	9	0
16NR5A0404	RT32043	DIGITAL COMMUNICATIONS	20	12	0
16NR5A0404	RT32044	MICROWAVE ENGINEERING	26	31	3
16NR5A0404	RT32045A	BIO MEDICAL ENGINEERING	17	10	0
16NR5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16NR5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
16NR5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	41	2
16NR5A0404	RT32049	SEMINAR	40	0	1
16NR5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	42	3
16NR5A0405	RT32042	DIGITAL SIGNAL PROCESSING	26	25	3
16NR5A0405	RT32043	DIGITAL COMMUNICATIONS	27	24	3
16NR5A0405	RT32044	MICROWAVE ENGINEERING	26	32	3
16NR5A0405	RT32045A	BIO MEDICAL ENGINEERING	24	27	3
16NR5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
16NR5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
16NR5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
16NR5A0405	RT32049	SEMINAR	41	0	1
16NR5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
16NR5A0406	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
16NR5A0406	RT32043	DIGITAL COMMUNICATIONS	15	32	3
16NR5A0406	RT32044	MICROWAVE ENGINEERING	25	24	3
16NR5A0406	RT32045A	BIO MEDICAL ENGINEERING	18	31	3
16NR5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
16NR5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	10	36	2
16NR5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	37	2
16NR5A0406	RT32049	SEMINAR	35	0	1
16NR5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	29	3
16NR5A0407	RT32042	DIGITAL SIGNAL PROCESSING	27	41	3
16NR5A0407	RT32043	DIGITAL COMMUNICATIONS	26	49	3
16NR5A0407	RT32044	MICROWAVE ENGINEERING	27	44	3
16NR5A0407	RT32045A	BIO MEDICAL ENGINEERING	25	12	0
16NR5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
16NR5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
16NR5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
16NR5A0407	RT32049	SEMINAR	44	0	1
16NR5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	19	0
16NR5A0408	RT32042	DIGITAL SIGNAL PROCESSING	13	35	3
16NR5A0408	RT32043	DIGITAL COMMUNICATIONS	23	19	0
16NR5A0408	RT32044	MICROWAVE ENGINEERING	24	24	3
16NR5A0408	RT32045A	BIO MEDICAL ENGINEERING	22	53	3
16NR5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
16NR5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	17	37	2
16NR5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	37	2
16NR5A0408	RT32049	SEMINAR	37	0	1
16NR5A0501	RT32051	SOFTWARE ENGINEERING	17	32	3
16NR5A0501	RT32052	DATA WARE HOUSING AND MINING	21	36	3
16NR5A0501	RT32053	COMPUTER NETWORKS	19	16	0
16NR5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
16NR5A0501	RT32055	WEB TECHNOLOGIES	17	8	0
16NR5A0501	RT32056	IPR AND PATENTS	20	31	2
16NR5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	37	2
16NR5A0501	RT32058	SOFTWARE ENGINEERING LAB	15	46	2
16NR5A0501	RT32059	WEB TECHNOLOGIES LAB	21	42	2
16NR5A0502	RT32051	SOFTWARE ENGINEERING	25	32	3
16NR5A0502	RT32052	DATA WARE HOUSING AND MINING	25	30	3
16NR5A0502	RT32053	COMPUTER NETWORKS	25	32	3
16NR5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
16NR5A0502	RT32055	WEB TECHNOLOGIES	26	43	3
16NR5A0502	RT32056	IPR AND PATENTS	24	36	2
16NR5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
16NR5A0502	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
16NR5A0502	RT32059	WEB TECHNOLOGIES LAB	22	47	2
16NR5A0503	RT32051	SOFTWARE ENGINEERING	26	24	3
16NR5A0503	RT32052	DATA WARE HOUSING AND MINING	23	36	3
16NR5A0503	RT32053	COMPUTER NETWORKS	23	12	0
16NR5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
16NR5A0503	RT32055	WEB TECHNOLOGIES	21	24	3
16NR5A0503	RT32056	IPR AND PATENTS	23	39	2
16NR5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
16NR5A0503	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
16NR5A0503	RT32059	WEB TECHNOLOGIES LAB	21	46	2

\*\*NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 11-06-2018]

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

\*\* Note:\*\*

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

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

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

*N. Mohan Rao*

Date:01-06-2018

Controller of Examinations



