



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VASIREDDY VENKATADRI INST. OF TECHNOLOGY, NUMBURU, GUNTUR:BQ

Htno	Subcode	Subname	Internal	External	Credits
10BQ1A0427	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	32	4
10BQ1A05A6	R32054	UNIX PROGRAMMING	7	0	0
10BQ1A05A6	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	-1	0
11BQ1A0416	R32042	MICROWAVE ENGINEERING	18	21	0
11BQ1A0461	R32041	COMPUTER NETWORKS	17	17	0
11BQ1A0461	R32042	MICROWAVE ENGINEERING	14	6	0
11BQ1A0461	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	13	23	0
11BQ1A0461	R32045	VLSI DESIGN	16	25	0
11BQ1A0558	R32026	MANAGEMENT SCIENCE	14	-1	0
11BQ1A0558	R32052	COMPUTER ARCHITECTURE	14	-1	0
11BQ1A0558	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	-1	0
11BQ1A0558	R32054	UNIX PROGRAMMING	14	-1	0
12BQ1A0130	R32016	TRANSPORTATION ENGINEERING-II	0	-1	0
12BQ1A0204	R32023	UTILIZATION OF ELECTRICAL ENERGY	0	41	4
12BQ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	10	-1	0
12BQ1A0238	R32021	ELECTRICAL MACHINE DESIGN	14	11	0
12BQ1A0238	R32022	POWER SYSTEM ANALYSIS	14	32	4
12BQ1A0238	R32025	POWER SEMICONDUCTOR DRIVES	12	33	4
12BQ1A0264	R32022	POWER SYSTEM ANALYSIS	15	12	0
12BQ1A0264	R32024	MICROPROCESSORS AND MICROCONTROLLER	13	30	4
12BQ1A0264	R32025	POWER SEMICONDUCTOR DRIVES	13	27	4
12BQ1A0273	R32022	POWER SYSTEM ANALYSIS	16	35	4
12BQ1A0273	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	41	4
12BQ1A0273	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	28	4
12BQ1A0273	R32026	MANAGEMENT SCIENCE	24	30	4
12BQ1A0306	R32033	HEAT TRANSFER	11	37	4
12BQ1A0306	R32036	INDUSTRIAL ENGG. & MANAGEMENT	11	29	4
12BQ1A0386	R32031	METROLOGY	15	39	4
12BQ1A0391	R32033	HEAT TRANSFER	15	14	0
12BQ1A0433	R32043	DIGITAL SIGNAL PROCESSING	14	9	0
12BQ1A0433	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	-1	0
12BQ1A0433	R32045	VLSI DESIGN	15	0	0
12BQ1A04A1	R32026	MANAGEMENT SCIENCE	0	26	0
12BQ1A04A1	R32043	DIGITAL SIGNAL PROCESSING	3	9	0
12BQ1A04A1	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	0	34	0
12BQ1A04A1	R32045	VLSI DESIGN	0	-1	0
12BQ1A0528	R32026	MANAGEMENT SCIENCE	13	-1	0
12BQ1A0528	R32051	ADVANCED COMPUTER NETWORKS	14	-1	0
12BQ1A0528	R32052	COMPUTER ARCHITECTURE	15	-1	0
12BQ1A0528	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	13	-1	0
12BQ1A0528	R32054	UNIX PROGRAMMING	7	-1	0
12BQ1A0528	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	-1	0
12BQ1A0544	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	28	4
12BQ1A0558	R32026	MANAGEMENT SCIENCE	7	-1	0

Htno	Subcode	Subname	Internal	External	Credits
12BQ1A0558	R32051	ADVANCED COMPUTER NETWORKS	15	-1	0
12BQ1A0558	R32052	COMPUTER ARCHITECTURE	15	-1	0
12BQ1A0558	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	-1	0
12BQ1A0558	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	-1	0
12BQ1A05B6	R32054	UNIX PROGRAMMING	15	8	0
12BQ5A0106	R32011	GEOTECHNICAL ENGINEERING - I	13	7	0
12BQ5A0106	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	14	11	0
12BQ5A0106	R32015	DESIGN & DRAWING OF CONCRETE STRUCTURES -II	0	12	0
12BQ5A0106	R32016	TRANSPORTATION ENGINEERING-II	14	31	4
13BQ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
13BQ1A0138	RT32015	TRANSPORTATION ENGINEERING II	14	-1	0
13BQ1A0139	RT32012	GEOTECHNICAL ENGINEERING II	16	26	3
13BQ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	9	0
13BQ1A0206	RT32025	MANAGEMENT SCIENCE	20	32	3
13BQ1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	5	0
13BQ1A0226	RT32022	SWITCHGEAR AND PROTECTION	16	0	0
13BQ1A0226	RT32024	POWER SYSTEM ANALYSIS	16	-1	0
13BQ1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	8	0
13BQ1A0242	RT32022	SWITCHGEAR AND PROTECTION	16	0	0
13BQ1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	7	0
13BQ1A0242	RT32024	POWER SYSTEM ANALYSIS	16	5	0
13BQ1A0242	RT32025	MANAGEMENT SCIENCE	22	27	3
13BQ1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	16	10	0
13BQ1A0242	RT32027	POWER ELECTRONICS LAB	17	24	2
13BQ1A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	18	18	2
13BQ1A0258	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	18	0
13BQ1A0258	RT32024	POWER SYSTEM ANALYSIS	7	3	0
13BQ1A0263	RT32024	POWER SYSTEM ANALYSIS	16	18	0
13BQ1A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	11	0
13BQ1A0266	RT32022	SWITCHGEAR AND PROTECTION	4	38	3
13BQ1A0266	RT32024	POWER SYSTEM ANALYSIS	16	-1	0
13BQ1A0298	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	25	3
13BQ1A0298	RT32024	POWER SYSTEM ANALYSIS	16	17	0
13BQ1A02A0	RT32021	MICROPROCESSORS & MICROCONTROLLERS	13	-1	0
13BQ1A02A0	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	-1	0
13BQ1A02A0	RT32024	POWER SYSTEM ANALYSIS	16	-1	0
13BQ1A02A1	RT32024	POWER SYSTEM ANALYSIS	16	20	0
13BQ1A02A6	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	8	0
13BQ1A02A6	RT32024	POWER SYSTEM ANALYSIS	17	7	0
13BQ1A02A6	RT32026	POWER SEMICONDUCTOR DRIVES	12	8	0
13BQ1A02A9	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	19	0
13BQ1A02A9	RT32024	POWER SYSTEM ANALYSIS	19	3	0
13BQ1A02A9	RT32026	POWER SEMICONDUCTOR DRIVES	16	5	0
13BQ1A02B5	RT32024	POWER SYSTEM ANALYSIS	17	6	0
13BQ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	20	16	0
13BQ1A0318	RT32035	HEAT TRANSFER	16	14	0
13BQ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	16	0
13BQ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	23	8	0
13BQ1A0321	RT32035	HEAT TRANSFER	9	35	3
13BQ1A0355	RT32035	HEAT TRANSFER	17	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13BQ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
13BQ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	5	0
13BQ1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	20	2	0
13BQ1A0357	RT32035	HEAT TRANSFER	18	6	0
13BQ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	21	6	0
13BQ1A0360	RT32035	HEAT TRANSFER	17	12	0
13BQ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	21	7	0
13BQ1A0388	RT32032	INTERACTIVE COMPUTER GRAPHICS	9	19	0
13BQ1A03A6	RT32035	HEAT TRANSFER	10	11	0
13BQ1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	18	-1	0
13BQ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	5	0
13BQ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	17	12	0
13BQ1A0422	RT32043	DIGITAL COMMUNICATIONS	15	12	0
13BQ1A0461	RT32043	DIGITAL COMMUNICATIONS	16	30	3
13BQ1A0461	RT32044	MICROWAVE ENGINEERING	17	0	0
13BQ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
13BQ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	16	3	0
13BQ1A0473	RT32044	MICROWAVE ENGINEERING	20	-1	0
13BQ1A0473	RT32045A	BIO MEDICAL ENGINEERING	17	0	0
13BQ1A0488	RT32042	DIGITAL SIGNAL PROCESSING	21	-1	0
13BQ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	21	12	0
13BQ1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	23	28	3
13BQ1A04B8	RT32043	DIGITAL COMMUNICATIONS	21	29	3
13BQ1A04B8	RT32044	MICROWAVE ENGINEERING	18	29	3
13BQ1A04E6	RT32042	DIGITAL SIGNAL PROCESSING	22	13	0
13BQ1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	35	3
13BQ1A0563	RT32052	DATA WARE HOUSING AND MINING	21	5	0
13BQ1A05B6	RT32052	DATA WARE HOUSING AND MINING	17	-1	0
13BQ1A05B6	RT32055	WEB TECHNOLOGIES	15	14	0
13BQ1A05C5	RT32053	COMPUTER NETWORKS	17	21	0
13BQ1A05C5	RT32055	WEB TECHNOLOGIES	15	16	0
13BQ1A05D7	RT32055	WEB TECHNOLOGIES	13	36	3
13BQ1A1212	RT32052	DATA WARE HOUSING AND MINING	12	35	3
13BQ1A1212	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
13BQ1A1232	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	27	3
13BQ1A1232	RT32055	WEB TECHNOLOGIES	20	26	3
13BQ5A0218	R32022	POWER SYSTEM ANALYSIS	14	17	0
13BQ5A0218	R32025	POWER SEMICONDUCTOR DRIVES	14	-1	0
13BQ5A0315	R32033	HEAT TRANSFER	0	-1	0
13BQ5A0315	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	45	4
13BQ5A0315	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	29	4
14BQ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	17	58	3
14BQ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	16	34	3
14BQ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	14	0
14BQ1A0114	RT32014	WATER RESOURCES ENGINEERING I	17	33	3
14BQ1A0114	RT32015	TRANSPORTATION ENGINEERING II	15	39	3
14BQ1A0114	RT32016E	FINITE ELEMENT METHOD	16	30	3
14BQ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	45	2
14BQ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	14	30	2
14BQ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A0118	RT32014	WATER RESOURCES ENGINEERING I	19	36	3
14BQ1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
14BQ1A0141	RT32016E	FINITE ELEMENT METHOD	16	29	3
14BQ1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	19	0
14BQ1A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	14	0
14BQ1A0157	RT32016E	FINITE ELEMENT METHOD	15	6	0
14BQ1A0159	RT32011	ENVIRONMENTAL ENGINEERING I	18	29	3
14BQ1A0159	RT32012	GEOTECHNICAL ENGINEERING II	19	33	3
14BQ1A0159	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	4	0
14BQ1A0159	RT32014	WATER RESOURCES ENGINEERING I	17	33	3
14BQ1A0159	RT32015	TRANSPORTATION ENGINEERING II	17	67	3
14BQ1A0159	RT32016E	FINITE ELEMENT METHOD	16	25	3
14BQ1A0159	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	40	2
14BQ1A0159	RT32018	TRANSPORTATION ENGINEERING LAB	15	28	2
14BQ1A0161	RT32012	GEOTECHNICAL ENGINEERING II	16	31	3
14BQ1A0171	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	40	3
14BQ1A0171	RT32016E	FINITE ELEMENT METHOD	5	0	0
14BQ1A0178	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	26	3
14BQ1A0186	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	15	0
14BQ1A01A1	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	28	3
14BQ1A01A1	RT32016E	FINITE ELEMENT METHOD	16	24	3
14BQ1A01A4	RT32011	ENVIRONMENTAL ENGINEERING I	17	30	3
14BQ1A01B0	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	30	3
14BQ1A01B0	RT32016E	FINITE ELEMENT METHOD	16	36	3
14BQ1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	29	3
14BQ1A0214	RT32024	POWER SYSTEM ANALYSIS	16	0	0
14BQ1A0214	RT32025	MANAGEMENT SCIENCE	22	5	0
14BQ1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	18	15	0
14BQ1A0232	RT32024	POWER SYSTEM ANALYSIS	19	-1	0
14BQ1A0234	RT32022	SWITCHGEAR AND PROTECTION	18	0	0
14BQ1A0234	RT32024	POWER SYSTEM ANALYSIS	17	0	0
14BQ1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	20	0	0
14BQ1A0236	RT32024	POWER SYSTEM ANALYSIS	11	20	0
14BQ1A0238	RT32024	POWER SYSTEM ANALYSIS	11	13	0
14BQ1A0244	RT32026	POWER SEMICONDUCTOR DRIVES	18	31	3
14BQ1A0250	RT32022	SWITCHGEAR AND PROTECTION	16	4	0
14BQ1A0250	RT32024	POWER SYSTEM ANALYSIS	18	3	0
14BQ1A0250	RT32026	POWER SEMICONDUCTOR DRIVES	17	0	0
14BQ1A0254	RT32026	POWER SEMICONDUCTOR DRIVES	20	31	3
14BQ1A0260	RT32024	POWER SYSTEM ANALYSIS	18	8	0
14BQ1A0278	RT32026	POWER SEMICONDUCTOR DRIVES	22	22	0
14BQ1A0285	RT32025	MANAGEMENT SCIENCE	5	0	0
14BQ1A0285	RT32026	POWER SEMICONDUCTOR DRIVES	5	-1	0
14BQ1A0295	RT32026	POWER SEMICONDUCTOR DRIVES	21	12	0
14BQ1A02A0	RT32024	POWER SYSTEM ANALYSIS	20	16	0
14BQ1A02B2	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	10	0
14BQ1A02B7	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	0	0
14BQ1A02B7	RT32022	SWITCHGEAR AND PROTECTION	16	18	0
14BQ1A02B7	RT32024	POWER SYSTEM ANALYSIS	17	12	0
14BQ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	21	33	3

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A0313	RT32031	OPERATIONS RESEARCH	14	5	0
14BQ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	8	0
14BQ1A0313	RT32034	ROBOTICS	13	30	3
14BQ1A0313	RT32035	HEAT TRANSFER	16	7	0
14BQ1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	3	0
14BQ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14BQ1A0314	RT32034	ROBOTICS	18	16	0
14BQ1A0315	RT32034	ROBOTICS	6	30	0
14BQ1A0315	RT32035	HEAT TRANSFER	5	22	0
14BQ1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	42	3
14BQ1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	5	35	3
14BQ1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	15	24	0
14BQ1A0317	RT32034	ROBOTICS	16	21	0
14BQ1A0317	RT32035	HEAT TRANSFER	17	0	0
14BQ1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	17	16	0
14BQ1A0319	RT32035	HEAT TRANSFER	16	0	0
14BQ1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
14BQ1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	6	37	3
14BQ1A0323	RT32035	HEAT TRANSFER	16	7	0
14BQ1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	10	0
14BQ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
14BQ1A0324	RT32031	OPERATIONS RESEARCH	18	11	0
14BQ1A0324	RT32035	HEAT TRANSFER	16	7	0
14BQ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	16	4	0
14BQ1A0326	RT32034	ROBOTICS	19	40	3
14BQ1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	20	2	0
14BQ1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	30	3
14BQ1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	17	41	3
14BQ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	11	0
14BQ1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	17	18	0
14BQ1A0343	RT32031	OPERATIONS RESEARCH	26	14	0
14BQ1A0345	RT32031	OPERATIONS RESEARCH	21	12	0
14BQ1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	17	19	0
14BQ1A0345	RT32035	HEAT TRANSFER	16	5	0
14BQ1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	8	12	0
14BQ1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	18	14	0
14BQ1A0355	RT32031	OPERATIONS RESEARCH	23	39	3
14BQ1A0356	RT32034	ROBOTICS	19	27	3
14BQ1A0358	RT32031	OPERATIONS RESEARCH	18	11	0
14BQ1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	8	0	0
14BQ1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	14	36	3
14BQ1A0358	RT32034	ROBOTICS	12	19	0
14BQ1A0358	RT32035	HEAT TRANSFER	16	0	0
14BQ1A0388	RT32033	DESIGN OF MACHINE MEMBERS II	19	41	3
14BQ1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	16	16	0
14BQ1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
14BQ1A0392	RT32035	HEAT TRANSFER	16	8	0
14BQ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
14BQ1A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	23	39	3
14BQ1A03B1	RT32031	OPERATIONS RESEARCH	16	19	0

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	0	0
14BQ1A03B1	RT32035	HEAT TRANSFER	18	6	0
14BQ1A03B3	RT32035	HEAT TRANSFER	16	12	0
14BQ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
14BQ1A0434	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
14BQ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	4	0
14BQ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	17	28	3
14BQ1A0463	RT32043	DIGITAL COMMUNICATIONS	17	28	3
14BQ1A0463	RT32044	MICROWAVE ENGINEERING	11	17	0
14BQ1A0463	RT32045A	BIO MEDICAL ENGINEERING	13	35	3
14BQ1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	9	0
14BQ1A0474	RT32042	DIGITAL SIGNAL PROCESSING	16	18	0
14BQ1A0474	RT32043	DIGITAL COMMUNICATIONS	16	0	0
14BQ1A0474	RT32044	MICROWAVE ENGINEERING	19	0	0
14BQ1A0474	RT32045A	BIO MEDICAL ENGINEERING	16	29	3
14BQ1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	25	3
14BQ1A0484	RT32042	DIGITAL SIGNAL PROCESSING	17	20	0
14BQ1A0484	RT32045A	BIO MEDICAL ENGINEERING	19	19	0
14BQ1A0492	RT32042	DIGITAL SIGNAL PROCESSING	16	8	0
14BQ1A0492	RT32043	DIGITAL COMMUNICATIONS	18	12	0
14BQ1A0492	RT32044	MICROWAVE ENGINEERING	13	28	3
14BQ1A0494	RT32045A	BIO MEDICAL ENGINEERING	19	35	3
14BQ1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	27	3
14BQ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	17	11	0
14BQ1A0495	RT32043	DIGITAL COMMUNICATIONS	23	34	3
14BQ1A0495	RT32044	MICROWAVE ENGINEERING	24	5	0
14BQ1A0495	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
14BQ1A0497	RT32042	DIGITAL SIGNAL PROCESSING	16	18	0
14BQ1A0497	RT32044	MICROWAVE ENGINEERING	23	37	3
14BQ1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	16	8	0
14BQ1A04A0	RT32044	MICROWAVE ENGINEERING	14	0	0
14BQ1A04A0	RT32045A	BIO MEDICAL ENGINEERING	13	9	0
14BQ1A04A9	RT32043	DIGITAL COMMUNICATIONS	18	28	3
14BQ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	3	0
14BQ1A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	18	0
14BQ1A04C9	RT32042	DIGITAL SIGNAL PROCESSING	17	26	3
14BQ1A04C9	RT32043	DIGITAL COMMUNICATIONS	11	14	0
14BQ1A04C9	RT32044	MICROWAVE ENGINEERING	11	34	3
14BQ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	17	5	0
14BQ1A04D2	RT32043	DIGITAL COMMUNICATIONS	24	7	0
14BQ1A04D2	RT32044	MICROWAVE ENGINEERING	18	19	0
14BQ1A04D2	RT32045A	BIO MEDICAL ENGINEERING	19	-1	0
14BQ1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	2	0
14BQ1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	16	13	0
14BQ1A04D3	RT32044	MICROWAVE ENGINEERING	21	31	3
14BQ1A04E1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	-1	0
14BQ1A04E1	RT32042	DIGITAL SIGNAL PROCESSING	16	17	0
14BQ1A04E1	RT32043	DIGITAL COMMUNICATIONS	21	33	3
14BQ1A04E5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	10	0
14BQ1A04G6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	15	0

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A04G6	RT32043	DIGITAL COMMUNICATIONS	17	28	3
14BQ1A04G6	RT32044	MICROWAVE ENGINEERING	19	0	0
14BQ1A04G6	RT32045A	BIO MEDICAL ENGINEERING	16	38	3
14BQ1A04G7	RT32042	DIGITAL SIGNAL PROCESSING	22	7	0
14BQ1A04G8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	5	4	0
14BQ1A04G8	RT32042	DIGITAL SIGNAL PROCESSING	9	3	0
14BQ1A04G8	RT32043	DIGITAL COMMUNICATIONS	9	18	0
14BQ1A04G8	RT32044	MICROWAVE ENGINEERING	10	30	3
14BQ1A04G8	RT32045A	BIO MEDICAL ENGINEERING	8	39	3
14BQ1A04H0	RT32042	DIGITAL SIGNAL PROCESSING	18	30	3
14BQ1A04H3	RT32042	DIGITAL SIGNAL PROCESSING	24	16	0
14BQ1A04I0	RT32044	MICROWAVE ENGINEERING	25	25	3
14BQ1A0503	RT32052	DATA WARE HOUSING AND MINING	16	10	0
14BQ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	16	0
14BQ1A0510	RT32052	DATA WARE HOUSING AND MINING	25	44	3
14BQ1A0513	RT32055	WEB TECHNOLOGIES	20	31	3
14BQ1A0514	RT32051	SOFTWARE ENGINEERING	18	18	0
14BQ1A0514	RT32052	DATA WARE HOUSING AND MINING	16	8	0
14BQ1A0556	RT32051	SOFTWARE ENGINEERING	17	-1	0
14BQ1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	27	3
14BQ1A0556	RT32055	WEB TECHNOLOGIES	16	12	0
14BQ1A0563	RT32053	COMPUTER NETWORKS	25	28	3
14BQ1A0563	RT32055	WEB TECHNOLOGIES	23	13	0
14BQ1A0577	RT32052	DATA WARE HOUSING AND MINING	19	24	3
14BQ1A0577	RT32053	COMPUTER NETWORKS	16	0	0
14BQ1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
14BQ1A0577	RT32055	WEB TECHNOLOGIES	17	4	0
14BQ1A0577	RT32056	IPR AND PATENTS	16	0	0
14BQ1A0579	RT32052	DATA WARE HOUSING AND MINING	21	9	0
14BQ1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
14BQ1A0579	RT32055	WEB TECHNOLOGIES	22	7	0
14BQ1A0589	RT32051	SOFTWARE ENGINEERING	22	5	0
14BQ1A0589	RT32053	COMPUTER NETWORKS	16	32	3
14BQ1A0594	RT32051	SOFTWARE ENGINEERING	17	0	0
14BQ1A0594	RT32052	DATA WARE HOUSING AND MINING	20	9	0
14BQ1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	-1	0
14BQ1A05A0	RT32051	SOFTWARE ENGINEERING	21	0	0
14BQ1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	8	0	0
14BQ1A05A0	RT32055	WEB TECHNOLOGIES	16	-1	0
14BQ1A05A9	RT32052	DATA WARE HOUSING AND MINING	18	16	0
14BQ1A05B7	RT32053	COMPUTER NETWORKS	17	30	3
14BQ1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
14BQ1A05B7	RT32055	WEB TECHNOLOGIES	18	0	0
14BQ1A05B9	RT32055	WEB TECHNOLOGIES	18	15	0
14BQ1A05D0	RT32053	COMPUTER NETWORKS	18	29	3
14BQ1A05D0	RT32055	WEB TECHNOLOGIES	19	7	0
14BQ1A05D2	RT32051	SOFTWARE ENGINEERING	25	-1	0
14BQ1A05F3	RT32052	DATA WARE HOUSING AND MINING	25	27	3
14BQ1A05F8	RT32053	COMPUTER NETWORKS	16	4	0
14BQ1A05F8	RT32055	WEB TECHNOLOGIES	22	8	0

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A05G2	RT32051	SOFTWARE ENGINEERING	17	27	3
14BQ1A05G2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
14BQ1A05G2	RT32055	WEB TECHNOLOGIES	25	13	0
14BQ1A05H0	RT32053	COMPUTER NETWORKS	18	24	3
14BQ1A05H0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	19	0
14BQ1A05H0	RT32055	WEB TECHNOLOGIES	24	29	3
14BQ1A05M7	RT32051	SOFTWARE ENGINEERING	21	29	3
14BQ1A05M7	RT32052	DATA WARE HOUSING AND MINING	17	0	0
14BQ1A05M7	RT32053	COMPUTER NETWORKS	20	24	3
14BQ1A05M7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	2	0
14BQ1A05M7	RT32055	WEB TECHNOLOGIES	19	2	0
14BQ1A05M8	RT32052	DATA WARE HOUSING AND MINING	17	47	3
14BQ1A05M8	RT32053	COMPUTER NETWORKS	18	32	3
14BQ1A05M8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	25	3
14BQ1A05M8	RT32055	WEB TECHNOLOGIES	16	12	0
14BQ1A05N1	RT32051	SOFTWARE ENGINEERING	16	17	0
14BQ1A05N2	RT32055	WEB TECHNOLOGIES	21	21	0
14BQ1A05N6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
14BQ1A05N6	RT32055	WEB TECHNOLOGIES	19	0	0
14BQ1A1202	RT32052	DATA WARE HOUSING AND MINING	23	5	0
14BQ1A1214	RT32052	DATA WARE HOUSING AND MINING	27	7	0
14BQ1A1215	RT32055	WEB TECHNOLOGIES	23	28	3
14BQ1A1221	RT32052	DATA WARE HOUSING AND MINING	18	26	3
14BQ1A1229	RT32053	COMPUTER NETWORKS	21	15	0
14BQ1A1241	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	7	0
14BQ1A1249	RT32053	COMPUTER NETWORKS	16	28	3
14BQ1A1249	RT32055	WEB TECHNOLOGIES	17	15	0
14BQ1A1260	RT32052	DATA WARE HOUSING AND MINING	20	26	3
14BQ1A1260	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	4	0
14BQ1A1260	RT32055	WEB TECHNOLOGIES	18	0	0
14BQ5A0108	RT32012	GEOTECHNICAL ENGINEERING II	13	45	3
14BQ5A0211	RT32025	MANAGEMENT SCIENCE	4	-1	0
14BQ5A0313	RT32035	HEAT TRANSFER	19	34	3
14BQ5A0316	RT32031	OPERATIONS RESEARCH	17	21	0
14BQ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15BQ1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	27	3
15BQ1A0101	RT32012	GEOTECHNICAL ENGINEERING II	21	49	3
15BQ1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	33	3
15BQ1A0101	RT32014	WATER RESOURCES ENGINEERING I	18	49	3
15BQ1A0101	RT32015	TRANSPORTATION ENGINEERING II	19	53	3
15BQ1A0101	RT32016E	FINITE ELEMENT METHOD	20	39	3
15BQ1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	60	2
15BQ1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
15BQ1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	26	33	3
15BQ1A0103	RT32012	GEOTECHNICAL ENGINEERING II	24	30	3
15BQ1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	47	3
15BQ1A0103	RT32014	WATER RESOURCES ENGINEERING I	22	41	3
15BQ1A0103	RT32015	TRANSPORTATION ENGINEERING II	20	52	3
15BQ1A0103	RT32016E	FINITE ELEMENT METHOD	22	48	3
15BQ1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	60	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	19	43	2
15BQ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	17	33	3
15BQ1A0104	RT32012	GEOTECHNICAL ENGINEERING II	19	28	3
15BQ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	7	0
15BQ1A0104	RT32014	WATER RESOURCES ENGINEERING I	17	9	0
15BQ1A0104	RT32015	TRANSPORTATION ENGINEERING II	16	11	0
15BQ1A0104	RT32016E	FINITE ELEMENT METHOD	13	30	3
15BQ1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	42	2
15BQ1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	16	30	2
15BQ1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	22	38	3
15BQ1A0105	RT32012	GEOTECHNICAL ENGINEERING II	27	56	3
15BQ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	45	3
15BQ1A0105	RT32014	WATER RESOURCES ENGINEERING I	16	52	3
15BQ1A0105	RT32015	TRANSPORTATION ENGINEERING II	23	65	3
15BQ1A0105	RT32016E	FINITE ELEMENT METHOD	23	55	3
15BQ1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BQ1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	18	42	2
15BQ1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	16	34	3
15BQ1A0106	RT32012	GEOTECHNICAL ENGINEERING II	21	37	3
15BQ1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	27	3
15BQ1A0106	RT32014	WATER RESOURCES ENGINEERING I	17	33	3
15BQ1A0106	RT32015	TRANSPORTATION ENGINEERING II	19	49	3
15BQ1A0106	RT32016E	FINITE ELEMENT METHOD	17	33	3
15BQ1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	48	2
15BQ1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BQ1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	26	33	3
15BQ1A0107	RT32012	GEOTECHNICAL ENGINEERING II	27	44	3
15BQ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	53	3
15BQ1A0107	RT32014	WATER RESOURCES ENGINEERING I	18	59	3
15BQ1A0107	RT32015	TRANSPORTATION ENGINEERING II	29	53	3
15BQ1A0107	RT32016E	FINITE ELEMENT METHOD	25	48	3
15BQ1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BQ1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
15BQ1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	25	65	3
15BQ1A0108	RT32012	GEOTECHNICAL ENGINEERING II	28	51	3
15BQ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	14	0
15BQ1A0108	RT32014	WATER RESOURCES ENGINEERING I	22	61	3
15BQ1A0108	RT32015	TRANSPORTATION ENGINEERING II	23	46	3
15BQ1A0108	RT32016E	FINITE ELEMENT METHOD	23	48	3
15BQ1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BQ1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BQ1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	26	35	3
15BQ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	25	56	3
15BQ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	62	3
15BQ1A0109	RT32014	WATER RESOURCES ENGINEERING I	23	49	3
15BQ1A0109	RT32015	TRANSPORTATION ENGINEERING II	26	69	3
15BQ1A0109	RT32016E	FINITE ELEMENT METHOD	23	41	3
15BQ1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	69	2
15BQ1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BQ1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	16	8	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	18	16	0
15BQ1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	26	0
15BQ1A0110	RT32014	WATER RESOURCES ENGINEERING I	16	11	0
15BQ1A0110	RT32015	TRANSPORTATION ENGINEERING II	16	23	0
15BQ1A0110	RT32016E	FINITE ELEMENT METHOD	11	13	0
15BQ1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	15	41	2
15BQ1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	12	18	2
15BQ1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	26	37	3
15BQ1A0111	RT32012	GEOTECHNICAL ENGINEERING II	26	27	3
15BQ1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	51	3
15BQ1A0111	RT32014	WATER RESOURCES ENGINEERING I	19	36	3
15BQ1A0111	RT32015	TRANSPORTATION ENGINEERING II	26	54	3
15BQ1A0111	RT32016E	FINITE ELEMENT METHOD	22	53	3
15BQ1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
15BQ1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
15BQ1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	20	65	3
15BQ1A0113	RT32012	GEOTECHNICAL ENGINEERING II	28	34	3
15BQ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	28	3
15BQ1A0113	RT32014	WATER RESOURCES ENGINEERING I	24	70	3
15BQ1A0113	RT32015	TRANSPORTATION ENGINEERING II	27	46	3
15BQ1A0113	RT32016E	FINITE ELEMENT METHOD	17	42	3
15BQ1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BQ1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15BQ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	19	27	3
15BQ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	25	50	3
15BQ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	30	3
15BQ1A0114	RT32014	WATER RESOURCES ENGINEERING I	16	49	3
15BQ1A0114	RT32015	TRANSPORTATION ENGINEERING II	18	63	3
15BQ1A0114	RT32016E	FINITE ELEMENT METHOD	18	29	3
15BQ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	58	2
15BQ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	19	41	2
15BQ1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	16	26	3
15BQ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	21	25	3
15BQ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
15BQ1A0115	RT32014	WATER RESOURCES ENGINEERING I	17	11	0
15BQ1A0115	RT32015	TRANSPORTATION ENGINEERING II	17	29	3
15BQ1A0115	RT32016E	FINITE ELEMENT METHOD	16	24	3
15BQ1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	49	2
15BQ1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	17	32	2
15BQ1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	24	34	3
15BQ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	26	33	3
15BQ1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	34	3
15BQ1A0116	RT32014	WATER RESOURCES ENGINEERING I	27	47	3
15BQ1A0116	RT32015	TRANSPORTATION ENGINEERING II	25	53	3
15BQ1A0116	RT32016E	FINITE ELEMENT METHOD	22	42	3
15BQ1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
15BQ1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	17	32	3
15BQ1A0117	RT32012	GEOTECHNICAL ENGINEERING II	23	32	3
15BQ1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	11	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0117	RT32014	WATER RESOURCES ENGINEERING I	15	0	0
15BQ1A0117	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
15BQ1A0117	RT32016E	FINITE ELEMENT METHOD	18	28	3
15BQ1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	44	2
15BQ1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	25	44	3
15BQ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	23	61	3
15BQ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	56	3
15BQ1A0118	RT32014	WATER RESOURCES ENGINEERING I	14	51	3
15BQ1A0118	RT32015	TRANSPORTATION ENGINEERING II	22	68	3
15BQ1A0118	RT32016E	FINITE ELEMENT METHOD	19	42	3
15BQ1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	46	2
15BQ1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	16	9	0
15BQ1A0119	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
15BQ1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
15BQ1A0119	RT32014	WATER RESOURCES ENGINEERING I	19	0	0
15BQ1A0119	RT32015	TRANSPORTATION ENGINEERING II	18	27	3
15BQ1A0119	RT32016E	FINITE ELEMENT METHOD	16	12	0
15BQ1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	55	2
15BQ1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	17	36	2
15BQ1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	19	29	3
15BQ1A0120	RT32012	GEOTECHNICAL ENGINEERING II	23	30	3
15BQ1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	40	3
15BQ1A0120	RT32014	WATER RESOURCES ENGINEERING I	17	45	3
15BQ1A0120	RT32015	TRANSPORTATION ENGINEERING II	19	49	3
15BQ1A0120	RT32016E	FINITE ELEMENT METHOD	19	32	3
15BQ1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	58	2
15BQ1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	18	42	2
15BQ1A0121	RT32011	ENVIRONMENTAL ENGINEERING I	23	69	3
15BQ1A0121	RT32012	GEOTECHNICAL ENGINEERING II	24	54	3
15BQ1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	28	3
15BQ1A0121	RT32014	WATER RESOURCES ENGINEERING I	16	62	3
15BQ1A0121	RT32015	TRANSPORTATION ENGINEERING II	20	43	3
15BQ1A0121	RT32016E	FINITE ELEMENT METHOD	24	44	3
15BQ1A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
15BQ1A0121	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0122	RT32011	ENVIRONMENTAL ENGINEERING I	25	45	3
15BQ1A0122	RT32012	GEOTECHNICAL ENGINEERING II	25	54	3
15BQ1A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	54	3
15BQ1A0122	RT32014	WATER RESOURCES ENGINEERING I	28	53	3
15BQ1A0122	RT32015	TRANSPORTATION ENGINEERING II	21	67	3
15BQ1A0122	RT32016E	FINITE ELEMENT METHOD	22	43	3
15BQ1A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	58	2
15BQ1A0122	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15BQ1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	22	34	3
15BQ1A0123	RT32012	GEOTECHNICAL ENGINEERING II	23	44	3
15BQ1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	28	3
15BQ1A0123	RT32014	WATER RESOURCES ENGINEERING I	25	48	3
15BQ1A0123	RT32015	TRANSPORTATION ENGINEERING II	19	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0123	RT32016E	FINITE ELEMENT METHOD	15	38	3
15BQ1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	61	2
15BQ1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	19	41	2
15BQ1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	23	31	3
15BQ1A0125	RT32012	GEOTECHNICAL ENGINEERING II	25	26	3
15BQ1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	48	3
15BQ1A0125	RT32014	WATER RESOURCES ENGINEERING I	23	43	3
15BQ1A0125	RT32015	TRANSPORTATION ENGINEERING II	25	47	3
15BQ1A0125	RT32016E	FINITE ELEMENT METHOD	24	43	3
15BQ1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
15BQ1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BQ1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	19	70	3
15BQ1A0126	RT32012	GEOTECHNICAL ENGINEERING II	24	32	3
15BQ1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	28	3
15BQ1A0126	RT32014	WATER RESOURCES ENGINEERING I	16	14	0
15BQ1A0126	RT32015	TRANSPORTATION ENGINEERING II	22	46	3
15BQ1A0126	RT32016E	FINITE ELEMENT METHOD	22	33	3
15BQ1A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
15BQ1A0126	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15BQ1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	23	29	3
15BQ1A0128	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
15BQ1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	27	3
15BQ1A0128	RT32014	WATER RESOURCES ENGINEERING I	20	38	3
15BQ1A0128	RT32015	TRANSPORTATION ENGINEERING II	21	40	3
15BQ1A0128	RT32016E	FINITE ELEMENT METHOD	17	33	3
15BQ1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
15BQ1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15BQ1A0129	RT32011	ENVIRONMENTAL ENGINEERING I	23	43	3
15BQ1A0129	RT32012	GEOTECHNICAL ENGINEERING II	27	49	3
15BQ1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	30	3
15BQ1A0129	RT32014	WATER RESOURCES ENGINEERING I	25	52	3
15BQ1A0129	RT32015	TRANSPORTATION ENGINEERING II	26	51	3
15BQ1A0129	RT32016E	FINITE ELEMENT METHOD	23	51	3
15BQ1A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
15BQ1A0129	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
15BQ1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	21	25	3
15BQ1A0130	RT32012	GEOTECHNICAL ENGINEERING II	23	11	0
15BQ1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	30	3
15BQ1A0130	RT32014	WATER RESOURCES ENGINEERING I	20	29	3
15BQ1A0130	RT32015	TRANSPORTATION ENGINEERING II	23	41	3
15BQ1A0130	RT32016E	FINITE ELEMENT METHOD	17	29	3
15BQ1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
15BQ1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	19	42	2
15BQ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	17	48	3
15BQ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	13	39	3
15BQ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
15BQ1A0131	RT32014	WATER RESOURCES ENGINEERING I	17	6	0
15BQ1A0131	RT32015	TRANSPORTATION ENGINEERING II	17	17	0
15BQ1A0131	RT32016E	FINITE ELEMENT METHOD	16	27	3
15BQ1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	42	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	17	37	2
15BQ1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	18	14	0
15BQ1A0132	RT32012	GEOTECHNICAL ENGINEERING II	18	-1	0
15BQ1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	25	3
15BQ1A0132	RT32014	WATER RESOURCES ENGINEERING I	21	18	0
15BQ1A0132	RT32015	TRANSPORTATION ENGINEERING II	20	11	0
15BQ1A0132	RT32016E	FINITE ELEMENT METHOD	21	0	0
15BQ1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	15	0
15BQ1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	22	23	2
15BQ1A0133	RT32011	ENVIRONMENTAL ENGINEERING I	16	26	3
15BQ1A0133	RT32012	GEOTECHNICAL ENGINEERING II	16	15	0
15BQ1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
15BQ1A0133	RT32014	WATER RESOURCES ENGINEERING I	16	7	0
15BQ1A0133	RT32015	TRANSPORTATION ENGINEERING II	16	10	0
15BQ1A0133	RT32016E	FINITE ELEMENT METHOD	18	25	3
15BQ1A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	50	2
15BQ1A0133	RT32018	TRANSPORTATION ENGINEERING LAB	14	30	2
15BQ1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	22	25	3
15BQ1A0134	RT32012	GEOTECHNICAL ENGINEERING II	24	24	3
15BQ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	32	3
15BQ1A0134	RT32014	WATER RESOURCES ENGINEERING I	17	40	3
15BQ1A0134	RT32015	TRANSPORTATION ENGINEERING II	19	30	3
15BQ1A0134	RT32016E	FINITE ELEMENT METHOD	19	31	3
15BQ1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	54	2
15BQ1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BQ1A0135	RT32011	ENVIRONMENTAL ENGINEERING I	24	68	3
15BQ1A0135	RT32012	GEOTECHNICAL ENGINEERING II	27	58	3
15BQ1A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	42	3
15BQ1A0135	RT32014	WATER RESOURCES ENGINEERING I	19	66	3
15BQ1A0135	RT32015	TRANSPORTATION ENGINEERING II	23	52	3
15BQ1A0135	RT32016E	FINITE ELEMENT METHOD	20	43	3
15BQ1A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	63	2
15BQ1A0135	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15BQ1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	16	27	3
15BQ1A0136	RT32012	GEOTECHNICAL ENGINEERING II	20	37	3
15BQ1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	24	3
15BQ1A0136	RT32014	WATER RESOURCES ENGINEERING I	17	29	3
15BQ1A0136	RT32015	TRANSPORTATION ENGINEERING II	17	44	3
15BQ1A0136	RT32016E	FINITE ELEMENT METHOD	16	24	3
15BQ1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	46	2
15BQ1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	17	32	2
15BQ1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	21	33	3
15BQ1A0138	RT32012	GEOTECHNICAL ENGINEERING II	21	40	3
15BQ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
15BQ1A0138	RT32014	WATER RESOURCES ENGINEERING I	18	45	3
15BQ1A0138	RT32015	TRANSPORTATION ENGINEERING II	20	42	3
15BQ1A0138	RT32016E	FINITE ELEMENT METHOD	22	41	3
15BQ1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15BQ1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
15BQ1A0139	RT32011	ENVIRONMENTAL ENGINEERING I	25	25	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0139	RT32012	GEOTECHNICAL ENGINEERING II	24	11	0
15BQ1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	49	3
15BQ1A0139	RT32014	WATER RESOURCES ENGINEERING I	23	15	0
15BQ1A0139	RT32015	TRANSPORTATION ENGINEERING II	23	33	3
15BQ1A0139	RT32016E	FINITE ELEMENT METHOD	17	39	3
15BQ1A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
15BQ1A0139	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	19	63	3
15BQ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	23	30	3
15BQ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	30	3
15BQ1A0140	RT32014	WATER RESOURCES ENGINEERING I	22	35	3
15BQ1A0140	RT32015	TRANSPORTATION ENGINEERING II	20	41	3
15BQ1A0140	RT32016E	FINITE ELEMENT METHOD	18	45	3
15BQ1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	56	2
15BQ1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BQ1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	28	42	3
15BQ1A0141	RT32012	GEOTECHNICAL ENGINEERING II	24	53	3
15BQ1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	37	3
15BQ1A0141	RT32014	WATER RESOURCES ENGINEERING I	25	59	3
15BQ1A0141	RT32015	TRANSPORTATION ENGINEERING II	23	60	3
15BQ1A0141	RT32016E	FINITE ELEMENT METHOD	20	40	3
15BQ1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
15BQ1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15BQ1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	26	36	3
15BQ1A0142	RT32012	GEOTECHNICAL ENGINEERING II	26	49	3
15BQ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	30	3
15BQ1A0142	RT32014	WATER RESOURCES ENGINEERING I	17	45	3
15BQ1A0142	RT32015	TRANSPORTATION ENGINEERING II	20	60	3
15BQ1A0142	RT32016E	FINITE ELEMENT METHOD	22	51	3
15BQ1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BQ1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	24	34	3
15BQ1A0143	RT32012	GEOTECHNICAL ENGINEERING II	27	30	3
15BQ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	67	3
15BQ1A0143	RT32014	WATER RESOURCES ENGINEERING I	26	46	3
15BQ1A0143	RT32015	TRANSPORTATION ENGINEERING II	22	57	3
15BQ1A0143	RT32016E	FINITE ELEMENT METHOD	19	34	3
15BQ1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	47	2
15BQ1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	19	43	2
15BQ1A0144	RT32011	ENVIRONMENTAL ENGINEERING I	20	54	3
15BQ1A0144	RT32012	GEOTECHNICAL ENGINEERING II	24	43	3
15BQ1A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
15BQ1A0144	RT32014	WATER RESOURCES ENGINEERING I	16	11	0
15BQ1A0144	RT32015	TRANSPORTATION ENGINEERING II	18	35	3
15BQ1A0144	RT32016E	FINITE ELEMENT METHOD	16	34	3
15BQ1A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	57	2
15BQ1A0144	RT32018	TRANSPORTATION ENGINEERING LAB	17	38	2
15BQ1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	16	29	3
15BQ1A0145	RT32012	GEOTECHNICAL ENGINEERING II	20	2	0
15BQ1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0145	RT32014	WATER RESOURCES ENGINEERING I	18	0	0
15BQ1A0145	RT32015	TRANSPORTATION ENGINEERING II	18	0	0
15BQ1A0145	RT32016E	FINITE ELEMENT METHOD	15	7	0
15BQ1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	49	2
15BQ1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	12	18	2
15BQ1A0146	RT32011	ENVIRONMENTAL ENGINEERING I	20	33	3
15BQ1A0146	RT32012	GEOTECHNICAL ENGINEERING II	26	34	3
15BQ1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	33	3
15BQ1A0146	RT32014	WATER RESOURCES ENGINEERING I	18	12	0
15BQ1A0146	RT32015	TRANSPORTATION ENGINEERING II	22	35	3
15BQ1A0146	RT32016E	FINITE ELEMENT METHOD	16	27	3
15BQ1A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	57	2
15BQ1A0146	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15BQ1A0147	RT32011	ENVIRONMENTAL ENGINEERING I	8	-1	0
15BQ1A0147	RT32012	GEOTECHNICAL ENGINEERING II	16	-1	0
15BQ1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	-1	0
15BQ1A0147	RT32014	WATER RESOURCES ENGINEERING I	8	-1	0
15BQ1A0147	RT32015	TRANSPORTATION ENGINEERING II	2	-1	0
15BQ1A0147	RT32016E	FINITE ELEMENT METHOD	8	-1	0
15BQ1A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	0	-1	0
15BQ1A0147	RT32018	TRANSPORTATION ENGINEERING LAB	0	-1	0
15BQ1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	17	30	3
15BQ1A0148	RT32012	GEOTECHNICAL ENGINEERING II	18	28	3
15BQ1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	12	0
15BQ1A0148	RT32014	WATER RESOURCES ENGINEERING I	18	14	0
15BQ1A0148	RT32015	TRANSPORTATION ENGINEERING II	16	17	0
15BQ1A0148	RT32016E	FINITE ELEMENT METHOD	16	24	3
15BQ1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	47	2
15BQ1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0149	RT32011	ENVIRONMENTAL ENGINEERING I	20	43	3
15BQ1A0149	RT32012	GEOTECHNICAL ENGINEERING II	27	55	3
15BQ1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	42	3
15BQ1A0149	RT32014	WATER RESOURCES ENGINEERING I	16	49	3
15BQ1A0149	RT32015	TRANSPORTATION ENGINEERING II	21	68	3
15BQ1A0149	RT32016E	FINITE ELEMENT METHOD	22	26	3
15BQ1A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
15BQ1A0149	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	17	29	3
15BQ1A0150	RT32012	GEOTECHNICAL ENGINEERING II	17	35	3
15BQ1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
15BQ1A0150	RT32014	WATER RESOURCES ENGINEERING I	16	24	3
15BQ1A0150	RT32015	TRANSPORTATION ENGINEERING II	16	37	3
15BQ1A0150	RT32016E	FINITE ELEMENT METHOD	16	27	3
15BQ1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	41	2
15BQ1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	16	28	2
15BQ1A0151	RT32011	ENVIRONMENTAL ENGINEERING I	17	31	3
15BQ1A0151	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
15BQ1A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	17	0
15BQ1A0151	RT32014	WATER RESOURCES ENGINEERING I	17	34	3
15BQ1A0151	RT32015	TRANSPORTATION ENGINEERING II	18	26	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0151	RT32016E	FINITE ELEMENT METHOD	17	6	0
15BQ1A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	43	2
15BQ1A0151	RT32018	TRANSPORTATION ENGINEERING LAB	17	40	2
15BQ1A0152	RT32011	ENVIRONMENTAL ENGINEERING I	21	58	3
15BQ1A0152	RT32012	GEOTECHNICAL ENGINEERING II	22	41	3
15BQ1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
15BQ1A0152	RT32014	WATER RESOURCES ENGINEERING I	16	33	3
15BQ1A0152	RT32015	TRANSPORTATION ENGINEERING II	17	37	3
15BQ1A0152	RT32016E	FINITE ELEMENT METHOD	17	24	3
15BQ1A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	57	2
15BQ1A0152	RT32018	TRANSPORTATION ENGINEERING LAB	18	42	2
15BQ1A0153	RT32011	ENVIRONMENTAL ENGINEERING I	21	29	3
15BQ1A0153	RT32012	GEOTECHNICAL ENGINEERING II	26	42	3
15BQ1A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	44	3
15BQ1A0153	RT32014	WATER RESOURCES ENGINEERING I	16	31	3
15BQ1A0153	RT32015	TRANSPORTATION ENGINEERING II	22	52	3
15BQ1A0153	RT32016E	FINITE ELEMENT METHOD	21	26	3
15BQ1A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BQ1A0153	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15BQ1A0154	RT32011	ENVIRONMENTAL ENGINEERING I	25	36	3
15BQ1A0154	RT32012	GEOTECHNICAL ENGINEERING II	28	45	3
15BQ1A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
15BQ1A0154	RT32014	WATER RESOURCES ENGINEERING I	18	44	3
15BQ1A0154	RT32015	TRANSPORTATION ENGINEERING II	26	61	3
15BQ1A0154	RT32016E	FINITE ELEMENT METHOD	23	26	3
15BQ1A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	65	2
15BQ1A0154	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
15BQ1A0155	RT32011	ENVIRONMENTAL ENGINEERING I	17	33	3
15BQ1A0155	RT32012	GEOTECHNICAL ENGINEERING II	27	33	3
15BQ1A0155	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	30	3
15BQ1A0155	RT32014	WATER RESOURCES ENGINEERING I	16	56	3
15BQ1A0155	RT32015	TRANSPORTATION ENGINEERING II	19	35	3
15BQ1A0155	RT32016E	FINITE ELEMENT METHOD	22	24	3
15BQ1A0155	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
15BQ1A0155	RT32018	TRANSPORTATION ENGINEERING LAB	20	44	2
15BQ1A0156	RT32011	ENVIRONMENTAL ENGINEERING I	23	69	3
15BQ1A0156	RT32012	GEOTECHNICAL ENGINEERING II	26	50	3
15BQ1A0156	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	33	3
15BQ1A0156	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
15BQ1A0156	RT32015	TRANSPORTATION ENGINEERING II	21	42	3
15BQ1A0156	RT32016E	FINITE ELEMENT METHOD	25	43	3
15BQ1A0156	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	58	2
15BQ1A0156	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
15BQ1A0157	RT32011	ENVIRONMENTAL ENGINEERING I	25	34	3
15BQ1A0157	RT32012	GEOTECHNICAL ENGINEERING II	25	46	3
15BQ1A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	45	3
15BQ1A0157	RT32014	WATER RESOURCES ENGINEERING I	20	38	3
15BQ1A0157	RT32015	TRANSPORTATION ENGINEERING II	25	51	3
15BQ1A0157	RT32016E	FINITE ELEMENT METHOD	17	41	3
15BQ1A0157	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0157	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BQ1A0158	RT32011	ENVIRONMENTAL ENGINEERING I	22	37	3
15BQ1A0158	RT32012	GEOTECHNICAL ENGINEERING II	24	50	3
15BQ1A0158	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	37	3
15BQ1A0158	RT32014	WATER RESOURCES ENGINEERING I	23	48	3
15BQ1A0158	RT32015	TRANSPORTATION ENGINEERING II	23	54	3
15BQ1A0158	RT32016E	FINITE ELEMENT METHOD	16	32	3
15BQ1A0158	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	54	2
15BQ1A0158	RT32018	TRANSPORTATION ENGINEERING LAB	19	38	2
15BQ1A0159	RT32011	ENVIRONMENTAL ENGINEERING I	23	40	3
15BQ1A0159	RT32012	GEOTECHNICAL ENGINEERING II	24	42	3
15BQ1A0159	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	50	3
15BQ1A0159	RT32014	WATER RESOURCES ENGINEERING I	25	58	3
15BQ1A0159	RT32015	TRANSPORTATION ENGINEERING II	24	60	3
15BQ1A0159	RT32016E	FINITE ELEMENT METHOD	19	30	3
15BQ1A0159	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	63	2
15BQ1A0159	RT32018	TRANSPORTATION ENGINEERING LAB	21	40	2
15BQ1A0160	RT32011	ENVIRONMENTAL ENGINEERING I	25	69	3
15BQ1A0160	RT32012	GEOTECHNICAL ENGINEERING II	26	39	3
15BQ1A0160	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	35	3
15BQ1A0160	RT32014	WATER RESOURCES ENGINEERING I	27	69	3
15BQ1A0160	RT32015	TRANSPORTATION ENGINEERING II	21	43	3
15BQ1A0160	RT32016E	FINITE ELEMENT METHOD	22	43	3
15BQ1A0160	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
15BQ1A0160	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BQ1A0161	RT32011	ENVIRONMENTAL ENGINEERING I	18	42	3
15BQ1A0161	RT32012	GEOTECHNICAL ENGINEERING II	27	52	3
15BQ1A0161	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	32	3
15BQ1A0161	RT32014	WATER RESOURCES ENGINEERING I	19	43	3
15BQ1A0161	RT32015	TRANSPORTATION ENGINEERING II	20	57	3
15BQ1A0161	RT32016E	FINITE ELEMENT METHOD	17	39	3
15BQ1A0161	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	49	2
15BQ1A0161	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15BQ1A0162	RT32011	ENVIRONMENTAL ENGINEERING I	22	40	3
15BQ1A0162	RT32012	GEOTECHNICAL ENGINEERING II	22	38	3
15BQ1A0162	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	26	3
15BQ1A0162	RT32014	WATER RESOURCES ENGINEERING I	17	45	3
15BQ1A0162	RT32015	TRANSPORTATION ENGINEERING II	19	59	3
15BQ1A0162	RT32016E	FINITE ELEMENT METHOD	16	24	3
15BQ1A0162	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	52	2
15BQ1A0162	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BQ1A0163	RT32011	ENVIRONMENTAL ENGINEERING I	20	34	3
15BQ1A0163	RT32012	GEOTECHNICAL ENGINEERING II	25	24	3
15BQ1A0163	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	29	3
15BQ1A0163	RT32014	WATER RESOURCES ENGINEERING I	18	50	3
15BQ1A0163	RT32015	TRANSPORTATION ENGINEERING II	19	54	3
15BQ1A0163	RT32016E	FINITE ELEMENT METHOD	20	7	0
15BQ1A0163	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	58	2
15BQ1A0163	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15BQ1A0164	RT32011	ENVIRONMENTAL ENGINEERING I	25	54	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0164	RT32012	GEOTECHNICAL ENGINEERING II	23	41	3
15BQ1A0164	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	28	3
15BQ1A0164	RT32014	WATER RESOURCES ENGINEERING I	19	25	3
15BQ1A0164	RT32015	TRANSPORTATION ENGINEERING II	20	38	3
15BQ1A0164	RT32016E	FINITE ELEMENT METHOD	23	14	0
15BQ1A0164	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BQ1A0164	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15BQ1A0165	RT32011	ENVIRONMENTAL ENGINEERING I	19	36	3
15BQ1A0165	RT32012	GEOTECHNICAL ENGINEERING II	23	60	3
15BQ1A0165	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	38	3
15BQ1A0165	RT32014	WATER RESOURCES ENGINEERING I	16	45	3
15BQ1A0165	RT32015	TRANSPORTATION ENGINEERING II	20	63	3
15BQ1A0165	RT32016E	FINITE ELEMENT METHOD	19	34	3
15BQ1A0165	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	60	2
15BQ1A0165	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15BQ1A0166	RT32011	ENVIRONMENTAL ENGINEERING I	16	25	3
15BQ1A0166	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
15BQ1A0166	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
15BQ1A0166	RT32014	WATER RESOURCES ENGINEERING I	17	7	0
15BQ1A0166	RT32015	TRANSPORTATION ENGINEERING II	18	41	3
15BQ1A0166	RT32016E	FINITE ELEMENT METHOD	16	4	0
15BQ1A0166	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	45	2
15BQ1A0166	RT32018	TRANSPORTATION ENGINEERING LAB	17	32	2
15BQ1A0167	RT32011	ENVIRONMENTAL ENGINEERING I	16	32	3
15BQ1A0167	RT32012	GEOTECHNICAL ENGINEERING II	24	40	3
15BQ1A0167	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	51	3
15BQ1A0167	RT32014	WATER RESOURCES ENGINEERING I	15	53	3
15BQ1A0167	RT32015	TRANSPORTATION ENGINEERING II	16	44	3
15BQ1A0167	RT32016E	FINITE ELEMENT METHOD	16	34	3
15BQ1A0167	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	46	2
15BQ1A0167	RT32018	TRANSPORTATION ENGINEERING LAB	17	30	2
15BQ1A0168	RT32011	ENVIRONMENTAL ENGINEERING I	22	60	3
15BQ1A0168	RT32012	GEOTECHNICAL ENGINEERING II	24	26	3
15BQ1A0168	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	44	3
15BQ1A0168	RT32014	WATER RESOURCES ENGINEERING I	17	66	3
15BQ1A0168	RT32015	TRANSPORTATION ENGINEERING II	20	48	3
15BQ1A0168	RT32016E	FINITE ELEMENT METHOD	16	40	3
15BQ1A0168	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	54	2
15BQ1A0168	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0169	RT32011	ENVIRONMENTAL ENGINEERING I	22	40	3
15BQ1A0169	RT32012	GEOTECHNICAL ENGINEERING II	24	44	3
15BQ1A0169	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	45	3
15BQ1A0169	RT32014	WATER RESOURCES ENGINEERING I	17	53	3
15BQ1A0169	RT32015	TRANSPORTATION ENGINEERING II	20	40	3
15BQ1A0169	RT32016E	FINITE ELEMENT METHOD	16	39	3
15BQ1A0169	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	55	2
15BQ1A0169	RT32018	TRANSPORTATION ENGINEERING LAB	17	33	2
15BQ1A0170	RT32011	ENVIRONMENTAL ENGINEERING I	23	34	3
15BQ1A0170	RT32012	GEOTECHNICAL ENGINEERING II	23	51	3
15BQ1A0170	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0170	RT32014	WATER RESOURCES ENGINEERING I	25	56	3
15BQ1A0170	RT32015	TRANSPORTATION ENGINEERING II	20	49	3
15BQ1A0170	RT32016E	FINITE ELEMENT METHOD	24	24	3
15BQ1A0170	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	59	2
15BQ1A0170	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15BQ1A0171	RT32011	ENVIRONMENTAL ENGINEERING I	24	43	3
15BQ1A0171	RT32012	GEOTECHNICAL ENGINEERING II	24	37	3
15BQ1A0171	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	52	3
15BQ1A0171	RT32014	WATER RESOURCES ENGINEERING I	21	45	3
15BQ1A0171	RT32015	TRANSPORTATION ENGINEERING II	25	59	3
15BQ1A0171	RT32016E	FINITE ELEMENT METHOD	25	28	3
15BQ1A0171	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	60	2
15BQ1A0171	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
15BQ1A0172	RT32011	ENVIRONMENTAL ENGINEERING I	23	59	3
15BQ1A0172	RT32012	GEOTECHNICAL ENGINEERING II	26	56	3
15BQ1A0172	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	60	3
15BQ1A0172	RT32014	WATER RESOURCES ENGINEERING I	26	65	3
15BQ1A0172	RT32015	TRANSPORTATION ENGINEERING II	25	53	3
15BQ1A0172	RT32016E	FINITE ELEMENT METHOD	26	38	3
15BQ1A0172	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
15BQ1A0172	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
15BQ1A0173	RT32011	ENVIRONMENTAL ENGINEERING I	20	27	3
15BQ1A0173	RT32012	GEOTECHNICAL ENGINEERING II	22	46	3
15BQ1A0173	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	43	3
15BQ1A0173	RT32014	WATER RESOURCES ENGINEERING I	24	39	3
15BQ1A0173	RT32015	TRANSPORTATION ENGINEERING II	22	55	3
15BQ1A0173	RT32016E	FINITE ELEMENT METHOD	20	7	0
15BQ1A0173	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	53	2
15BQ1A0173	RT32018	TRANSPORTATION ENGINEERING LAB	21	48	2
15BQ1A0174	RT32011	ENVIRONMENTAL ENGINEERING I	22	40	3
15BQ1A0174	RT32012	GEOTECHNICAL ENGINEERING II	28	40	3
15BQ1A0174	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	41	3
15BQ1A0174	RT32014	WATER RESOURCES ENGINEERING I	22	70	3
15BQ1A0174	RT32015	TRANSPORTATION ENGINEERING II	25	53	3
15BQ1A0174	RT32016E	FINITE ELEMENT METHOD	19	36	3
15BQ1A0174	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	47	2
15BQ1A0174	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BQ1A0175	RT32011	ENVIRONMENTAL ENGINEERING I	17	25	3
15BQ1A0175	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
15BQ1A0175	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	43	3
15BQ1A0175	RT32014	WATER RESOURCES ENGINEERING I	19	34	3
15BQ1A0175	RT32015	TRANSPORTATION ENGINEERING II	17	39	3
15BQ1A0175	RT32016E	FINITE ELEMENT METHOD	17	27	3
15BQ1A0175	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	50	2
15BQ1A0175	RT32018	TRANSPORTATION ENGINEERING LAB	16	25	2
15BQ1A0176	RT32011	ENVIRONMENTAL ENGINEERING I	18	62	3
15BQ1A0176	RT32012	GEOTECHNICAL ENGINEERING II	20	25	3
15BQ1A0176	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	11	0
15BQ1A0176	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
15BQ1A0176	RT32015	TRANSPORTATION ENGINEERING II	20	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0176	RT32016E	FINITE ELEMENT METHOD	16	14	0
15BQ1A0176	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	51	2
15BQ1A0176	RT32018	TRANSPORTATION ENGINEERING LAB	19	30	2
15BQ1A0177	RT32011	ENVIRONMENTAL ENGINEERING I	21	40	3
15BQ1A0177	RT32012	GEOTECHNICAL ENGINEERING II	21	55	3
15BQ1A0177	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	48	3
15BQ1A0177	RT32014	WATER RESOURCES ENGINEERING I	18	49	3
15BQ1A0177	RT32015	TRANSPORTATION ENGINEERING II	21	49	3
15BQ1A0177	RT32016E	FINITE ELEMENT METHOD	16	32	3
15BQ1A0177	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15BQ1A0177	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BQ1A0178	RT32011	ENVIRONMENTAL ENGINEERING I	20	38	3
15BQ1A0178	RT32012	GEOTECHNICAL ENGINEERING II	26	52	3
15BQ1A0178	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	30	3
15BQ1A0178	RT32014	WATER RESOURCES ENGINEERING I	14	47	3
15BQ1A0178	RT32015	TRANSPORTATION ENGINEERING II	16	64	3
15BQ1A0178	RT32016E	FINITE ELEMENT METHOD	18	30	3
15BQ1A0178	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	57	2
15BQ1A0178	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0179	RT32011	ENVIRONMENTAL ENGINEERING I	18	25	3
15BQ1A0179	RT32012	GEOTECHNICAL ENGINEERING II	25	24	3
15BQ1A0179	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	41	3
15BQ1A0179	RT32014	WATER RESOURCES ENGINEERING I	18	32	3
15BQ1A0179	RT32015	TRANSPORTATION ENGINEERING II	21	42	3
15BQ1A0179	RT32016E	FINITE ELEMENT METHOD	16	12	0
15BQ1A0179	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	53	2
15BQ1A0179	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15BQ1A0180	RT32011	ENVIRONMENTAL ENGINEERING I	18	45	3
15BQ1A0180	RT32012	GEOTECHNICAL ENGINEERING II	18	36	3
15BQ1A0180	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	30	3
15BQ1A0180	RT32014	WATER RESOURCES ENGINEERING I	16	44	3
15BQ1A0180	RT32015	TRANSPORTATION ENGINEERING II	19	37	3
15BQ1A0180	RT32016E	FINITE ELEMENT METHOD	17	24	3
15BQ1A0180	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	45	2
15BQ1A0180	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0181	RT32011	ENVIRONMENTAL ENGINEERING I	16	32	3
15BQ1A0181	RT32012	GEOTECHNICAL ENGINEERING II	16	36	3
15BQ1A0181	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	25	3
15BQ1A0181	RT32014	WATER RESOURCES ENGINEERING I	17	39	3
15BQ1A0181	RT32015	TRANSPORTATION ENGINEERING II	18	41	3
15BQ1A0181	RT32016E	FINITE ELEMENT METHOD	17	11	0
15BQ1A0181	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	41	2
15BQ1A0181	RT32018	TRANSPORTATION ENGINEERING LAB	15	22	2
15BQ1A0182	RT32011	ENVIRONMENTAL ENGINEERING I	21	39	3
15BQ1A0182	RT32012	GEOTECHNICAL ENGINEERING II	25	57	3
15BQ1A0182	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	41	3
15BQ1A0182	RT32014	WATER RESOURCES ENGINEERING I	20	44	3
15BQ1A0182	RT32015	TRANSPORTATION ENGINEERING II	22	56	3
15BQ1A0182	RT32016E	FINITE ELEMENT METHOD	23	37	3
15BQ1A0182	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0182	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
15BQ1A0183	RT32011	ENVIRONMENTAL ENGINEERING I	19	24	3
15BQ1A0183	RT32012	GEOTECHNICAL ENGINEERING II	23	10	0
15BQ1A0183	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
15BQ1A0183	RT32014	WATER RESOURCES ENGINEERING I	19	29	3
15BQ1A0183	RT32015	TRANSPORTATION ENGINEERING II	21	38	3
15BQ1A0183	RT32016E	FINITE ELEMENT METHOD	18	11	0
15BQ1A0183	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	53	2
15BQ1A0183	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BQ1A0184	RT32011	ENVIRONMENTAL ENGINEERING I	18	32	3
15BQ1A0184	RT32012	GEOTECHNICAL ENGINEERING II	18	26	3
15BQ1A0184	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	10	0
15BQ1A0184	RT32014	WATER RESOURCES ENGINEERING I	18	6	0
15BQ1A0184	RT32015	TRANSPORTATION ENGINEERING II	22	28	3
15BQ1A0184	RT32016E	FINITE ELEMENT METHOD	17	32	3
15BQ1A0184	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	42	2
15BQ1A0184	RT32018	TRANSPORTATION ENGINEERING LAB	16	35	2
15BQ1A0185	RT32011	ENVIRONMENTAL ENGINEERING I	27	54	3
15BQ1A0185	RT32012	GEOTECHNICAL ENGINEERING II	25	59	3
15BQ1A0185	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	50	3
15BQ1A0185	RT32014	WATER RESOURCES ENGINEERING I	26	65	3
15BQ1A0185	RT32015	TRANSPORTATION ENGINEERING II	24	70	3
15BQ1A0185	RT32016E	FINITE ELEMENT METHOD	25	62	3
15BQ1A0185	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BQ1A0185	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BQ1A0186	RT32011	ENVIRONMENTAL ENGINEERING I	23	38	3
15BQ1A0186	RT32012	GEOTECHNICAL ENGINEERING II	28	55	3
15BQ1A0186	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	38	3
15BQ1A0186	RT32014	WATER RESOURCES ENGINEERING I	20	35	3
15BQ1A0186	RT32015	TRANSPORTATION ENGINEERING II	23	61	3
15BQ1A0186	RT32016E	FINITE ELEMENT METHOD	19	36	3
15BQ1A0186	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BQ1A0186	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BQ1A0187	RT32011	ENVIRONMENTAL ENGINEERING I	21	33	3
15BQ1A0187	RT32012	GEOTECHNICAL ENGINEERING II	24	36	3
15BQ1A0187	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	40	3
15BQ1A0187	RT32014	WATER RESOURCES ENGINEERING I	15	40	3
15BQ1A0187	RT32015	TRANSPORTATION ENGINEERING II	19	50	3
15BQ1A0187	RT32016E	FINITE ELEMENT METHOD	18	24	3
15BQ1A0187	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	55	2
15BQ1A0187	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BQ1A0188	RT32011	ENVIRONMENTAL ENGINEERING I	16	34	3
15BQ1A0188	RT32012	GEOTECHNICAL ENGINEERING II	18	35	3
15BQ1A0188	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	5	0
15BQ1A0188	RT32014	WATER RESOURCES ENGINEERING I	19	16	0
15BQ1A0188	RT32015	TRANSPORTATION ENGINEERING II	18	16	0
15BQ1A0188	RT32016E	FINITE ELEMENT METHOD	16	32	3
15BQ1A0188	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	41	2
15BQ1A0188	RT32018	TRANSPORTATION ENGINEERING LAB	15	27	2
15BQ1A0189	RT32011	ENVIRONMENTAL ENGINEERING I	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0189	RT32012	GEOTECHNICAL ENGINEERING II	24	56	3
15BQ1A0189	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	54	3
15BQ1A0189	RT32014	WATER RESOURCES ENGINEERING I	19	52	3
15BQ1A0189	RT32015	TRANSPORTATION ENGINEERING II	24	69	3
15BQ1A0189	RT32016E	FINITE ELEMENT METHOD	22	26	3
15BQ1A0189	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BQ1A0189	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
15BQ1A0190	RT32011	ENVIRONMENTAL ENGINEERING I	18	29	3
15BQ1A0190	RT32012	GEOTECHNICAL ENGINEERING II	20	40	3
15BQ1A0190	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
15BQ1A0190	RT32014	WATER RESOURCES ENGINEERING I	19	44	3
15BQ1A0190	RT32015	TRANSPORTATION ENGINEERING II	22	39	3
15BQ1A0190	RT32016E	FINITE ELEMENT METHOD	16	24	3
15BQ1A0190	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	53	2
15BQ1A0190	RT32018	TRANSPORTATION ENGINEERING LAB	18	31	2
15BQ1A0192	RT32011	ENVIRONMENTAL ENGINEERING I	25	35	3
15BQ1A0192	RT32012	GEOTECHNICAL ENGINEERING II	26	40	3
15BQ1A0192	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	58	3
15BQ1A0192	RT32014	WATER RESOURCES ENGINEERING I	22	52	3
15BQ1A0192	RT32015	TRANSPORTATION ENGINEERING II	26	49	3
15BQ1A0192	RT32016E	FINITE ELEMENT METHOD	24	30	3
15BQ1A0192	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
15BQ1A0192	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BQ1A0193	RT32011	ENVIRONMENTAL ENGINEERING I	17	45	3
15BQ1A0193	RT32012	GEOTECHNICAL ENGINEERING II	23	36	3
15BQ1A0193	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
15BQ1A0193	RT32014	WATER RESOURCES ENGINEERING I	14	26	3
15BQ1A0193	RT32015	TRANSPORTATION ENGINEERING II	19	25	3
15BQ1A0193	RT32016E	FINITE ELEMENT METHOD	22	30	3
15BQ1A0193	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	62	2
15BQ1A0193	RT32018	TRANSPORTATION ENGINEERING LAB	18	30	2
15BQ1A0194	RT32011	ENVIRONMENTAL ENGINEERING I	24	37	3
15BQ1A0194	RT32012	GEOTECHNICAL ENGINEERING II	27	56	3
15BQ1A0194	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	45	3
15BQ1A0194	RT32014	WATER RESOURCES ENGINEERING I	21	61	3
15BQ1A0194	RT32015	TRANSPORTATION ENGINEERING II	28	70	3
15BQ1A0194	RT32016E	FINITE ELEMENT METHOD	25	30	3
15BQ1A0194	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
15BQ1A0194	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
15BQ1A0195	RT32011	ENVIRONMENTAL ENGINEERING I	21	27	3
15BQ1A0195	RT32012	GEOTECHNICAL ENGINEERING II	17	7	0
15BQ1A0195	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	40	3
15BQ1A0195	RT32014	WATER RESOURCES ENGINEERING I	19	-1	0
15BQ1A0195	RT32015	TRANSPORTATION ENGINEERING II	19	48	3
15BQ1A0195	RT32016E	FINITE ELEMENT METHOD	16	5	0
15BQ1A0195	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	41	2
15BQ1A0195	RT32018	TRANSPORTATION ENGINEERING LAB	12	18	2
15BQ1A0196	RT32011	ENVIRONMENTAL ENGINEERING I	19	37	3
15BQ1A0196	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
15BQ1A0196	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	70	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0196	RT32014	WATER RESOURCES ENGINEERING I	19	39	3
15BQ1A0196	RT32015	TRANSPORTATION ENGINEERING II	18	43	3
15BQ1A0196	RT32016E	FINITE ELEMENT METHOD	19	30	3
15BQ1A0196	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	53	2
15BQ1A0196	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
15BQ1A0197	RT32011	ENVIRONMENTAL ENGINEERING I	23	65	3
15BQ1A0197	RT32012	GEOTECHNICAL ENGINEERING II	23	38	3
15BQ1A0197	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	28	3
15BQ1A0197	RT32014	WATER RESOURCES ENGINEERING I	22	35	3
15BQ1A0197	RT32015	TRANSPORTATION ENGINEERING II	25	43	3
15BQ1A0197	RT32016E	FINITE ELEMENT METHOD	19	25	3
15BQ1A0197	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
15BQ1A0197	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15BQ1A0198	RT32011	ENVIRONMENTAL ENGINEERING I	19	36	3
15BQ1A0198	RT32012	GEOTECHNICAL ENGINEERING II	21	53	3
15BQ1A0198	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	43	3
15BQ1A0198	RT32014	WATER RESOURCES ENGINEERING I	16	52	3
15BQ1A0198	RT32015	TRANSPORTATION ENGINEERING II	24	53	3
15BQ1A0198	RT32016E	FINITE ELEMENT METHOD	21	28	3
15BQ1A0198	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	54	2
15BQ1A0198	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BQ1A0199	RT32011	ENVIRONMENTAL ENGINEERING I	18	33	3
15BQ1A0199	RT32012	GEOTECHNICAL ENGINEERING II	19	55	3
15BQ1A0199	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
15BQ1A0199	RT32014	WATER RESOURCES ENGINEERING I	19	36	3
15BQ1A0199	RT32015	TRANSPORTATION ENGINEERING II	23	54	3
15BQ1A0199	RT32016E	FINITE ELEMENT METHOD	17	56	3
15BQ1A0199	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	53	2
15BQ1A0199	RT32018	TRANSPORTATION ENGINEERING LAB	19	33	2
15BQ1A01A0	RT32011	ENVIRONMENTAL ENGINEERING I	19	31	3
15BQ1A01A0	RT32012	GEOTECHNICAL ENGINEERING II	20	34	3
15BQ1A01A0	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	36	3
15BQ1A01A0	RT32014	WATER RESOURCES ENGINEERING I	16	37	3
15BQ1A01A0	RT32015	TRANSPORTATION ENGINEERING II	17	30	3
15BQ1A01A0	RT32016E	FINITE ELEMENT METHOD	17	24	3
15BQ1A01A0	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	53	2
15BQ1A01A0	RT32018	TRANSPORTATION ENGINEERING LAB	17	30	2
15BQ1A01A2	RT32011	ENVIRONMENTAL ENGINEERING I	22	70	3
15BQ1A01A2	RT32012	GEOTECHNICAL ENGINEERING II	22	39	3
15BQ1A01A2	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
15BQ1A01A2	RT32014	WATER RESOURCES ENGINEERING I	19	47	3
15BQ1A01A2	RT32015	TRANSPORTATION ENGINEERING II	20	41	3
15BQ1A01A2	RT32016E	FINITE ELEMENT METHOD	17	24	3
15BQ1A01A2	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	50	2
15BQ1A01A2	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BQ1A01A3	RT32011	ENVIRONMENTAL ENGINEERING I	25	45	3
15BQ1A01A3	RT32012	GEOTECHNICAL ENGINEERING II	26	55	3
15BQ1A01A3	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	49	3
15BQ1A01A3	RT32014	WATER RESOURCES ENGINEERING I	19	55	3
15BQ1A01A3	RT32015	TRANSPORTATION ENGINEERING II	24	70	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A01A3	RT32016E	FINITE ELEMENT METHOD	20	44	3
15BQ1A01A3	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	60	2
15BQ1A01A3	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
15BQ1A01A4	RT32011	ENVIRONMENTAL ENGINEERING I	21	31	3
15BQ1A01A4	RT32012	GEOTECHNICAL ENGINEERING II	23	55	3
15BQ1A01A4	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	43	3
15BQ1A01A4	RT32014	WATER RESOURCES ENGINEERING I	21	54	3
15BQ1A01A4	RT32015	TRANSPORTATION ENGINEERING II	24	52	3
15BQ1A01A4	RT32016E	FINITE ELEMENT METHOD	21	37	3
15BQ1A01A4	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
15BQ1A01A4	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
15BQ1A01A5	RT32011	ENVIRONMENTAL ENGINEERING I	24	37	3
15BQ1A01A5	RT32012	GEOTECHNICAL ENGINEERING II	25	24	3
15BQ1A01A5	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	49	3
15BQ1A01A5	RT32014	WATER RESOURCES ENGINEERING I	18	45	3
15BQ1A01A5	RT32015	TRANSPORTATION ENGINEERING II	23	50	3
15BQ1A01A5	RT32016E	FINITE ELEMENT METHOD	23	27	3
15BQ1A01A5	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	58	2
15BQ1A01A5	RT32018	TRANSPORTATION ENGINEERING LAB	21	48	2
15BQ1A01A6	RT32011	ENVIRONMENTAL ENGINEERING I	26	70	3
15BQ1A01A6	RT32012	GEOTECHNICAL ENGINEERING II	23	32	3
15BQ1A01A6	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	28	3
15BQ1A01A6	RT32014	WATER RESOURCES ENGINEERING I	22	52	3
15BQ1A01A6	RT32015	TRANSPORTATION ENGINEERING II	25	43	3
15BQ1A01A6	RT32016E	FINITE ELEMENT METHOD	25	44	3
15BQ1A01A6	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	59	2
15BQ1A01A6	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BQ1A01A7	RT32011	ENVIRONMENTAL ENGINEERING I	22	61	3
15BQ1A01A7	RT32012	GEOTECHNICAL ENGINEERING II	23	69	3
15BQ1A01A7	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	60	3
15BQ1A01A7	RT32014	WATER RESOURCES ENGINEERING I	21	63	3
15BQ1A01A7	RT32015	TRANSPORTATION ENGINEERING II	26	70	3
15BQ1A01A7	RT32016E	FINITE ELEMENT METHOD	21	42	3
15BQ1A01A7	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	60	2
15BQ1A01A7	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
15BQ1A01A8	RT32011	ENVIRONMENTAL ENGINEERING I	19	28	3
15BQ1A01A8	RT32012	GEOTECHNICAL ENGINEERING II	20	6	0
15BQ1A01A8	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
15BQ1A01A8	RT32014	WATER RESOURCES ENGINEERING I	19	8	0
15BQ1A01A8	RT32015	TRANSPORTATION ENGINEERING II	21	31	3
15BQ1A01A8	RT32016E	FINITE ELEMENT METHOD	18	26	3
15BQ1A01A8	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	51	2
15BQ1A01A8	RT32018	TRANSPORTATION ENGINEERING LAB	18	32	2
15BQ1A01B0	RT32011	ENVIRONMENTAL ENGINEERING I	17	25	3
15BQ1A01B0	RT32012	GEOTECHNICAL ENGINEERING II	17	9	0
15BQ1A01B0	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
15BQ1A01B0	RT32014	WATER RESOURCES ENGINEERING I	16	17	0
15BQ1A01B0	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
15BQ1A01B0	RT32016E	FINITE ELEMENT METHOD	16	10	0
15BQ1A01B0	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	41	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A01B0	RT32018	TRANSPORTATION ENGINEERING LAB	15	38	2
15BQ1A01B1	RT32011	ENVIRONMENTAL ENGINEERING I	10	61	3
15BQ1A01B1	RT32012	GEOTECHNICAL ENGINEERING II	17	26	3
15BQ1A01B1	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	4	0
15BQ1A01B1	RT32014	WATER RESOURCES ENGINEERING I	20	7	0
15BQ1A01B1	RT32015	TRANSPORTATION ENGINEERING II	17	15	0
15BQ1A01B1	RT32016E	FINITE ELEMENT METHOD	17	40	3
15BQ1A01B1	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	47	2
15BQ1A01B1	RT32018	TRANSPORTATION ENGINEERING LAB	14	28	2
15BQ1A01B2	RT32011	ENVIRONMENTAL ENGINEERING I	17	13	0
15BQ1A01B2	RT32012	GEOTECHNICAL ENGINEERING II	20	33	3
15BQ1A01B2	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
15BQ1A01B2	RT32014	WATER RESOURCES ENGINEERING I	20	30	3
15BQ1A01B2	RT32015	TRANSPORTATION ENGINEERING II	16	32	3
15BQ1A01B2	RT32016E	FINITE ELEMENT METHOD	16	9	0
15BQ1A01B2	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	47	2
15BQ1A01B2	RT32018	TRANSPORTATION ENGINEERING LAB	17	32	2
15BQ1A01B3	RT32011	ENVIRONMENTAL ENGINEERING I	22	37	3
15BQ1A01B3	RT32012	GEOTECHNICAL ENGINEERING II	24	39	3
15BQ1A01B3	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	33	3
15BQ1A01B3	RT32014	WATER RESOURCES ENGINEERING I	19	35	3
15BQ1A01B3	RT32015	TRANSPORTATION ENGINEERING II	22	58	3
15BQ1A01B3	RT32016E	FINITE ELEMENT METHOD	18	41	3
15BQ1A01B3	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	47	2
15BQ1A01B3	RT32018	TRANSPORTATION ENGINEERING LAB	18	34	2
15BQ1A01B5	RT32011	ENVIRONMENTAL ENGINEERING I	19	34	3
15BQ1A01B5	RT32012	GEOTECHNICAL ENGINEERING II	20	25	3
15BQ1A01B5	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	35	3
15BQ1A01B5	RT32014	WATER RESOURCES ENGINEERING I	16	36	3
15BQ1A01B5	RT32015	TRANSPORTATION ENGINEERING II	23	48	3
15BQ1A01B5	RT32016E	FINITE ELEMENT METHOD	21	26	3
15BQ1A01B5	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	55	2
15BQ1A01B5	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BQ1A01B6	RT32011	ENVIRONMENTAL ENGINEERING I	19	69	3
15BQ1A01B6	RT32012	GEOTECHNICAL ENGINEERING II	24	38	3
15BQ1A01B6	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	24	3
15BQ1A01B6	RT32014	WATER RESOURCES ENGINEERING I	18	36	3
15BQ1A01B6	RT32015	TRANSPORTATION ENGINEERING II	23	40	3
15BQ1A01B6	RT32016E	FINITE ELEMENT METHOD	16	29	3
15BQ1A01B6	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	57	2
15BQ1A01B6	RT32018	TRANSPORTATION ENGINEERING LAB	18	29	2
15BQ1A01B7	RT32011	ENVIRONMENTAL ENGINEERING I	22	35	3
15BQ1A01B7	RT32012	GEOTECHNICAL ENGINEERING II	26	34	3
15BQ1A01B7	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
15BQ1A01B7	RT32014	WATER RESOURCES ENGINEERING I	14	55	3
15BQ1A01B7	RT32015	TRANSPORTATION ENGINEERING II	20	45	3
15BQ1A01B7	RT32016E	FINITE ELEMENT METHOD	21	27	3
15BQ1A01B7	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	57	2
15BQ1A01B7	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
15BQ1A01B8	RT32011	ENVIRONMENTAL ENGINEERING I	21	31	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A01B8	RT32012	GEOTECHNICAL ENGINEERING II	23	40	3
15BQ1A01B8	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
15BQ1A01B8	RT32014	WATER RESOURCES ENGINEERING I	22	36	3
15BQ1A01B8	RT32015	TRANSPORTATION ENGINEERING II	24	54	3
15BQ1A01B8	RT32016E	FINITE ELEMENT METHOD	19	24	3
15BQ1A01B8	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	50	2
15BQ1A01B8	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
15BQ1A01B9	RT32011	ENVIRONMENTAL ENGINEERING I	17	32	3
15BQ1A01B9	RT32012	GEOTECHNICAL ENGINEERING II	21	42	3
15BQ1A01B9	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	35	3
15BQ1A01B9	RT32014	WATER RESOURCES ENGINEERING I	18	46	3
15BQ1A01B9	RT32015	TRANSPORTATION ENGINEERING II	19	54	3
15BQ1A01B9	RT32016E	FINITE ELEMENT METHOD	22	37	3
15BQ1A01B9	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	60	2
15BQ1A01B9	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BQ1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	27	3
15BQ1A0201	RT32022	SWITCHGEAR AND PROTECTION	18	31	3
15BQ1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	39	3
15BQ1A0201	RT32024	POWER SYSTEM ANALYSIS	19	11	0
15BQ1A0201	RT32025	MANAGEMENT SCIENCE	23	42	3
15BQ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	22	3	0
15BQ1A0201	RT32027	POWER ELECTRONICS LAB	17	44	2
15BQ1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	18	35	2
15BQ1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	17	0
15BQ1A0202	RT32022	SWITCHGEAR AND PROTECTION	19	24	3
15BQ1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
15BQ1A0202	RT32024	POWER SYSTEM ANALYSIS	22	40	3
15BQ1A0202	RT32025	MANAGEMENT SCIENCE	27	45	3
15BQ1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	24	31	3
15BQ1A0202	RT32027	POWER ELECTRONICS LAB	15	44	2
15BQ1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15BQ1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	25	3
15BQ1A0203	RT32022	SWITCHGEAR AND PROTECTION	26	44	3
15BQ1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	48	3
15BQ1A0203	RT32024	POWER SYSTEM ANALYSIS	24	31	3
15BQ1A0203	RT32025	MANAGEMENT SCIENCE	26	35	3
15BQ1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
15BQ1A0203	RT32027	POWER ELECTRONICS LAB	22	35	2
15BQ1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15BQ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	13	0
15BQ1A0204	RT32022	SWITCHGEAR AND PROTECTION	19	42	3
15BQ1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	31	3
15BQ1A0204	RT32024	POWER SYSTEM ANALYSIS	18	17	0
15BQ1A0204	RT32025	MANAGEMENT SCIENCE	18	34	3
15BQ1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	16	41	3
15BQ1A0204	RT32027	POWER ELECTRONICS LAB	15	18	2
15BQ1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	18	41	2
15BQ1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	25	3
15BQ1A0205	RT32022	SWITCHGEAR AND PROTECTION	18	29	3
15BQ1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0205	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15BQ1A0205	RT32025	MANAGEMENT SCIENCE	18	34	3
15BQ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	19	5	0
15BQ1A0205	RT32027	POWER ELECTRONICS LAB	16	18	2
15BQ1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	17	38	2
15BQ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	26	3
15BQ1A0206	RT32022	SWITCHGEAR AND PROTECTION	16	12	0
15BQ1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15BQ1A0206	RT32024	POWER SYSTEM ANALYSIS	17	37	3
15BQ1A0206	RT32025	MANAGEMENT SCIENCE	20	35	3
15BQ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	21	30	3
15BQ1A0206	RT32027	POWER ELECTRONICS LAB	16	18	2
15BQ1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	16	18	2
15BQ1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	36	3
15BQ1A0207	RT32022	SWITCHGEAR AND PROTECTION	16	33	3
15BQ1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	49	3
15BQ1A0207	RT32024	POWER SYSTEM ANALYSIS	26	29	3
15BQ1A0207	RT32025	MANAGEMENT SCIENCE	20	49	3
15BQ1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	21	26	3
15BQ1A0207	RT32027	POWER ELECTRONICS LAB	19	43	2
15BQ1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	21	38	2
15BQ1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	14	0
15BQ1A0208	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
15BQ1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	25	3
15BQ1A0208	RT32024	POWER SYSTEM ANALYSIS	16	17	0
15BQ1A0208	RT32025	MANAGEMENT SCIENCE	16	38	3
15BQ1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	16	28	3
15BQ1A0208	RT32027	POWER ELECTRONICS LAB	15	18	2
15BQ1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	17	32	2
15BQ1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	25	3
15BQ1A0209	RT32022	SWITCHGEAR AND PROTECTION	19	34	3
15BQ1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	42	3
15BQ1A0209	RT32024	POWER SYSTEM ANALYSIS	18	32	3
15BQ1A0209	RT32025	MANAGEMENT SCIENCE	21	32	3
15BQ1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
15BQ1A0209	RT32027	POWER ELECTRONICS LAB	17	27	2
15BQ1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	16	37	2
15BQ1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	12	0
15BQ1A0210	RT32022	SWITCHGEAR AND PROTECTION	15	25	3
15BQ1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	25	3
15BQ1A0210	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15BQ1A0210	RT32025	MANAGEMENT SCIENCE	20	42	3
15BQ1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	16	16	0
15BQ1A0210	RT32027	POWER ELECTRONICS LAB	17	26	2
15BQ1A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	19	39	2
15BQ1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	35	3
15BQ1A0211	RT32022	SWITCHGEAR AND PROTECTION	21	38	3
15BQ1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	50	3
15BQ1A0211	RT32024	POWER SYSTEM ANALYSIS	22	37	3
15BQ1A0211	RT32025	MANAGEMENT SCIENCE	23	52	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	21	31	3
15BQ1A0211	RT32027	POWER ELECTRONICS LAB	16	36	2
15BQ1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15BQ1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15BQ1A0212	RT32022	SWITCHGEAR AND PROTECTION	20	43	3
15BQ1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	26	3
15BQ1A0212	RT32024	POWER SYSTEM ANALYSIS	16	26	3
15BQ1A0212	RT32025	MANAGEMENT SCIENCE	26	38	3
15BQ1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	21	39	3
15BQ1A0212	RT32027	POWER ELECTRONICS LAB	19	45	2
15BQ1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
15BQ1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
15BQ1A0213	RT32022	SWITCHGEAR AND PROTECTION	21	30	3
15BQ1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	51	3
15BQ1A0213	RT32024	POWER SYSTEM ANALYSIS	19	26	3
15BQ1A0213	RT32025	MANAGEMENT SCIENCE	23	36	3
15BQ1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	20	36	3
15BQ1A0213	RT32027	POWER ELECTRONICS LAB	18	18	2
15BQ1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	19	39	2
15BQ1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	27	3
15BQ1A0214	RT32022	SWITCHGEAR AND PROTECTION	21	26	3
15BQ1A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	36	3
15BQ1A0214	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15BQ1A0214	RT32025	MANAGEMENT SCIENCE	21	33	3
15BQ1A0214	RT32026	POWER SEMICONDUCTOR DRIVES	17	30	3
15BQ1A0214	RT32027	POWER ELECTRONICS LAB	21	35	2
15BQ1A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15BQ1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	38	3
15BQ1A0216	RT32022	SWITCHGEAR AND PROTECTION	19	40	3
15BQ1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	50	3
15BQ1A0216	RT32024	POWER SYSTEM ANALYSIS	28	46	3
15BQ1A0216	RT32025	MANAGEMENT SCIENCE	24	39	3
15BQ1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	23	46	3
15BQ1A0216	RT32027	POWER ELECTRONICS LAB	22	44	2
15BQ1A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	23	41	2
15BQ1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	14	0
15BQ1A0217	RT32022	SWITCHGEAR AND PROTECTION	19	50	3
15BQ1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	28	3
15BQ1A0217	RT32024	POWER SYSTEM ANALYSIS	23	25	3
15BQ1A0217	RT32025	MANAGEMENT SCIENCE	22	32	3
15BQ1A0217	RT32026	POWER SEMICONDUCTOR DRIVES	18	30	3
15BQ1A0217	RT32027	POWER ELECTRONICS LAB	18	38	2
15BQ1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	20	39	2
15BQ1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	16	0
15BQ1A0218	RT32022	SWITCHGEAR AND PROTECTION	16	36	3
15BQ1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	42	3
15BQ1A0218	RT32024	POWER SYSTEM ANALYSIS	18	14	0
15BQ1A0218	RT32025	MANAGEMENT SCIENCE	19	34	3
15BQ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	19	9	0
15BQ1A0218	RT32027	POWER ELECTRONICS LAB	18	24	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	20	38	2
15BQ1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	31	3
15BQ1A0219	RT32022	SWITCHGEAR AND PROTECTION	25	44	3
15BQ1A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	47	3
15BQ1A0219	RT32024	POWER SYSTEM ANALYSIS	26	37	3
15BQ1A0219	RT32025	MANAGEMENT SCIENCE	27	60	3
15BQ1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	22	34	3
15BQ1A0219	RT32027	POWER ELECTRONICS LAB	18	28	2
15BQ1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
15BQ1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	35	3
15BQ1A0220	RT32022	SWITCHGEAR AND PROTECTION	25	38	3
15BQ1A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	50	3
15BQ1A0220	RT32024	POWER SYSTEM ANALYSIS	26	40	3
15BQ1A0220	RT32025	MANAGEMENT SCIENCE	25	36	3
15BQ1A0220	RT32026	POWER SEMICONDUCTOR DRIVES	22	41	3
15BQ1A0220	RT32027	POWER ELECTRONICS LAB	19	38	2
15BQ1A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15BQ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	15	0
15BQ1A0221	RT32022	SWITCHGEAR AND PROTECTION	16	16	0
15BQ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	26	3
15BQ1A0221	RT32024	POWER SYSTEM ANALYSIS	18	26	3
15BQ1A0221	RT32025	MANAGEMENT SCIENCE	22	28	3
15BQ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	18	38	3
15BQ1A0221	RT32027	POWER ELECTRONICS LAB	15	38	2
15BQ1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
15BQ1A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	54	3
15BQ1A0222	RT32022	SWITCHGEAR AND PROTECTION	18	52	3
15BQ1A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	47	3
15BQ1A0222	RT32024	POWER SYSTEM ANALYSIS	24	29	3
15BQ1A0222	RT32025	MANAGEMENT SCIENCE	26	50	3
15BQ1A0222	RT32026	POWER SEMICONDUCTOR DRIVES	25	36	3
15BQ1A0222	RT32027	POWER ELECTRONICS LAB	19	25	2
15BQ1A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	20	44	2
15BQ1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	12	0
15BQ1A0223	RT32022	SWITCHGEAR AND PROTECTION	16	14	0
15BQ1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
15BQ1A0223	RT32024	POWER SYSTEM ANALYSIS	17	30	3
15BQ1A0223	RT32025	MANAGEMENT SCIENCE	18	38	3
15BQ1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	20	38	3
15BQ1A0223	RT32027	POWER ELECTRONICS LAB	13	30	2
15BQ1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	20	34	2
15BQ1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	41	3
15BQ1A0224	RT32022	SWITCHGEAR AND PROTECTION	26	53	3
15BQ1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	56	3
15BQ1A0224	RT32024	POWER SYSTEM ANALYSIS	24	46	3
15BQ1A0224	RT32025	MANAGEMENT SCIENCE	25	39	3
15BQ1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	24	38	3
15BQ1A0224	RT32027	POWER ELECTRONICS LAB	16	39	2
15BQ1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	20	44	2
15BQ1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	11	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0225	RT32022	SWITCHGEAR AND PROTECTION	17	24	3
15BQ1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15BQ1A0225	RT32024	POWER SYSTEM ANALYSIS	19	15	0
15BQ1A0225	RT32025	MANAGEMENT SCIENCE	20	25	3
15BQ1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	19	33	3
15BQ1A0225	RT32027	POWER ELECTRONICS LAB	16	18	2
15BQ1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	13	32	2
15BQ1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	42	3
15BQ1A0226	RT32022	SWITCHGEAR AND PROTECTION	25	38	3
15BQ1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	50	3
15BQ1A0226	RT32024	POWER SYSTEM ANALYSIS	23	38	3
15BQ1A0226	RT32025	MANAGEMENT SCIENCE	24	48	3
15BQ1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	23	41	3
15BQ1A0226	RT32027	POWER ELECTRONICS LAB	19	45	2
15BQ1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15BQ1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	-1	0
15BQ1A0227	RT32022	SWITCHGEAR AND PROTECTION	5	-1	0
15BQ1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	11	0
15BQ1A0227	RT32024	POWER SYSTEM ANALYSIS	19	-1	0
15BQ1A0227	RT32025	MANAGEMENT SCIENCE	21	42	3
15BQ1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	2	-1	0
15BQ1A0227	RT32027	POWER ELECTRONICS LAB	19	-1	0
15BQ1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	18	-1	0
15BQ1A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	34	3
15BQ1A0228	RT32022	SWITCHGEAR AND PROTECTION	20	49	3
15BQ1A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	55	3
15BQ1A0228	RT32024	POWER SYSTEM ANALYSIS	21	24	3
15BQ1A0228	RT32025	MANAGEMENT SCIENCE	26	57	3
15BQ1A0228	RT32026	POWER SEMICONDUCTOR DRIVES	19	42	3
15BQ1A0228	RT32027	POWER ELECTRONICS LAB	18	37	2
15BQ1A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	19	40	2
15BQ1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	38	3
15BQ1A0229	RT32022	SWITCHGEAR AND PROTECTION	23	62	3
15BQ1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	35	3
15BQ1A0229	RT32024	POWER SYSTEM ANALYSIS	25	29	3
15BQ1A0229	RT32025	MANAGEMENT SCIENCE	23	47	3
15BQ1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	21	41	3
15BQ1A0229	RT32027	POWER ELECTRONICS LAB	20	42	2
15BQ1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15BQ1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	28	3
15BQ1A0231	RT32022	SWITCHGEAR AND PROTECTION	16	32	3
15BQ1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	34	3
15BQ1A0231	RT32024	POWER SYSTEM ANALYSIS	20	16	0
15BQ1A0231	RT32025	MANAGEMENT SCIENCE	19	42	3
15BQ1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	19	30	3
15BQ1A0231	RT32027	POWER ELECTRONICS LAB	14	30	2
15BQ1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	18	37	2
15BQ1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	28	3
15BQ1A0232	RT32022	SWITCHGEAR AND PROTECTION	18	17	0
15BQ1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	6	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0232	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15BQ1A0232	RT32025	MANAGEMENT SCIENCE	25	39	3
15BQ1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	23	30	3
15BQ1A0232	RT32027	POWER ELECTRONICS LAB	17	35	2
15BQ1A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	20	32	2
15BQ1A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	40	3
15BQ1A0233	RT32022	SWITCHGEAR AND PROTECTION	18	14	0
15BQ1A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	45	3
15BQ1A0233	RT32024	POWER SYSTEM ANALYSIS	16	12	0
15BQ1A0233	RT32025	MANAGEMENT SCIENCE	21	36	3
15BQ1A0233	RT32026	POWER SEMICONDUCTOR DRIVES	16	26	3
15BQ1A0233	RT32027	POWER ELECTRONICS LAB	19	37	2
15BQ1A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	15	18	2
15BQ1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	30	3
15BQ1A0234	RT32022	SWITCHGEAR AND PROTECTION	24	60	3
15BQ1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	34	3
15BQ1A0234	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15BQ1A0234	RT32025	MANAGEMENT SCIENCE	26	52	3
15BQ1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	22	49	3
15BQ1A0234	RT32027	POWER ELECTRONICS LAB	19	40	2
15BQ1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	20	36	2
15BQ1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	27	3
15BQ1A0235	RT32022	SWITCHGEAR AND PROTECTION	19	42	3
15BQ1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	43	3
15BQ1A0235	RT32024	POWER SYSTEM ANALYSIS	20	26	3
15BQ1A0235	RT32025	MANAGEMENT SCIENCE	26	50	3
15BQ1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15BQ1A0235	RT32027	POWER ELECTRONICS LAB	16	45	2
15BQ1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	19	40	2
15BQ1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	27	3
15BQ1A0236	RT32022	SWITCHGEAR AND PROTECTION	18	38	3
15BQ1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	37	3
15BQ1A0236	RT32024	POWER SYSTEM ANALYSIS	17	49	3
15BQ1A0236	RT32025	MANAGEMENT SCIENCE	21	24	3
15BQ1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
15BQ1A0236	RT32027	POWER ELECTRONICS LAB	17	42	2
15BQ1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	17	39	2
15BQ1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	31	3
15BQ1A0237	RT32022	SWITCHGEAR AND PROTECTION	17	28	3
15BQ1A0237	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	48	3
15BQ1A0237	RT32024	POWER SYSTEM ANALYSIS	21	17	0
15BQ1A0237	RT32025	MANAGEMENT SCIENCE	22	48	3
15BQ1A0237	RT32026	POWER SEMICONDUCTOR DRIVES	22	40	3
15BQ1A0237	RT32027	POWER ELECTRONICS LAB	20	45	2
15BQ1A0237	RT32028	ELECTRICAL MEASUREMENTS LAB	18	41	2
15BQ1A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	30	3
15BQ1A0238	RT32022	SWITCHGEAR AND PROTECTION	16	40	3
15BQ1A0238	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	48	3
15BQ1A0238	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15BQ1A0238	RT32025	MANAGEMENT SCIENCE	21	47	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0238	RT32026	POWER SEMICONDUCTOR DRIVES	18	38	3
15BQ1A0238	RT32027	POWER ELECTRONICS LAB	19	44	2
15BQ1A0238	RT32028	ELECTRICAL MEASUREMENTS LAB	19	41	2
15BQ1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	14	0
15BQ1A0239	RT32022	SWITCHGEAR AND PROTECTION	17	28	3
15BQ1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	15	0
15BQ1A0239	RT32024	POWER SYSTEM ANALYSIS	21	25	3
15BQ1A0239	RT32025	MANAGEMENT SCIENCE	20	36	3
15BQ1A0239	RT32026	POWER SEMICONDUCTOR DRIVES	20	24	3
15BQ1A0239	RT32027	POWER ELECTRONICS LAB	18	22	2
15BQ1A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	18	33	2
15BQ1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	28	3
15BQ1A0240	RT32022	SWITCHGEAR AND PROTECTION	17	37	3
15BQ1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	36	3
15BQ1A0240	RT32024	POWER SYSTEM ANALYSIS	16	33	3
15BQ1A0240	RT32025	MANAGEMENT SCIENCE	23	35	3
15BQ1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	19	33	3
15BQ1A0240	RT32027	POWER ELECTRONICS LAB	18	30	2
15BQ1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	19	32	2
15BQ1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	17	0
15BQ1A0241	RT32022	SWITCHGEAR AND PROTECTION	16	7	0
15BQ1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	25	3
15BQ1A0241	RT32024	POWER SYSTEM ANALYSIS	18	2	0
15BQ1A0241	RT32025	MANAGEMENT SCIENCE	20	33	3
15BQ1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
15BQ1A0241	RT32027	POWER ELECTRONICS LAB	15	18	2
15BQ1A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	16	18	2
15BQ1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	13	0
15BQ1A0242	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
15BQ1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	25	3
15BQ1A0242	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15BQ1A0242	RT32025	MANAGEMENT SCIENCE	24	32	3
15BQ1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	21	45	3
15BQ1A0242	RT32027	POWER ELECTRONICS LAB	18	39	2
15BQ1A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	20	32	2
15BQ1A0243	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	43	3
15BQ1A0243	RT32022	SWITCHGEAR AND PROTECTION	20	39	3
15BQ1A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	13	0
15BQ1A0243	RT32024	POWER SYSTEM ANALYSIS	22	25	3
15BQ1A0243	RT32025	MANAGEMENT SCIENCE	25	42	3
15BQ1A0243	RT32026	POWER SEMICONDUCTOR DRIVES	20	24	3
15BQ1A0243	RT32027	POWER ELECTRONICS LAB	17	25	2
15BQ1A0243	RT32028	ELECTRICAL MEASUREMENTS LAB	22	34	2
15BQ1A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15BQ1A0244	RT32022	SWITCHGEAR AND PROTECTION	20	29	3
15BQ1A0244	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
15BQ1A0244	RT32024	POWER SYSTEM ANALYSIS	24	26	3
15BQ1A0244	RT32025	MANAGEMENT SCIENCE	27	46	3
15BQ1A0244	RT32026	POWER SEMICONDUCTOR DRIVES	23	32	3
15BQ1A0244	RT32027	POWER ELECTRONICS LAB	16	32	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0244	RT32028	ELECTRICAL MEASUREMENTS LAB	20	38	2
15BQ1A0245	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	36	3
15BQ1A0245	RT32022	SWITCHGEAR AND PROTECTION	24	32	3
15BQ1A0245	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	56	3
15BQ1A0245	RT32024	POWER SYSTEM ANALYSIS	25	40	3
15BQ1A0245	RT32025	MANAGEMENT SCIENCE	22	51	3
15BQ1A0245	RT32026	POWER SEMICONDUCTOR DRIVES	22	32	3
15BQ1A0245	RT32027	POWER ELECTRONICS LAB	24	43	2
15BQ1A0245	RT32028	ELECTRICAL MEASUREMENTS LAB	22	34	2
15BQ1A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	16	0
15BQ1A0246	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
15BQ1A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	8	0
15BQ1A0246	RT32024	POWER SYSTEM ANALYSIS	20	15	0
15BQ1A0246	RT32025	MANAGEMENT SCIENCE	16	41	3
15BQ1A0246	RT32026	POWER SEMICONDUCTOR DRIVES	17	35	3
15BQ1A0246	RT32027	POWER ELECTRONICS LAB	15	18	2
15BQ1A0246	RT32028	ELECTRICAL MEASUREMENTS LAB	18	18	2
15BQ1A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	36	3
15BQ1A0247	RT32022	SWITCHGEAR AND PROTECTION	16	35	3
15BQ1A0247	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	34	3
15BQ1A0247	RT32024	POWER SYSTEM ANALYSIS	20	28	3
15BQ1A0247	RT32025	MANAGEMENT SCIENCE	23	49	3
15BQ1A0247	RT32026	POWER SEMICONDUCTOR DRIVES	17	15	0
15BQ1A0247	RT32027	POWER ELECTRONICS LAB	23	27	2
15BQ1A0247	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
15BQ1A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	31	3
15BQ1A0248	RT32022	SWITCHGEAR AND PROTECTION	25	35	3
15BQ1A0248	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	26	3
15BQ1A0248	RT32024	POWER SYSTEM ANALYSIS	26	38	3
15BQ1A0248	RT32025	MANAGEMENT SCIENCE	23	46	3
15BQ1A0248	RT32026	POWER SEMICONDUCTOR DRIVES	22	39	3
15BQ1A0248	RT32027	POWER ELECTRONICS LAB	24	48	2
15BQ1A0248	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15BQ1A0249	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15BQ1A0249	RT32022	SWITCHGEAR AND PROTECTION	16	25	3
15BQ1A0249	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	42	3
15BQ1A0249	RT32024	POWER SYSTEM ANALYSIS	17	14	0
15BQ1A0249	RT32025	MANAGEMENT SCIENCE	21	36	3
15BQ1A0249	RT32026	POWER SEMICONDUCTOR DRIVES	19	24	3
15BQ1A0249	RT32027	POWER ELECTRONICS LAB	17	28	2
15BQ1A0249	RT32028	ELECTRICAL MEASUREMENTS LAB	16	18	2
15BQ1A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15BQ1A0250	RT32022	SWITCHGEAR AND PROTECTION	21	45	3
15BQ1A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	43	3
15BQ1A0250	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15BQ1A0250	RT32025	MANAGEMENT SCIENCE	24	48	3
15BQ1A0250	RT32026	POWER SEMICONDUCTOR DRIVES	22	42	3
15BQ1A0250	RT32027	POWER ELECTRONICS LAB	22	20	2
15BQ1A0250	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
15BQ1A0251	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0251	RT32022	SWITCHGEAR AND PROTECTION	23	37	3
15BQ1A0251	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	26	3
15BQ1A0251	RT32024	POWER SYSTEM ANALYSIS	17	25	3
15BQ1A0251	RT32025	MANAGEMENT SCIENCE	22	42	3
15BQ1A0251	RT32026	POWER SEMICONDUCTOR DRIVES	19	24	3
15BQ1A0251	RT32027	POWER ELECTRONICS LAB	16	22	2
15BQ1A0251	RT32028	ELECTRICAL MEASUREMENTS LAB	16	35	2
15BQ1A0252	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	13	0
15BQ1A0252	RT32022	SWITCHGEAR AND PROTECTION	22	29	3
15BQ1A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	17	0
15BQ1A0252	RT32024	POWER SYSTEM ANALYSIS	18	42	3
15BQ1A0252	RT32025	MANAGEMENT SCIENCE	23	40	3
15BQ1A0252	RT32026	POWER SEMICONDUCTOR DRIVES	18	32	3
15BQ1A0252	RT32027	POWER ELECTRONICS LAB	17	34	2
15BQ1A0252	RT32028	ELECTRICAL MEASUREMENTS LAB	18	18	2
15BQ1A0253	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	24	3
15BQ1A0253	RT32022	SWITCHGEAR AND PROTECTION	22	17	0
15BQ1A0253	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	37	3
15BQ1A0253	RT32024	POWER SYSTEM ANALYSIS	18	0	0
15BQ1A0253	RT32025	MANAGEMENT SCIENCE	19	27	3
15BQ1A0253	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15BQ1A0253	RT32027	POWER ELECTRONICS LAB	14	27	2
15BQ1A0253	RT32028	ELECTRICAL MEASUREMENTS LAB	20	32	2
15BQ1A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	11	0
15BQ1A0254	RT32022	SWITCHGEAR AND PROTECTION	21	16	0
15BQ1A0254	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	32	3
15BQ1A0254	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15BQ1A0254	RT32025	MANAGEMENT SCIENCE	24	37	3
15BQ1A0254	RT32026	POWER SEMICONDUCTOR DRIVES	19	33	3
15BQ1A0254	RT32027	POWER ELECTRONICS LAB	16	20	2
15BQ1A0254	RT32028	ELECTRICAL MEASUREMENTS LAB	14	33	2
15BQ1A0255	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
15BQ1A0255	RT32022	SWITCHGEAR AND PROTECTION	17	29	3
15BQ1A0255	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	13	0
15BQ1A0255	RT32024	POWER SYSTEM ANALYSIS	20	25	3
15BQ1A0255	RT32025	MANAGEMENT SCIENCE	27	33	3
15BQ1A0255	RT32026	POWER SEMICONDUCTOR DRIVES	17	17	0
15BQ1A0255	RT32027	POWER ELECTRONICS LAB	14	29	2
15BQ1A0255	RT32028	ELECTRICAL MEASUREMENTS LAB	20	32	2
15BQ1A0256	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	26	3
15BQ1A0256	RT32022	SWITCHGEAR AND PROTECTION	24	25	3
15BQ1A0256	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	38	3
15BQ1A0256	RT32024	POWER SYSTEM ANALYSIS	23	29	3
15BQ1A0256	RT32025	MANAGEMENT SCIENCE	26	33	3
15BQ1A0256	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
15BQ1A0256	RT32027	POWER ELECTRONICS LAB	21	47	2
15BQ1A0256	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
15BQ1A0257	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
15BQ1A0257	RT32022	SWITCHGEAR AND PROTECTION	23	36	3
15BQ1A0257	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	51	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0257	RT32024	POWER SYSTEM ANALYSIS	26	41	3
15BQ1A0257	RT32025	MANAGEMENT SCIENCE	25	46	3
15BQ1A0257	RT32026	POWER SEMICONDUCTOR DRIVES	25	31	3
15BQ1A0257	RT32027	POWER ELECTRONICS LAB	21	28	2
15BQ1A0257	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
15BQ1A0258	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	33	3
15BQ1A0258	RT32022	SWITCHGEAR AND PROTECTION	24	46	3
15BQ1A0258	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	44	3
15BQ1A0258	RT32024	POWER SYSTEM ANALYSIS	24	36	3
15BQ1A0258	RT32025	MANAGEMENT SCIENCE	25	44	3
15BQ1A0258	RT32026	POWER SEMICONDUCTOR DRIVES	22	56	3
15BQ1A0258	RT32027	POWER ELECTRONICS LAB	24	48	2
15BQ1A0258	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15BQ1A0259	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	37	3
15BQ1A0259	RT32022	SWITCHGEAR AND PROTECTION	16	37	3
15BQ1A0259	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	56	3
15BQ1A0259	RT32024	POWER SYSTEM ANALYSIS	19	29	3
15BQ1A0259	RT32025	MANAGEMENT SCIENCE	27	51	3
15BQ1A0259	RT32026	POWER SEMICONDUCTOR DRIVES	24	39	3
15BQ1A0259	RT32027	POWER ELECTRONICS LAB	23	48	2
15BQ1A0259	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15BQ1A0260	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	34	3
15BQ1A0260	RT32022	SWITCHGEAR AND PROTECTION	25	48	3
15BQ1A0260	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	44	3
15BQ1A0260	RT32024	POWER SYSTEM ANALYSIS	28	41	3
15BQ1A0260	RT32025	MANAGEMENT SCIENCE	28	49	3
15BQ1A0260	RT32026	POWER SEMICONDUCTOR DRIVES	24	45	3
15BQ1A0260	RT32027	POWER ELECTRONICS LAB	22	48	2
15BQ1A0260	RT32028	ELECTRICAL MEASUREMENTS LAB	20	43	2
15BQ1A0261	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A0261	RT32022	SWITCHGEAR AND PROTECTION	16	13	0
15BQ1A0261	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	24	3
15BQ1A0261	RT32024	POWER SYSTEM ANALYSIS	19	14	0
15BQ1A0261	RT32025	MANAGEMENT SCIENCE	17	33	3
15BQ1A0261	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15BQ1A0261	RT32027	POWER ELECTRONICS LAB	20	19	2
15BQ1A0261	RT32028	ELECTRICAL MEASUREMENTS LAB	22	31	2
15BQ1A0262	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	13	0
15BQ1A0262	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
15BQ1A0262	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
15BQ1A0262	RT32024	POWER SYSTEM ANALYSIS	16	8	0
15BQ1A0262	RT32025	MANAGEMENT SCIENCE	16	37	3
15BQ1A0262	RT32026	POWER SEMICONDUCTOR DRIVES	17	27	3
15BQ1A0262	RT32027	POWER ELECTRONICS LAB	18	25	2
15BQ1A0262	RT32028	ELECTRICAL MEASUREMENTS LAB	16	30	2
15BQ1A0264	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
15BQ1A0264	RT32022	SWITCHGEAR AND PROTECTION	16	31	3
15BQ1A0264	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	8	0
15BQ1A0264	RT32024	POWER SYSTEM ANALYSIS	21	10	0
15BQ1A0264	RT32025	MANAGEMENT SCIENCE	21	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0264	RT32026	POWER SEMICONDUCTOR DRIVES	16	15	0
15BQ1A0264	RT32027	POWER ELECTRONICS LAB	20	18	2
15BQ1A0264	RT32028	ELECTRICAL MEASUREMENTS LAB	23	37	2
15BQ1A0265	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	33	3
15BQ1A0265	RT32022	SWITCHGEAR AND PROTECTION	17	41	3
15BQ1A0265	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	36	3
15BQ1A0265	RT32024	POWER SYSTEM ANALYSIS	22	40	3
15BQ1A0265	RT32025	MANAGEMENT SCIENCE	21	51	3
15BQ1A0265	RT32026	POWER SEMICONDUCTOR DRIVES	20	30	3
15BQ1A0265	RT32027	POWER ELECTRONICS LAB	23	42	2
15BQ1A0265	RT32028	ELECTRICAL MEASUREMENTS LAB	24	40	2
15BQ1A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A0266	RT32022	SWITCHGEAR AND PROTECTION	21	19	0
15BQ1A0266	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	42	3
15BQ1A0266	RT32024	POWER SYSTEM ANALYSIS	17	32	3
15BQ1A0266	RT32025	MANAGEMENT SCIENCE	23	45	3
15BQ1A0266	RT32026	POWER SEMICONDUCTOR DRIVES	19	24	3
15BQ1A0266	RT32027	POWER ELECTRONICS LAB	19	19	2
15BQ1A0266	RT32028	ELECTRICAL MEASUREMENTS LAB	20	39	2
15BQ1A0267	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	16	0
15BQ1A0267	RT32022	SWITCHGEAR AND PROTECTION	23	38	3
15BQ1A0267	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	32	3
15BQ1A0267	RT32024	POWER SYSTEM ANALYSIS	25	44	3
15BQ1A0267	RT32025	MANAGEMENT SCIENCE	23	52	3
15BQ1A0267	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15BQ1A0267	RT32027	POWER ELECTRONICS LAB	22	45	2
15BQ1A0267	RT32028	ELECTRICAL MEASUREMENTS LAB	25	41	2
15BQ1A0268	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
15BQ1A0268	RT32022	SWITCHGEAR AND PROTECTION	16	30	3
15BQ1A0268	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15BQ1A0268	RT32024	POWER SYSTEM ANALYSIS	18	26	3
15BQ1A0268	RT32025	MANAGEMENT SCIENCE	20	44	3
15BQ1A0268	RT32026	POWER SEMICONDUCTOR DRIVES	17	29	3
15BQ1A0268	RT32027	POWER ELECTRONICS LAB	19	22	2
15BQ1A0268	RT32028	ELECTRICAL MEASUREMENTS LAB	23	38	2
15BQ1A0270	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	13	0
15BQ1A0270	RT32022	SWITCHGEAR AND PROTECTION	19	36	3
15BQ1A0270	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	8	0
15BQ1A0270	RT32024	POWER SYSTEM ANALYSIS	16	24	3
15BQ1A0270	RT32025	MANAGEMENT SCIENCE	23	32	3
15BQ1A0270	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15BQ1A0270	RT32027	POWER ELECTRONICS LAB	19	21	2
15BQ1A0270	RT32028	ELECTRICAL MEASUREMENTS LAB	19	18	2
15BQ1A0271	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	4	0
15BQ1A0271	RT32022	SWITCHGEAR AND PROTECTION	18	9	0
15BQ1A0271	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	11	0
15BQ1A0271	RT32024	POWER SYSTEM ANALYSIS	16	1	0
15BQ1A0271	RT32025	MANAGEMENT SCIENCE	16	20	0
15BQ1A0271	RT32026	POWER SEMICONDUCTOR DRIVES	16	7	0
15BQ1A0271	RT32027	POWER ELECTRONICS LAB	17	26	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0271	RT32028	ELECTRICAL MEASUREMENTS LAB	14	30	2
15BQ1A0272	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	30	3
15BQ1A0272	RT32022	SWITCHGEAR AND PROTECTION	24	55	3
15BQ1A0272	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	28	3
15BQ1A0272	RT32024	POWER SYSTEM ANALYSIS	20	27	3
15BQ1A0272	RT32025	MANAGEMENT SCIENCE	23	32	3
15BQ1A0272	RT32026	POWER SEMICONDUCTOR DRIVES	21	58	3
15BQ1A0272	RT32027	POWER ELECTRONICS LAB	22	38	2
15BQ1A0272	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
15BQ1A0273	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	48	3
15BQ1A0273	RT32022	SWITCHGEAR AND PROTECTION	20	47	3
15BQ1A0273	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	34	3
15BQ1A0273	RT32024	POWER SYSTEM ANALYSIS	21	27	3
15BQ1A0273	RT32025	MANAGEMENT SCIENCE	23	48	3
15BQ1A0273	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
15BQ1A0273	RT32027	POWER ELECTRONICS LAB	23	22	2
15BQ1A0273	RT32028	ELECTRICAL MEASUREMENTS LAB	23	40	2
15BQ1A0274	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	3	0
15BQ1A0274	RT32022	SWITCHGEAR AND PROTECTION	17	32	3
15BQ1A0274	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	24	3
15BQ1A0274	RT32024	POWER SYSTEM ANALYSIS	20	29	3
15BQ1A0274	RT32025	MANAGEMENT SCIENCE	16	34	3
15BQ1A0274	RT32026	POWER SEMICONDUCTOR DRIVES	16	17	0
15BQ1A0274	RT32027	POWER ELECTRONICS LAB	20	34	2
15BQ1A0274	RT32028	ELECTRICAL MEASUREMENTS LAB	22	20	2
15BQ1A0275	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	35	3
15BQ1A0275	RT32022	SWITCHGEAR AND PROTECTION	23	18	0
15BQ1A0275	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	49	3
15BQ1A0275	RT32024	POWER SYSTEM ANALYSIS	24	24	3
15BQ1A0275	RT32025	MANAGEMENT SCIENCE	25	49	3
15BQ1A0275	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
15BQ1A0275	RT32027	POWER ELECTRONICS LAB	23	33	2
15BQ1A0275	RT32028	ELECTRICAL MEASUREMENTS LAB	24	36	2
15BQ1A0276	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	14	0
15BQ1A0276	RT32022	SWITCHGEAR AND PROTECTION	19	52	3
15BQ1A0276	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	24	3
15BQ1A0276	RT32024	POWER SYSTEM ANALYSIS	25	25	3
15BQ1A0276	RT32025	MANAGEMENT SCIENCE	19	43	3
15BQ1A0276	RT32026	POWER SEMICONDUCTOR DRIVES	21	47	3
15BQ1A0276	RT32027	POWER ELECTRONICS LAB	21	38	2
15BQ1A0276	RT32028	ELECTRICAL MEASUREMENTS LAB	23	36	2
15BQ1A0277	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	32	3
15BQ1A0277	RT32022	SWITCHGEAR AND PROTECTION	17	51	3
15BQ1A0277	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	63	3
15BQ1A0277	RT32024	POWER SYSTEM ANALYSIS	22	26	3
15BQ1A0277	RT32025	MANAGEMENT SCIENCE	19	38	3
15BQ1A0277	RT32026	POWER SEMICONDUCTOR DRIVES	16	32	3
15BQ1A0277	RT32027	POWER ELECTRONICS LAB	20	18	2
15BQ1A0277	RT32028	ELECTRICAL MEASUREMENTS LAB	19	20	2
15BQ1A0279	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	31	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0279	RT32022	SWITCHGEAR AND PROTECTION	23	50	3
15BQ1A0279	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	38	3
15BQ1A0279	RT32024	POWER SYSTEM ANALYSIS	22	39	3
15BQ1A0279	RT32025	MANAGEMENT SCIENCE	22	53	3
15BQ1A0279	RT32026	POWER SEMICONDUCTOR DRIVES	25	47	3
15BQ1A0279	RT32027	POWER ELECTRONICS LAB	20	29	2
15BQ1A0279	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15BQ1A0280	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	35	3
15BQ1A0280	RT32022	SWITCHGEAR AND PROTECTION	22	35	3
15BQ1A0280	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	52	3
15BQ1A0280	RT32024	POWER SYSTEM ANALYSIS	26	40	3
15BQ1A0280	RT32025	MANAGEMENT SCIENCE	22	48	3
15BQ1A0280	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15BQ1A0280	RT32027	POWER ELECTRONICS LAB	20	37	2
15BQ1A0280	RT32028	ELECTRICAL MEASUREMENTS LAB	23	20	2
15BQ1A0281	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
15BQ1A0281	RT32022	SWITCHGEAR AND PROTECTION	21	53	3
15BQ1A0281	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	34	3
15BQ1A0281	RT32024	POWER SYSTEM ANALYSIS	23	24	3
15BQ1A0281	RT32025	MANAGEMENT SCIENCE	22	45	3
15BQ1A0281	RT32026	POWER SEMICONDUCTOR DRIVES	21	46	3
15BQ1A0281	RT32027	POWER ELECTRONICS LAB	22	20	2
15BQ1A0281	RT32028	ELECTRICAL MEASUREMENTS LAB	24	20	2
15BQ1A0282	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15BQ1A0282	RT32022	SWITCHGEAR AND PROTECTION	19	19	0
15BQ1A0282	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	24	3
15BQ1A0282	RT32024	POWER SYSTEM ANALYSIS	19	14	0
15BQ1A0282	RT32025	MANAGEMENT SCIENCE	23	37	3
15BQ1A0282	RT32026	POWER SEMICONDUCTOR DRIVES	19	15	0
15BQ1A0282	RT32027	POWER ELECTRONICS LAB	18	19	2
15BQ1A0282	RT32028	ELECTRICAL MEASUREMENTS LAB	23	20	2
15BQ1A0283	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	9	0
15BQ1A0283	RT32022	SWITCHGEAR AND PROTECTION	16	12	0
15BQ1A0283	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
15BQ1A0283	RT32024	POWER SYSTEM ANALYSIS	17	5	0
15BQ1A0283	RT32025	MANAGEMENT SCIENCE	23	32	3
15BQ1A0283	RT32026	POWER SEMICONDUCTOR DRIVES	17	7	0
15BQ1A0283	RT32027	POWER ELECTRONICS LAB	17	19	2
15BQ1A0283	RT32028	ELECTRICAL MEASUREMENTS LAB	17	18	2
15BQ1A0284	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	31	3
15BQ1A0284	RT32022	SWITCHGEAR AND PROTECTION	16	15	0
15BQ1A0284	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	14	0
15BQ1A0284	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15BQ1A0284	RT32025	MANAGEMENT SCIENCE	24	39	3
15BQ1A0284	RT32026	POWER SEMICONDUCTOR DRIVES	20	24	3
15BQ1A0284	RT32027	POWER ELECTRONICS LAB	21	18	2
15BQ1A0284	RT32028	ELECTRICAL MEASUREMENTS LAB	22	19	2
15BQ1A0285	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	15	0
15BQ1A0285	RT32022	SWITCHGEAR AND PROTECTION	27	27	3
15BQ1A0285	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0285	RT32024	POWER SYSTEM ANALYSIS	23	28	3
15BQ1A0285	RT32025	MANAGEMENT SCIENCE	26	34	3
15BQ1A0285	RT32026	POWER SEMICONDUCTOR DRIVES	23	43	3
15BQ1A0285	RT32027	POWER ELECTRONICS LAB	23	40	2
15BQ1A0285	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
15BQ1A0286	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	16	0
15BQ1A0286	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
15BQ1A0286	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	24	3
15BQ1A0286	RT32024	POWER SYSTEM ANALYSIS	16	16	0
15BQ1A0286	RT32025	MANAGEMENT SCIENCE	16	30	3
15BQ1A0286	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15BQ1A0286	RT32027	POWER ELECTRONICS LAB	18	29	2
15BQ1A0286	RT32028	ELECTRICAL MEASUREMENTS LAB	19	18	2
15BQ1A0287	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	34	3
15BQ1A0287	RT32022	SWITCHGEAR AND PROTECTION	26	41	3
15BQ1A0287	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	38	3
15BQ1A0287	RT32024	POWER SYSTEM ANALYSIS	25	50	3
15BQ1A0287	RT32025	MANAGEMENT SCIENCE	23	46	3
15BQ1A0287	RT32026	POWER SEMICONDUCTOR DRIVES	24	39	3
15BQ1A0287	RT32027	POWER ELECTRONICS LAB	24	37	2
15BQ1A0287	RT32028	ELECTRICAL MEASUREMENTS LAB	25	22	2
15BQ1A0288	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	32	3
15BQ1A0288	RT32022	SWITCHGEAR AND PROTECTION	20	31	3
15BQ1A0288	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	41	3
15BQ1A0288	RT32024	POWER SYSTEM ANALYSIS	17	36	3
15BQ1A0288	RT32025	MANAGEMENT SCIENCE	22	42	3
15BQ1A0288	RT32026	POWER SEMICONDUCTOR DRIVES	21	38	3
15BQ1A0288	RT32027	POWER ELECTRONICS LAB	17	30	2
15BQ1A0288	RT32028	ELECTRICAL MEASUREMENTS LAB	20	19	2
15BQ1A0289	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	33	3
15BQ1A0289	RT32022	SWITCHGEAR AND PROTECTION	25	63	3
15BQ1A0289	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	41	3
15BQ1A0289	RT32024	POWER SYSTEM ANALYSIS	24	28	3
15BQ1A0289	RT32025	MANAGEMENT SCIENCE	25	48	3
15BQ1A0289	RT32026	POWER SEMICONDUCTOR DRIVES	19	56	3
15BQ1A0289	RT32027	POWER ELECTRONICS LAB	24	32	2
15BQ1A0289	RT32028	ELECTRICAL MEASUREMENTS LAB	23	40	2
15BQ1A0290	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	54	3
15BQ1A0290	RT32022	SWITCHGEAR AND PROTECTION	21	52	3
15BQ1A0290	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	43	3
15BQ1A0290	RT32024	POWER SYSTEM ANALYSIS	25	26	3
15BQ1A0290	RT32025	MANAGEMENT SCIENCE	24	45	3
15BQ1A0290	RT32026	POWER SEMICONDUCTOR DRIVES	22	45	3
15BQ1A0290	RT32027	POWER ELECTRONICS LAB	20	46	2
15BQ1A0290	RT32028	ELECTRICAL MEASUREMENTS LAB	20	19	2
15BQ1A0291	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	42	3
15BQ1A0291	RT32022	SWITCHGEAR AND PROTECTION	23	52	3
15BQ1A0291	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	36	3
15BQ1A0291	RT32024	POWER SYSTEM ANALYSIS	22	29	3
15BQ1A0291	RT32025	MANAGEMENT SCIENCE	22	53	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0291	RT32026	POWER SEMICONDUCTOR DRIVES	22	40	3
15BQ1A0291	RT32027	POWER ELECTRONICS LAB	22	40	2
15BQ1A0291	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15BQ1A0292	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	27	3
15BQ1A0292	RT32022	SWITCHGEAR AND PROTECTION	17	17	0
15BQ1A0292	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	37	3
15BQ1A0292	RT32024	POWER SYSTEM ANALYSIS	16	12	0
15BQ1A0292	RT32025	MANAGEMENT SCIENCE	24	39	3
15BQ1A0292	RT32026	POWER SEMICONDUCTOR DRIVES	17	26	3
15BQ1A0292	RT32027	POWER ELECTRONICS LAB	18	18	2
15BQ1A0292	RT32028	ELECTRICAL MEASUREMENTS LAB	15	18	2
15BQ1A0293	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	16	0
15BQ1A0293	RT32022	SWITCHGEAR AND PROTECTION	20	42	3
15BQ1A0293	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
15BQ1A0293	RT32024	POWER SYSTEM ANALYSIS	21	27	3
15BQ1A0293	RT32025	MANAGEMENT SCIENCE	21	35	3
15BQ1A0293	RT32026	POWER SEMICONDUCTOR DRIVES	22	54	3
15BQ1A0293	RT32027	POWER ELECTRONICS LAB	22	40	2
15BQ1A0293	RT32028	ELECTRICAL MEASUREMENTS LAB	20	18	2
15BQ1A0294	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A0294	RT32022	SWITCHGEAR AND PROTECTION	19	20	0
15BQ1A0294	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	0	0
15BQ1A0294	RT32024	POWER SYSTEM ANALYSIS	22	14	0
15BQ1A0294	RT32025	MANAGEMENT SCIENCE	19	41	3
15BQ1A0294	RT32026	POWER SEMICONDUCTOR DRIVES	20	14	0
15BQ1A0294	RT32027	POWER ELECTRONICS LAB	19	20	2
15BQ1A0294	RT32028	ELECTRICAL MEASUREMENTS LAB	17	40	2
15BQ1A0295	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15BQ1A0295	RT32022	SWITCHGEAR AND PROTECTION	18	18	0
15BQ1A0295	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	24	3
15BQ1A0295	RT32024	POWER SYSTEM ANALYSIS	17	17	0
15BQ1A0295	RT32025	MANAGEMENT SCIENCE	19	33	3
15BQ1A0295	RT32026	POWER SEMICONDUCTOR DRIVES	16	17	0
15BQ1A0295	RT32027	POWER ELECTRONICS LAB	18	18	2
15BQ1A0295	RT32028	ELECTRICAL MEASUREMENTS LAB	17	20	2
15BQ1A0296	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	35	3
15BQ1A0296	RT32022	SWITCHGEAR AND PROTECTION	21	31	3
15BQ1A0296	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	54	3
15BQ1A0296	RT32024	POWER SYSTEM ANALYSIS	24	31	3
15BQ1A0296	RT32025	MANAGEMENT SCIENCE	20	40	3
15BQ1A0296	RT32026	POWER SEMICONDUCTOR DRIVES	21	43	3
15BQ1A0296	RT32027	POWER ELECTRONICS LAB	22	24	2
15BQ1A0296	RT32028	ELECTRICAL MEASUREMENTS LAB	19	22	2
15BQ1A0297	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
15BQ1A0297	RT32022	SWITCHGEAR AND PROTECTION	21	42	3
15BQ1A0297	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	45	3
15BQ1A0297	RT32024	POWER SYSTEM ANALYSIS	21	13	0
15BQ1A0297	RT32025	MANAGEMENT SCIENCE	19	53	3
15BQ1A0297	RT32026	POWER SEMICONDUCTOR DRIVES	25	55	3
15BQ1A0297	RT32027	POWER ELECTRONICS LAB	20	20	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0297	RT32028	ELECTRICAL MEASUREMENTS LAB	19	20	2
15BQ1A0298	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	19	0
15BQ1A0298	RT32022	SWITCHGEAR AND PROTECTION	19	24	3
15BQ1A0298	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	28	3
15BQ1A0298	RT32024	POWER SYSTEM ANALYSIS	16	9	0
15BQ1A0298	RT32025	MANAGEMENT SCIENCE	17	26	3
15BQ1A0298	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15BQ1A0298	RT32027	POWER ELECTRONICS LAB	16	18	2
15BQ1A0298	RT32028	ELECTRICAL MEASUREMENTS LAB	15	20	2
15BQ1A0299	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	27	3
15BQ1A0299	RT32022	SWITCHGEAR AND PROTECTION	18	7	0
15BQ1A0299	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	12	0
15BQ1A0299	RT32024	POWER SYSTEM ANALYSIS	16	6	0
15BQ1A0299	RT32025	MANAGEMENT SCIENCE	17	17	0
15BQ1A0299	RT32026	POWER SEMICONDUCTOR DRIVES	20	16	0
15BQ1A0299	RT32027	POWER ELECTRONICS LAB	19	21	2
15BQ1A0299	RT32028	ELECTRICAL MEASUREMENTS LAB	19	23	2
15BQ1A02A0	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	28	3
15BQ1A02A0	RT32022	SWITCHGEAR AND PROTECTION	20	6	0
15BQ1A02A0	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	29	3
15BQ1A02A0	RT32024	POWER SYSTEM ANALYSIS	19	6	0
15BQ1A02A0	RT32025	MANAGEMENT SCIENCE	21	36	3
15BQ1A02A0	RT32026	POWER SEMICONDUCTOR DRIVES	22	17	0
15BQ1A02A0	RT32027	POWER ELECTRONICS LAB	22	31	2
15BQ1A02A0	RT32028	ELECTRICAL MEASUREMENTS LAB	18	18	2
15BQ1A02A1	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	24	3
15BQ1A02A1	RT32022	SWITCHGEAR AND PROTECTION	23	43	3
15BQ1A02A1	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	33	3
15BQ1A02A1	RT32024	POWER SYSTEM ANALYSIS	22	20	0
15BQ1A02A1	RT32025	MANAGEMENT SCIENCE	23	51	3
15BQ1A02A1	RT32026	POWER SEMICONDUCTOR DRIVES	26	46	3
15BQ1A02A1	RT32027	POWER ELECTRONICS LAB	20	33	2
15BQ1A02A1	RT32028	ELECTRICAL MEASUREMENTS LAB	20	18	2
15BQ1A02A2	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A02A2	RT32022	SWITCHGEAR AND PROTECTION	16	28	3
15BQ1A02A2	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	8	0
15BQ1A02A2	RT32024	POWER SYSTEM ANALYSIS	16	16	0
15BQ1A02A2	RT32025	MANAGEMENT SCIENCE	16	27	3
15BQ1A02A2	RT32026	POWER SEMICONDUCTOR DRIVES	18	25	3
15BQ1A02A2	RT32027	POWER ELECTRONICS LAB	18	18	2
15BQ1A02A2	RT32028	ELECTRICAL MEASUREMENTS LAB	15	18	2
15BQ1A02A3	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	11	0
15BQ1A02A3	RT32022	SWITCHGEAR AND PROTECTION	16	28	3
15BQ1A02A3	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
15BQ1A02A3	RT32024	POWER SYSTEM ANALYSIS	16	37	3
15BQ1A02A3	RT32025	MANAGEMENT SCIENCE	16	42	3
15BQ1A02A3	RT32026	POWER SEMICONDUCTOR DRIVES	18	30	3
15BQ1A02A3	RT32027	POWER ELECTRONICS LAB	20	22	2
15BQ1A02A3	RT32028	ELECTRICAL MEASUREMENTS LAB	19	18	2
15BQ1A02A4	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A02A4	RT32022	SWITCHGEAR AND PROTECTION	24	45	3
15BQ1A02A4	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	58	3
15BQ1A02A4	RT32024	POWER SYSTEM ANALYSIS	25	51	3
15BQ1A02A4	RT32025	MANAGEMENT SCIENCE	25	59	3
15BQ1A02A4	RT32026	POWER SEMICONDUCTOR DRIVES	27	42	3
15BQ1A02A4	RT32027	POWER ELECTRONICS LAB	23	22	2
15BQ1A02A4	RT32028	ELECTRICAL MEASUREMENTS LAB	23	41	2
15BQ1A02A5	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A02A5	RT32022	SWITCHGEAR AND PROTECTION	21	41	3
15BQ1A02A5	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	31	3
15BQ1A02A5	RT32024	POWER SYSTEM ANALYSIS	26	24	3
15BQ1A02A5	RT32025	MANAGEMENT SCIENCE	23	45	3
15BQ1A02A5	RT32026	POWER SEMICONDUCTOR DRIVES	25	40	3
15BQ1A02A5	RT32027	POWER ELECTRONICS LAB	21	24	2
15BQ1A02A5	RT32028	ELECTRICAL MEASUREMENTS LAB	24	20	2
15BQ1A02A6	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	34	3
15BQ1A02A6	RT32022	SWITCHGEAR AND PROTECTION	22	49	3
15BQ1A02A6	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	49	3
15BQ1A02A6	RT32024	POWER SYSTEM ANALYSIS	24	28	3
15BQ1A02A6	RT32025	MANAGEMENT SCIENCE	24	46	3
15BQ1A02A6	RT32026	POWER SEMICONDUCTOR DRIVES	24	42	3
15BQ1A02A6	RT32027	POWER ELECTRONICS LAB	21	24	2
15BQ1A02A6	RT32028	ELECTRICAL MEASUREMENTS LAB	25	20	2
15BQ1A02A7	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	31	3
15BQ1A02A7	RT32022	SWITCHGEAR AND PROTECTION	24	40	3
15BQ1A02A7	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	24	3
15BQ1A02A7	RT32024	POWER SYSTEM ANALYSIS	22	38	3
15BQ1A02A7	RT32025	MANAGEMENT SCIENCE	22	51	3
15BQ1A02A7	RT32026	POWER SEMICONDUCTOR DRIVES	20	31	3
15BQ1A02A7	RT32027	POWER ELECTRONICS LAB	23	32	2
15BQ1A02A7	RT32028	ELECTRICAL MEASUREMENTS LAB	24	40	2
15BQ1A02A8	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	26	3
15BQ1A02A8	RT32022	SWITCHGEAR AND PROTECTION	23	26	3
15BQ1A02A8	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	52	3
15BQ1A02A8	RT32024	POWER SYSTEM ANALYSIS	21	15	0
15BQ1A02A8	RT32025	MANAGEMENT SCIENCE	23	45	3
15BQ1A02A8	RT32026	POWER SEMICONDUCTOR DRIVES	20	26	3
15BQ1A02A8	RT32027	POWER ELECTRONICS LAB	19	18	2
15BQ1A02A8	RT32028	ELECTRICAL MEASUREMENTS LAB	17	35	2
15BQ1A02A9	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
15BQ1A02A9	RT32022	SWITCHGEAR AND PROTECTION	24	59	3
15BQ1A02A9	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	42	3
15BQ1A02A9	RT32024	POWER SYSTEM ANALYSIS	23	28	3
15BQ1A02A9	RT32025	MANAGEMENT SCIENCE	25	44	3
15BQ1A02A9	RT32026	POWER SEMICONDUCTOR DRIVES	20	46	3
15BQ1A02A9	RT32027	POWER ELECTRONICS LAB	24	34	2
15BQ1A02A9	RT32028	ELECTRICAL MEASUREMENTS LAB	25	22	2
15BQ1A02B0	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	29	3
15BQ1A02B0	RT32022	SWITCHGEAR AND PROTECTION	19	42	3
15BQ1A02B0	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	40	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A02B0	RT32024	POWER SYSTEM ANALYSIS	19	17	0
15BQ1A02B0	RT32025	MANAGEMENT SCIENCE	17	50	3
15BQ1A02B0	RT32026	POWER SEMICONDUCTOR DRIVES	16	17	0
15BQ1A02B0	RT32027	POWER ELECTRONICS LAB	17	25	2
15BQ1A02B0	RT32028	ELECTRICAL MEASUREMENTS LAB	20	18	2
15BQ1A02B1	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	8	0
15BQ1A02B1	RT32022	SWITCHGEAR AND PROTECTION	20	24	3
15BQ1A02B1	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	33	3
15BQ1A02B1	RT32024	POWER SYSTEM ANALYSIS	16	24	3
15BQ1A02B1	RT32025	MANAGEMENT SCIENCE	19	42	3
15BQ1A02B1	RT32026	POWER SEMICONDUCTOR DRIVES	19	17	0
15BQ1A02B1	RT32027	POWER ELECTRONICS LAB	19	22	2
15BQ1A02B1	RT32028	ELECTRICAL MEASUREMENTS LAB	20	18	2
15BQ1A02B2	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	14	0
15BQ1A02B2	RT32022	SWITCHGEAR AND PROTECTION	17	15	0
15BQ1A02B2	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	11	0
15BQ1A02B2	RT32024	POWER SYSTEM ANALYSIS	16	6	0
15BQ1A02B2	RT32025	MANAGEMENT SCIENCE	17	15	0
15BQ1A02B2	RT32026	POWER SEMICONDUCTOR DRIVES	5	0	0
15BQ1A02B2	RT32027	POWER ELECTRONICS LAB	15	18	2
15BQ1A02B2	RT32028	ELECTRICAL MEASUREMENTS LAB	17	18	2
15BQ1A02B3	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15BQ1A02B3	RT32022	SWITCHGEAR AND PROTECTION	16	36	3
15BQ1A02B3	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	25	3
15BQ1A02B3	RT32024	POWER SYSTEM ANALYSIS	16	14	0
15BQ1A02B3	RT32025	MANAGEMENT SCIENCE	17	29	3
15BQ1A02B3	RT32026	POWER SEMICONDUCTOR DRIVES	18	33	3
15BQ1A02B3	RT32027	POWER ELECTRONICS LAB	17	18	2
15BQ1A02B3	RT32028	ELECTRICAL MEASUREMENTS LAB	20	18	2
15BQ1A02B4	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	41	3
15BQ1A02B4	RT32022	SWITCHGEAR AND PROTECTION	20	37	3
15BQ1A02B4	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	27	3
15BQ1A02B4	RT32024	POWER SYSTEM ANALYSIS	21	11	0
15BQ1A02B4	RT32025	MANAGEMENT SCIENCE	23	44	3
15BQ1A02B4	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
15BQ1A02B4	RT32027	POWER ELECTRONICS LAB	23	18	2
15BQ1A02B4	RT32028	ELECTRICAL MEASUREMENTS LAB	19	40	2
15BQ1A02B6	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	11	0
15BQ1A02B6	RT32022	SWITCHGEAR AND PROTECTION	19	24	3
15BQ1A02B6	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	18	0
15BQ1A02B6	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15BQ1A02B6	RT32025	MANAGEMENT SCIENCE	19	36	3
15BQ1A02B6	RT32026	POWER SEMICONDUCTOR DRIVES	18	17	0
15BQ1A02B6	RT32027	POWER ELECTRONICS LAB	19	18	2
15BQ1A02B6	RT32028	ELECTRICAL MEASUREMENTS LAB	23	21	2
15BQ1A0301	RT32031	OPERATIONS RESEARCH	29	51	3
15BQ1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15BQ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	27	38	3
15BQ1A0301	RT32034	ROBOTICS	25	62	3
15BQ1A0301	RT32035	HEAT TRANSFER	22	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	51	3
15BQ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	25	53	3
15BQ1A0301	RT32038	HEAT TRANSFER LAB	24	48	2
15BQ1A0302	RT32031	OPERATIONS RESEARCH	21	12	0
15BQ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
15BQ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	16	41	3
15BQ1A0302	RT32034	ROBOTICS	21	14	0
15BQ1A0302	RT32035	HEAT TRANSFER	16	24	3
15BQ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	13	0
15BQ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
15BQ1A0302	RT32038	HEAT TRANSFER LAB	19	41	2
15BQ1A0303	RT32031	OPERATIONS RESEARCH	23	34	3
15BQ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15BQ1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	25	39	3
15BQ1A0303	RT32034	ROBOTICS	24	54	3
15BQ1A0303	RT32035	HEAT TRANSFER	22	34	3
15BQ1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	52	3
15BQ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
15BQ1A0303	RT32038	HEAT TRANSFER LAB	24	47	2
15BQ1A0304	RT32031	OPERATIONS RESEARCH	19	29	3
15BQ1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	38	3
15BQ1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	24	43	3
15BQ1A0304	RT32034	ROBOTICS	19	34	3
15BQ1A0304	RT32035	HEAT TRANSFER	17	32	3
15BQ1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	33	3
15BQ1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	18	34	3
15BQ1A0304	RT32038	HEAT TRANSFER LAB	22	40	2
15BQ1A0305	RT32031	OPERATIONS RESEARCH	27	51	3
15BQ1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	49	3
15BQ1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	25	43	3
15BQ1A0305	RT32034	ROBOTICS	24	64	3
15BQ1A0305	RT32035	HEAT TRANSFER	26	41	3
15BQ1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	42	3
15BQ1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	24	54	3
15BQ1A0305	RT32038	HEAT TRANSFER LAB	24	49	2
15BQ1A0306	RT32031	OPERATIONS RESEARCH	16	14	0
15BQ1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	10	0
15BQ1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	16	37	3
15BQ1A0306	RT32034	ROBOTICS	10	13	0
15BQ1A0306	RT32035	HEAT TRANSFER	5	35	3
15BQ1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	3	0
15BQ1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	10	30	3
15BQ1A0306	RT32038	HEAT TRANSFER LAB	18	28	2
15BQ1A0307	RT32031	OPERATIONS RESEARCH	23	35	3
15BQ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
15BQ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	22	42	3
15BQ1A0307	RT32034	ROBOTICS	20	29	3
15BQ1A0307	RT32035	HEAT TRANSFER	17	16	0
15BQ1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	45	3
15BQ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	18	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0307	RT32038	HEAT TRANSFER LAB	21	39	2
15BQ1A0308	RT32031	OPERATIONS RESEARCH	27	41	3
15BQ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	44	3
15BQ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	29	28	3
15BQ1A0308	RT32034	ROBOTICS	25	61	3
15BQ1A0308	RT32035	HEAT TRANSFER	26	53	3
15BQ1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	69	3
15BQ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	27	65	3
15BQ1A0308	RT32038	HEAT TRANSFER LAB	25	49	2
15BQ1A0309	RT32031	OPERATIONS RESEARCH	22	36	3
15BQ1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15BQ1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	19	27	3
15BQ1A0309	RT32034	ROBOTICS	23	60	3
15BQ1A0309	RT32035	HEAT TRANSFER	21	38	3
15BQ1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	27	3
15BQ1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	22	42	3
15BQ1A0309	RT32038	HEAT TRANSFER LAB	22	40	2
15BQ1A0310	RT32031	OPERATIONS RESEARCH	26	43	3
15BQ1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
15BQ1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	24	49	3
15BQ1A0310	RT32034	ROBOTICS	24	45	3
15BQ1A0310	RT32035	HEAT TRANSFER	21	52	3
15BQ1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	42	3
15BQ1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	18	48	3
15BQ1A0310	RT32038	HEAT TRANSFER LAB	22	42	2
15BQ1A0311	RT32031	OPERATIONS RESEARCH	25	29	3
15BQ1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
15BQ1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15BQ1A0311	RT32034	ROBOTICS	17	30	3
15BQ1A0311	RT32035	HEAT TRANSFER	16	12	0
15BQ1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	36	3
15BQ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	17	31	3
15BQ1A0311	RT32038	HEAT TRANSFER LAB	18	35	2
15BQ1A0312	RT32031	OPERATIONS RESEARCH	19	24	3
15BQ1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	32	3
15BQ1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	21	26	3
15BQ1A0312	RT32034	ROBOTICS	23	32	3
15BQ1A0312	RT32035	HEAT TRANSFER	16	31	3
15BQ1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	40	3
15BQ1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15BQ1A0312	RT32038	HEAT TRANSFER LAB	23	33	2
15BQ1A0313	RT32031	OPERATIONS RESEARCH	22	29	3
15BQ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15BQ1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	24	44	3
15BQ1A0313	RT32034	ROBOTICS	22	46	3
15BQ1A0313	RT32035	HEAT TRANSFER	18	37	3
15BQ1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
15BQ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	23	35	3
15BQ1A0313	RT32038	HEAT TRANSFER LAB	21	37	2
15BQ1A0314	RT32031	OPERATIONS RESEARCH	26	49	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	36	3
15BQ1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	26	47	3
15BQ1A0314	RT32034	ROBOTICS	24	35	3
15BQ1A0314	RT32035	HEAT TRANSFER	22	61	3
15BQ1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	24	3
15BQ1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	19	49	3
15BQ1A0314	RT32038	HEAT TRANSFER LAB	23	45	2
15BQ1A0315	RT32031	OPERATIONS RESEARCH	28	33	3
15BQ1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
15BQ1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
15BQ1A0315	RT32034	ROBOTICS	24	38	3
15BQ1A0315	RT32035	HEAT TRANSFER	16	35	3
15BQ1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	48	3
15BQ1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	17	44	3
15BQ1A0315	RT32038	HEAT TRANSFER LAB	21	40	2
15BQ1A0316	RT32031	OPERATIONS RESEARCH	16	-1	0
15BQ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	-1	0
15BQ1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	6	-1	0
15BQ1A0316	RT32034	ROBOTICS	5	-1	0
15BQ1A0316	RT32035	HEAT TRANSFER	12	-1	0
15BQ1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	-1	0
15BQ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	14	-1	0
15BQ1A0316	RT32038	HEAT TRANSFER LAB	0	-1	0
15BQ1A0317	RT32031	OPERATIONS RESEARCH	16	35	3
15BQ1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	31	3
15BQ1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	16	32	3
15BQ1A0317	RT32034	ROBOTICS	19	43	3
15BQ1A0317	RT32035	HEAT TRANSFER	16	35	3
15BQ1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
15BQ1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	17	37	3
15BQ1A0317	RT32038	HEAT TRANSFER LAB	18	30	2
15BQ1A0318	RT32031	OPERATIONS RESEARCH	18	16	0
15BQ1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	11	0
15BQ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	17	39	3
15BQ1A0318	RT32034	ROBOTICS	18	28	3
15BQ1A0318	RT32035	HEAT TRANSFER	16	9	0
15BQ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	0	0
15BQ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	16	30	3
15BQ1A0318	RT32038	HEAT TRANSFER LAB	18	28	2
15BQ1A0319	RT32031	OPERATIONS RESEARCH	27	37	3
15BQ1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
15BQ1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	21	30	3
15BQ1A0319	RT32034	ROBOTICS	19	31	3
15BQ1A0319	RT32035	HEAT TRANSFER	19	38	3
15BQ1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
15BQ1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	22	45	3
15BQ1A0319	RT32038	HEAT TRANSFER LAB	22	41	2
15BQ1A0320	RT32031	OPERATIONS RESEARCH	19	11	0
15BQ1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	26	3
15BQ1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	14	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0320	RT32034	ROBOTICS	17	32	3
15BQ1A0320	RT32035	HEAT TRANSFER	16	24	3
15BQ1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	37	3
15BQ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	8	21	0
15BQ1A0320	RT32038	HEAT TRANSFER LAB	12	32	2
15BQ1A0321	RT32031	OPERATIONS RESEARCH	22	57	3
15BQ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	53	3
15BQ1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	26	49	3
15BQ1A0321	RT32034	ROBOTICS	25	64	3
15BQ1A0321	RT32035	HEAT TRANSFER	25	38	3
15BQ1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	38	3
15BQ1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	24	32	3
15BQ1A0321	RT32038	HEAT TRANSFER LAB	23	48	2
15BQ1A0322	RT32031	OPERATIONS RESEARCH	23	37	3
15BQ1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15BQ1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	28	52	3
15BQ1A0322	RT32034	ROBOTICS	25	42	3
15BQ1A0322	RT32035	HEAT TRANSFER	21	54	3
15BQ1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	31	3
15BQ1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	23	51	3
15BQ1A0322	RT32038	HEAT TRANSFER LAB	23	48	2
15BQ1A0323	RT32031	OPERATIONS RESEARCH	16	19	0
15BQ1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	24	3
15BQ1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	16	13	0
15BQ1A0323	RT32034	ROBOTICS	18	24	3
15BQ1A0323	RT32035	HEAT TRANSFER	16	24	3
15BQ1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	28	3
15BQ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	16	7	0
15BQ1A0323	RT32038	HEAT TRANSFER LAB	20	28	2
15BQ1A0324	RT32031	OPERATIONS RESEARCH	20	30	3
15BQ1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	30	3
15BQ1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	18	31	3
15BQ1A0324	RT32034	ROBOTICS	18	33	3
15BQ1A0324	RT32035	HEAT TRANSFER	17	36	3
15BQ1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	54	3
15BQ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
15BQ1A0324	RT32038	HEAT TRANSFER LAB	22	36	2
15BQ1A0325	RT32031	OPERATIONS RESEARCH	18	25	3
15BQ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	36	3
15BQ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15BQ1A0325	RT32034	ROBOTICS	19	46	3
15BQ1A0325	RT32035	HEAT TRANSFER	16	30	3
15BQ1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	34	3
15BQ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
15BQ1A0325	RT32038	HEAT TRANSFER LAB	20	34	2
15BQ1A0326	RT32031	OPERATIONS RESEARCH	24	28	3
15BQ1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
15BQ1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	16	25	3
15BQ1A0326	RT32034	ROBOTICS	19	33	3
15BQ1A0326	RT32035	HEAT TRANSFER	19	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
15BQ1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	17	39	3
15BQ1A0326	RT32038	HEAT TRANSFER LAB	20	39	2
15BQ1A0327	RT32031	OPERATIONS RESEARCH	22	32	3
15BQ1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15BQ1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
15BQ1A0327	RT32034	ROBOTICS	22	43	3
15BQ1A0327	RT32035	HEAT TRANSFER	18	14	0
15BQ1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	51	3
15BQ1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	22	41	3
15BQ1A0327	RT32038	HEAT TRANSFER LAB	21	40	2
15BQ1A0328	RT32031	OPERATIONS RESEARCH	27	43	3
15BQ1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	40	3
15BQ1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	27	36	3
15BQ1A0328	RT32034	ROBOTICS	24	44	3
15BQ1A0328	RT32035	HEAT TRANSFER	23	47	3
15BQ1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	70	3
15BQ1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	23	55	3
15BQ1A0328	RT32038	HEAT TRANSFER LAB	23	43	2
15BQ1A0329	RT32031	OPERATIONS RESEARCH	23	24	3
15BQ1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15BQ1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
15BQ1A0329	RT32034	ROBOTICS	17	29	3
15BQ1A0329	RT32035	HEAT TRANSFER	18	28	3
15BQ1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	14	0
15BQ1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	22	10	0
15BQ1A0329	RT32038	HEAT TRANSFER LAB	21	39	2
15BQ1A0330	RT32031	OPERATIONS RESEARCH	27	62	3
15BQ1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	44	3
15BQ1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	26	56	3
15BQ1A0330	RT32034	ROBOTICS	24	44	3
15BQ1A0330	RT32035	HEAT TRANSFER	25	70	3
15BQ1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	43	3
15BQ1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	27	61	3
15BQ1A0330	RT32038	HEAT TRANSFER LAB	25	49	2
15BQ1A0331	RT32031	OPERATIONS RESEARCH	24	36	3
15BQ1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
15BQ1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	24	41	3
15BQ1A0331	RT32034	ROBOTICS	22	28	3
15BQ1A0331	RT32035	HEAT TRANSFER	16	37	3
15BQ1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	50	3
15BQ1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	19	36	3
15BQ1A0331	RT32038	HEAT TRANSFER LAB	21	38	2
15BQ1A0332	RT32031	OPERATIONS RESEARCH	16	25	3
15BQ1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	34	3
15BQ1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	18	40	3
15BQ1A0332	RT32034	ROBOTICS	18	44	3
15BQ1A0332	RT32035	HEAT TRANSFER	16	35	3
15BQ1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	40	3
15BQ1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	17	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0332	RT32038	HEAT TRANSFER LAB	20	37	2
15BQ1A0333	RT32031	OPERATIONS RESEARCH	20	29	3
15BQ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	12	0
15BQ1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
15BQ1A0333	RT32034	ROBOTICS	17	31	3
15BQ1A0333	RT32035	HEAT TRANSFER	20	24	3
15BQ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	18	0
15BQ1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15BQ1A0333	RT32038	HEAT TRANSFER LAB	19	34	2
15BQ1A0334	RT32031	OPERATIONS RESEARCH	24	53	3
15BQ1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	38	3
15BQ1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	28	45	3
15BQ1A0334	RT32034	ROBOTICS	23	42	3
15BQ1A0334	RT32035	HEAT TRANSFER	25	68	3
15BQ1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	38	3
15BQ1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	24	62	3
15BQ1A0334	RT32038	HEAT TRANSFER LAB	24	47	2
15BQ1A0335	RT32031	OPERATIONS RESEARCH	22	40	3
15BQ1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	28	3
15BQ1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	22	50	3
15BQ1A0335	RT32034	ROBOTICS	26	61	3
15BQ1A0335	RT32035	HEAT TRANSFER	20	38	3
15BQ1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	60	3
15BQ1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	23	70	3
15BQ1A0335	RT32038	HEAT TRANSFER LAB	24	48	2
15BQ1A0336	RT32031	OPERATIONS RESEARCH	23	29	3
15BQ1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	27	3
15BQ1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	18	38	3
15BQ1A0336	RT32034	ROBOTICS	22	36	3
15BQ1A0336	RT32035	HEAT TRANSFER	16	31	3
15BQ1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	47	3
15BQ1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	16	42	3
15BQ1A0336	RT32038	HEAT TRANSFER LAB	21	35	2
15BQ1A0337	RT32031	OPERATIONS RESEARCH	25	57	3
15BQ1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	47	3
15BQ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
15BQ1A0337	RT32034	ROBOTICS	23	55	3
15BQ1A0337	RT32035	HEAT TRANSFER	24	42	3
15BQ1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	34	3
15BQ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	26	45	3
15BQ1A0337	RT32038	HEAT TRANSFER LAB	22	49	2
15BQ1A0338	RT32031	OPERATIONS RESEARCH	18	24	3
15BQ1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	13	0
15BQ1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	17	28	3
15BQ1A0338	RT32034	ROBOTICS	19	24	3
15BQ1A0338	RT32035	HEAT TRANSFER	16	33	3
15BQ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	11	0
15BQ1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
15BQ1A0338	RT32038	HEAT TRANSFER LAB	18	31	2
15BQ1A0339	RT32031	OPERATIONS RESEARCH	16	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	12	0
15BQ1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	16	36	3
15BQ1A0339	RT32034	ROBOTICS	15	36	3
15BQ1A0339	RT32035	HEAT TRANSFER	17	16	0
15BQ1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	40	3
15BQ1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	16	49	3
15BQ1A0339	RT32038	HEAT TRANSFER LAB	21	33	2
15BQ1A0340	RT32031	OPERATIONS RESEARCH	19	32	3
15BQ1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	34	3
15BQ1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
15BQ1A0340	RT32034	ROBOTICS	20	43	3
15BQ1A0340	RT32035	HEAT TRANSFER	18	24	3
15BQ1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	57	3
15BQ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15BQ1A0340	RT32038	HEAT TRANSFER LAB	20	41	2
15BQ1A0341	RT32031	OPERATIONS RESEARCH	19	9	0
15BQ1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	32	3
15BQ1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	16	10	0
15BQ1A0341	RT32034	ROBOTICS	16	35	3
15BQ1A0341	RT32035	HEAT TRANSFER	16	13	0
15BQ1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	17	0
15BQ1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	16	16	0
15BQ1A0341	RT32038	HEAT TRANSFER LAB	12	32	2
15BQ1A0342	RT32031	OPERATIONS RESEARCH	22	36	3
15BQ1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	29	3
15BQ1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	21	51	3
15BQ1A0342	RT32034	ROBOTICS	24	36	3
15BQ1A0342	RT32035	HEAT TRANSFER	16	70	3
15BQ1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	8	0
15BQ1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	19	46	3
15BQ1A0342	RT32038	HEAT TRANSFER LAB	21	42	2
15BQ1A0343	RT32031	OPERATIONS RESEARCH	25	36	3
15BQ1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
15BQ1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	22	42	3
15BQ1A0343	RT32034	ROBOTICS	26	24	3
15BQ1A0343	RT32035	HEAT TRANSFER	24	29	3
15BQ1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	54	3
15BQ1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	19	53	3
15BQ1A0343	RT32038	HEAT TRANSFER LAB	22	47	2
15BQ1A0344	RT32031	OPERATIONS RESEARCH	29	54	3
15BQ1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	53	3
15BQ1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	27	43	3
15BQ1A0344	RT32034	ROBOTICS	25	33	3
15BQ1A0344	RT32035	HEAT TRANSFER	25	39	3
15BQ1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	69	3
15BQ1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	20	52	3
15BQ1A0344	RT32038	HEAT TRANSFER LAB	21	46	2
15BQ1A0345	RT32031	OPERATIONS RESEARCH	16	29	3
15BQ1A0345	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	41	3
15BQ1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	19	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0345	RT32034	ROBOTICS	19	58	3
15BQ1A0345	RT32035	HEAT TRANSFER	16	28	3
15BQ1A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	16	0
15BQ1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
15BQ1A0345	RT32038	HEAT TRANSFER LAB	21	38	2
15BQ1A0346	RT32031	OPERATIONS RESEARCH	11	35	3
15BQ1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	29	3
15BQ1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	17	40	3
15BQ1A0346	RT32034	ROBOTICS	20	30	3
15BQ1A0346	RT32035	HEAT TRANSFER	16	41	3
15BQ1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	31	3
15BQ1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	16	40	3
15BQ1A0346	RT32038	HEAT TRANSFER LAB	20	41	2
15BQ1A0347	RT32031	OPERATIONS RESEARCH	16	30	3
15BQ1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	15	0
15BQ1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
15BQ1A0347	RT32034	ROBOTICS	21	25	3
15BQ1A0347	RT32035	HEAT TRANSFER	17	24	3
15BQ1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	41	3
15BQ1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	18	34	3
15BQ1A0347	RT32038	HEAT TRANSFER LAB	21	32	2
15BQ1A0348	RT32031	OPERATIONS RESEARCH	18	28	3
15BQ1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	42	3
15BQ1A0348	RT32033	DESIGN OF MACHINE MEMBERS II	26	41	3
15BQ1A0348	RT32034	ROBOTICS	25	36	3
15BQ1A0348	RT32035	HEAT TRANSFER	18	29	3
15BQ1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	70	3
15BQ1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15BQ1A0348	RT32038	HEAT TRANSFER LAB	23	42	2
15BQ1A0349	RT32031	OPERATIONS RESEARCH	22	30	3
15BQ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	26	3
15BQ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	21	16	0
15BQ1A0349	RT32034	ROBOTICS	21	50	3
15BQ1A0349	RT32035	HEAT TRANSFER	17	24	3
15BQ1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	15	0
15BQ1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15BQ1A0349	RT32038	HEAT TRANSFER LAB	20	40	2
15BQ1A0350	RT32031	OPERATIONS RESEARCH	21	29	3
15BQ1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
15BQ1A0350	RT32033	DESIGN OF MACHINE MEMBERS II	16	37	3
15BQ1A0350	RT32034	ROBOTICS	21	31	3
15BQ1A0350	RT32035	HEAT TRANSFER	16	24	3
15BQ1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	3	0
15BQ1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
15BQ1A0350	RT32038	HEAT TRANSFER LAB	20	32	2
15BQ1A0351	RT32031	OPERATIONS RESEARCH	27	40	3
15BQ1A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
15BQ1A0351	RT32033	DESIGN OF MACHINE MEMBERS II	28	43	3
15BQ1A0351	RT32034	ROBOTICS	25	34	3
15BQ1A0351	RT32035	HEAT TRANSFER	26	50	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	60	3
15BQ1A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	24	53	3
15BQ1A0351	RT32038	HEAT TRANSFER LAB	23	48	2
15BQ1A0352	RT32031	OPERATIONS RESEARCH	23	27	3
15BQ1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	43	3
15BQ1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	17	44	3
15BQ1A0352	RT32034	ROBOTICS	16	24	3
15BQ1A0352	RT32035	HEAT TRANSFER	16	24	3
15BQ1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	41	3
15BQ1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	17	29	3
15BQ1A0352	RT32038	HEAT TRANSFER LAB	20	38	2
15BQ1A0353	RT32031	OPERATIONS RESEARCH	19	29	3
15BQ1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	27	3
15BQ1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	19	5	0
15BQ1A0353	RT32034	ROBOTICS	19	50	3
15BQ1A0353	RT32035	HEAT TRANSFER	16	14	0
15BQ1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	13	0
15BQ1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
15BQ1A0353	RT32038	HEAT TRANSFER LAB	20	29	2
15BQ1A0354	RT32031	OPERATIONS RESEARCH	0	-1	0
15BQ1A0354	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	-1	0
15BQ1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
15BQ1A0354	RT32034	ROBOTICS	0	-1	0
15BQ1A0354	RT32035	HEAT TRANSFER	0	-1	0
15BQ1A0354	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	0	-1	0
15BQ1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	0	-1	0
15BQ1A0354	RT32038	HEAT TRANSFER LAB	0	-1	0
15BQ1A0355	RT32031	OPERATIONS RESEARCH	17	16	0
15BQ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
15BQ1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	16	5	0
15BQ1A0355	RT32034	ROBOTICS	17	7	0
15BQ1A0355	RT32035	HEAT TRANSFER	16	22	0
15BQ1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	13	0
15BQ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	16	11	0
15BQ1A0355	RT32038	HEAT TRANSFER LAB	18	27	2
15BQ1A0356	RT32031	OPERATIONS RESEARCH	16	3	0
15BQ1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	13	0
15BQ1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	7	40	3
15BQ1A0356	RT32034	ROBOTICS	10	19	0
15BQ1A0356	RT32035	HEAT TRANSFER	10	0	0
15BQ1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	41	3
15BQ1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	9	0	0
15BQ1A0356	RT32038	HEAT TRANSFER LAB	12	-1	0
15BQ1A0357	RT32031	OPERATIONS RESEARCH	18	29	3
15BQ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
15BQ1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	18	27	3
15BQ1A0357	RT32034	ROBOTICS	16	29	3
15BQ1A0357	RT32035	HEAT TRANSFER	16	28	3
15BQ1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	16	0
15BQ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	16	10	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0357	RT32038	HEAT TRANSFER LAB	20	30	2
15BQ1A0358	RT32031	OPERATIONS RESEARCH	15	-1	0
15BQ1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	9	-1	0
15BQ1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	6	-1	0
15BQ1A0358	RT32034	ROBOTICS	2	-1	0
15BQ1A0358	RT32035	HEAT TRANSFER	5	-1	0
15BQ1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	-1	0
15BQ1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	8	-1	0
15BQ1A0358	RT32038	HEAT TRANSFER LAB	0	-1	0
15BQ1A0359	RT32031	OPERATIONS RESEARCH	18	29	3
15BQ1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	14	0
15BQ1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
15BQ1A0359	RT32034	ROBOTICS	22	27	3
15BQ1A0359	RT32035	HEAT TRANSFER	16	12	0
15BQ1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	45	3
15BQ1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15BQ1A0359	RT32038	HEAT TRANSFER LAB	20	35	2
15BQ1A0360	RT32031	OPERATIONS RESEARCH	22	49	3
15BQ1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	36	3
15BQ1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	25	42	3
15BQ1A0360	RT32034	ROBOTICS	23	37	3
15BQ1A0360	RT32035	HEAT TRANSFER	19	29	3
15BQ1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	43	3
15BQ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	19	49	3
15BQ1A0360	RT32038	HEAT TRANSFER LAB	21	39	2
15BQ1A0361	RT32031	OPERATIONS RESEARCH	28	38	3
15BQ1A0361	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	30	3
15BQ1A0361	RT32033	DESIGN OF MACHINE MEMBERS II	29	24	3
15BQ1A0361	RT32034	ROBOTICS	25	57	3
15BQ1A0361	RT32035	HEAT TRANSFER	16	30	3
15BQ1A0361	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	37	3
15BQ1A0361	RT32037A	REFRIGERATION & AIR CONDITIONING	20	39	3
15BQ1A0361	RT32038	HEAT TRANSFER LAB	22	42	2
15BQ1A0362	RT32031	OPERATIONS RESEARCH	18	33	3
15BQ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	10	0
15BQ1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	19	29	3
15BQ1A0362	RT32034	ROBOTICS	20	25	3
15BQ1A0362	RT32035	HEAT TRANSFER	17	34	3
15BQ1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	16	0
15BQ1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3
15BQ1A0362	RT32038	HEAT TRANSFER LAB	21	39	2
15BQ1A0363	RT32031	OPERATIONS RESEARCH	27	32	3
15BQ1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
15BQ1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	26	39	3
15BQ1A0363	RT32034	ROBOTICS	23	30	3
15BQ1A0363	RT32035	HEAT TRANSFER	22	34	3
15BQ1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	52	3
15BQ1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	19	44	3
15BQ1A0363	RT32038	HEAT TRANSFER LAB	21	44	2
15BQ1A0364	RT32031	OPERATIONS RESEARCH	20	20	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	31	3
15BQ1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	18	41	3
15BQ1A0364	RT32034	ROBOTICS	20	34	3
15BQ1A0364	RT32035	HEAT TRANSFER	17	24	3
15BQ1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	35	3
15BQ1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	16	19	0
15BQ1A0364	RT32038	HEAT TRANSFER LAB	20	40	2
15BQ1A0365	RT32031	OPERATIONS RESEARCH	26	41	3
15BQ1A0365	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	35	3
15BQ1A0365	RT32033	DESIGN OF MACHINE MEMBERS II	27	40	3
15BQ1A0365	RT32034	ROBOTICS	24	51	3
15BQ1A0365	RT32035	HEAT TRANSFER	22	33	3
15BQ1A0365	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	35	3
15BQ1A0365	RT32037A	REFRIGERATION & AIR CONDITIONING	23	27	3
15BQ1A0365	RT32038	HEAT TRANSFER LAB	22	46	2
15BQ1A0366	RT32031	OPERATIONS RESEARCH	25	37	3
15BQ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	29	3
15BQ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	24	44	3
15BQ1A0366	RT32034	ROBOTICS	22	36	3
15BQ1A0366	RT32035	HEAT TRANSFER	19	50	3
15BQ1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	16	0
15BQ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	19	48	3
15BQ1A0366	RT32038	HEAT TRANSFER LAB	23	39	2
15BQ1A0367	RT32031	OPERATIONS RESEARCH	17	14	0
15BQ1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
15BQ1A0367	RT32033	DESIGN OF MACHINE MEMBERS II	16	27	3
15BQ1A0367	RT32034	ROBOTICS	16	11	0
15BQ1A0367	RT32035	HEAT TRANSFER	16	9	0
15BQ1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	34	3
15BQ1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	5	8	0
15BQ1A0367	RT32038	HEAT TRANSFER LAB	18	27	2
15BQ1A0369	RT32031	OPERATIONS RESEARCH	26	26	3
15BQ1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	38	3
15BQ1A0369	RT32033	DESIGN OF MACHINE MEMBERS II	23	47	3
15BQ1A0369	RT32034	ROBOTICS	20	24	3
15BQ1A0369	RT32035	HEAT TRANSFER	19	16	0
15BQ1A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	47	3
15BQ1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
15BQ1A0369	RT32038	HEAT TRANSFER LAB	21	41	2
15BQ1A0370	RT32031	OPERATIONS RESEARCH	26	44	3
15BQ1A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	30	3
15BQ1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	24	40	3
15BQ1A0370	RT32034	ROBOTICS	22	47	3
15BQ1A0370	RT32035	HEAT TRANSFER	21	38	3
15BQ1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	17	0
15BQ1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	22	42	3
15BQ1A0370	RT32038	HEAT TRANSFER LAB	22	42	2
15BQ1A0371	RT32031	OPERATIONS RESEARCH	16	36	3
15BQ1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
15BQ1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	20	49	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0371	RT32034	ROBOTICS	21	35	3
15BQ1A0371	RT32035	HEAT TRANSFER	17	45	3
15BQ1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	39	3
15BQ1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	17	37	3
15BQ1A0371	RT32038	HEAT TRANSFER LAB	21	40	2
15BQ1A0372	RT32031	OPERATIONS RESEARCH	24	28	3
15BQ1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	13	0
15BQ1A0372	RT32033	DESIGN OF MACHINE MEMBERS II	27	29	3
15BQ1A0372	RT32034	ROBOTICS	19	4	0
15BQ1A0372	RT32035	HEAT TRANSFER	16	14	0
15BQ1A0372	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
15BQ1A0372	RT32037A	REFRIGERATION & AIR CONDITIONING	17	43	3
15BQ1A0372	RT32038	HEAT TRANSFER LAB	20	36	2
15BQ1A0373	RT32031	OPERATIONS RESEARCH	16	24	3
15BQ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	38	3
15BQ1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
15BQ1A0373	RT32034	ROBOTICS	20	32	3
15BQ1A0373	RT32035	HEAT TRANSFER	16	7	0
15BQ1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	25	3
15BQ1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
15BQ1A0373	RT32038	HEAT TRANSFER LAB	20	37	2
15BQ1A0374	RT32031	OPERATIONS RESEARCH	27	37	3
15BQ1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	41	3
15BQ1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	26	40	3
15BQ1A0374	RT32034	ROBOTICS	26	43	3
15BQ1A0374	RT32035	HEAT TRANSFER	23	39	3
15BQ1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	41	3
15BQ1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	22	53	3
15BQ1A0374	RT32038	HEAT TRANSFER LAB	21	45	2
15BQ1A0375	RT32031	OPERATIONS RESEARCH	27	24	3
15BQ1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15BQ1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	21	46	3
15BQ1A0375	RT32034	ROBOTICS	23	35	3
15BQ1A0375	RT32035	HEAT TRANSFER	21	58	3
15BQ1A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	13	0
15BQ1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	23	52	3
15BQ1A0375	RT32038	HEAT TRANSFER LAB	23	40	2
15BQ1A0376	RT32031	OPERATIONS RESEARCH	19	39	3
15BQ1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	13	0
15BQ1A0376	RT32033	DESIGN OF MACHINE MEMBERS II	16	43	3
15BQ1A0376	RT32034	ROBOTICS	20	24	3
15BQ1A0376	RT32035	HEAT TRANSFER	17	11	0
15BQ1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	44	3
15BQ1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	17	32	3
15BQ1A0376	RT32038	HEAT TRANSFER LAB	19	36	2
15BQ1A0377	RT32031	OPERATIONS RESEARCH	26	43	3
15BQ1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	49	3
15BQ1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	25	34	3
15BQ1A0377	RT32034	ROBOTICS	23	36	3
15BQ1A0377	RT32035	HEAT TRANSFER	22	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	56	3
15BQ1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	21	43	3
15BQ1A0377	RT32038	HEAT TRANSFER LAB	21	43	2
15BQ1A0378	RT32031	OPERATIONS RESEARCH	17	11	0
15BQ1A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	28	3
15BQ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	16	17	0
15BQ1A0378	RT32034	ROBOTICS	16	53	3
15BQ1A0378	RT32035	HEAT TRANSFER	16	7	0
15BQ1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	16	0
15BQ1A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	16	11	0
15BQ1A0378	RT32038	HEAT TRANSFER LAB	19	26	2
15BQ1A0380	RT32031	OPERATIONS RESEARCH	16	6	0
15BQ1A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
15BQ1A0380	RT32033	DESIGN OF MACHINE MEMBERS II	16	45	3
15BQ1A0380	RT32034	ROBOTICS	16	10	0
15BQ1A0380	RT32035	HEAT TRANSFER	10	7	0
15BQ1A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	11	0
15BQ1A0380	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15BQ1A0380	RT32038	HEAT TRANSFER LAB	21	38	2
15BQ1A0381	RT32031	OPERATIONS RESEARCH	24	26	3
15BQ1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	17	0
15BQ1A0381	RT32033	DESIGN OF MACHINE MEMBERS II	21	33	3
15BQ1A0381	RT32034	ROBOTICS	20	24	3
15BQ1A0381	RT32035	HEAT TRANSFER	23	17	0
15BQ1A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	39	3
15BQ1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	22	11	0
15BQ1A0381	RT32038	HEAT TRANSFER LAB	19	35	2
15BQ1A0382	RT32031	OPERATIONS RESEARCH	26	48	3
15BQ1A0382	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	49	3
15BQ1A0382	RT32033	DESIGN OF MACHINE MEMBERS II	18	42	3
15BQ1A0382	RT32034	ROBOTICS	21	45	3
15BQ1A0382	RT32035	HEAT TRANSFER	17	39	3
15BQ1A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	52	3
15BQ1A0382	RT32037A	REFRIGERATION & AIR CONDITIONING	17	54	3
15BQ1A0382	RT32038	HEAT TRANSFER LAB	21	45	2
15BQ1A0383	RT32031	OPERATIONS RESEARCH	27	40	3
15BQ1A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
15BQ1A0383	RT32033	DESIGN OF MACHINE MEMBERS II	21	44	3
15BQ1A0383	RT32034	ROBOTICS	21	49	3
15BQ1A0383	RT32035	HEAT TRANSFER	21	37	3
15BQ1A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
15BQ1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	16	44	3
15BQ1A0383	RT32038	HEAT TRANSFER LAB	23	45	2
15BQ1A0385	RT32031	OPERATIONS RESEARCH	26	41	3
15BQ1A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	38	3
15BQ1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	26	40	3
15BQ1A0385	RT32034	ROBOTICS	21	42	3
15BQ1A0385	RT32035	HEAT TRANSFER	23	55	3
15BQ1A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	38	3
15BQ1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	23	51	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0385	RT32038	HEAT TRANSFER LAB	23	43	2
15BQ1A0387	RT32031	OPERATIONS RESEARCH	28	30	3
15BQ1A0387	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	24	3
15BQ1A0387	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
15BQ1A0387	RT32034	ROBOTICS	22	15	0
15BQ1A0387	RT32035	HEAT TRANSFER	23	14	0
15BQ1A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	28	3
15BQ1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	18	47	3
15BQ1A0387	RT32038	HEAT TRANSFER LAB	21	39	2
15BQ1A0388	RT32031	OPERATIONS RESEARCH	21	34	3
15BQ1A0388	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	35	3
15BQ1A0388	RT32033	DESIGN OF MACHINE MEMBERS II	20	41	3
15BQ1A0388	RT32034	ROBOTICS	23	44	3
15BQ1A0388	RT32035	HEAT TRANSFER	17	32	3
15BQ1A0388	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	50	3
15BQ1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
15BQ1A0388	RT32038	HEAT TRANSFER LAB	19	37	2
15BQ1A0389	RT32031	OPERATIONS RESEARCH	16	40	3
15BQ1A0389	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
15BQ1A0389	RT32033	DESIGN OF MACHINE MEMBERS II	23	36	3
15BQ1A0389	RT32034	ROBOTICS	21	58	3
15BQ1A0389	RT32035	HEAT TRANSFER	16	34	3
15BQ1A0389	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	46	3
15BQ1A0389	RT32037A	REFRIGERATION & AIR CONDITIONING	23	40	3
15BQ1A0389	RT32038	HEAT TRANSFER LAB	20	44	2
15BQ1A0390	RT32031	OPERATIONS RESEARCH	16	0	0
15BQ1A0390	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	6	0
15BQ1A0390	RT32033	DESIGN OF MACHINE MEMBERS II	16	12	0
15BQ1A0390	RT32034	ROBOTICS	16	3	0
15BQ1A0390	RT32035	HEAT TRANSFER	16	0	0
15BQ1A0390	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	0	0
15BQ1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	16	5	0
15BQ1A0390	RT32038	HEAT TRANSFER LAB	16	-1	0
15BQ1A0391	RT32031	OPERATIONS RESEARCH	25	40	3
15BQ1A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15BQ1A0391	RT32033	DESIGN OF MACHINE MEMBERS II	28	42	3
15BQ1A0391	RT32034	ROBOTICS	23	27	3
15BQ1A0391	RT32035	HEAT TRANSFER	22	24	3
15BQ1A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	51	3
15BQ1A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	23	47	3
15BQ1A0391	RT32038	HEAT TRANSFER LAB	21	43	2
15BQ1A0392	RT32031	OPERATIONS RESEARCH	16	29	3
15BQ1A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	29	3
15BQ1A0392	RT32033	DESIGN OF MACHINE MEMBERS II	16	44	3
15BQ1A0392	RT32034	ROBOTICS	18	31	3
15BQ1A0392	RT32035	HEAT TRANSFER	18	6	0
15BQ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	17	0
15BQ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	16	5	0
15BQ1A0392	RT32038	HEAT TRANSFER LAB	20	34	2
15BQ1A0393	RT32031	OPERATIONS RESEARCH	25	57	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	36	3
15BQ1A0393	RT32033	DESIGN OF MACHINE MEMBERS II	25	36	3
15BQ1A0393	RT32034	ROBOTICS	22	58	3
15BQ1A0393	RT32035	HEAT TRANSFER	22	37	3
15BQ1A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	28	3
15BQ1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	19	32	3
15BQ1A0393	RT32038	HEAT TRANSFER LAB	21	42	2
15BQ1A0394	RT32031	OPERATIONS RESEARCH	26	31	3
15BQ1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15BQ1A0394	RT32033	DESIGN OF MACHINE MEMBERS II	24	56	3
15BQ1A0394	RT32034	ROBOTICS	25	42	3
15BQ1A0394	RT32035	HEAT TRANSFER	20	62	3
15BQ1A0394	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	33	3
15BQ1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	21	42	3
15BQ1A0394	RT32038	HEAT TRANSFER LAB	23	45	2
15BQ1A0395	RT32031	OPERATIONS RESEARCH	18	40	3
15BQ1A0395	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
15BQ1A0395	RT32033	DESIGN OF MACHINE MEMBERS II	24	48	3
15BQ1A0395	RT32034	ROBOTICS	22	37	3
15BQ1A0395	RT32035	HEAT TRANSFER	20	24	3
15BQ1A0395	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	55	3
15BQ1A0395	RT32037A	REFRIGERATION & AIR CONDITIONING	23	53	3
15BQ1A0395	RT32038	HEAT TRANSFER LAB	21	45	2
15BQ1A0396	RT32031	OPERATIONS RESEARCH	22	15	0
15BQ1A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	-1	0
15BQ1A0396	RT32033	DESIGN OF MACHINE MEMBERS II	25	29	3
15BQ1A0396	RT32034	ROBOTICS	23	27	3
15BQ1A0396	RT32035	HEAT TRANSFER	20	24	3
15BQ1A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	13	0
15BQ1A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	18	16	0
15BQ1A0396	RT32038	HEAT TRANSFER LAB	19	39	2
15BQ1A0397	RT32031	OPERATIONS RESEARCH	19	24	3
15BQ1A0397	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	11	0
15BQ1A0397	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
15BQ1A0397	RT32034	ROBOTICS	14	32	3
15BQ1A0397	RT32035	HEAT TRANSFER	17	24	3
15BQ1A0397	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	31	3
15BQ1A0397	RT32037A	REFRIGERATION & AIR CONDITIONING	16	14	0
15BQ1A0397	RT32038	HEAT TRANSFER LAB	21	32	2
15BQ1A0398	RT32031	OPERATIONS RESEARCH	29	43	3
15BQ1A0398	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	41	3
15BQ1A0398	RT32033	DESIGN OF MACHINE MEMBERS II	26	52	3
15BQ1A0398	RT32034	ROBOTICS	23	43	3
15BQ1A0398	RT32035	HEAT TRANSFER	26	70	3
15BQ1A0398	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	47	3
15BQ1A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	24	57	3
15BQ1A0398	RT32038	HEAT TRANSFER LAB	23	48	2
15BQ1A0399	RT32031	OPERATIONS RESEARCH	21	40	3
15BQ1A0399	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
15BQ1A0399	RT32033	DESIGN OF MACHINE MEMBERS II	21	37	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0399	RT32034	ROBOTICS	24	24	3
15BQ1A0399	RT32035	HEAT TRANSFER	23	33	3
15BQ1A0399	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	47	3
15BQ1A0399	RT32037A	REFRIGERATION & AIR CONDITIONING	24	40	3
15BQ1A0399	RT32038	HEAT TRANSFER LAB	21	45	2
15BQ1A03A1	RT32031	OPERATIONS RESEARCH	22	30	3
15BQ1A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
15BQ1A03A1	RT32033	DESIGN OF MACHINE MEMBERS II	18	30	3
15BQ1A03A1	RT32034	ROBOTICS	19	30	3
15BQ1A03A1	RT32035	HEAT TRANSFER	17	30	3
15BQ1A03A1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
15BQ1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	16	28	3
15BQ1A03A1	RT32038	HEAT TRANSFER LAB	21	40	2
15BQ1A03A2	RT32031	OPERATIONS RESEARCH	25	38	3
15BQ1A03A2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	39	3
15BQ1A03A2	RT32033	DESIGN OF MACHINE MEMBERS II	22	30	3
15BQ1A03A2	RT32034	ROBOTICS	22	58	3
15BQ1A03A2	RT32035	HEAT TRANSFER	20	30	3
15BQ1A03A2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
15BQ1A03A2	RT32037A	REFRIGERATION & AIR CONDITIONING	20	48	3
15BQ1A03A2	RT32038	HEAT TRANSFER LAB	22	40	2
15BQ1A03A3	RT32031	OPERATIONS RESEARCH	27	42	3
15BQ1A03A3	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	41	3
15BQ1A03A3	RT32033	DESIGN OF MACHINE MEMBERS II	23	47	3
15BQ1A03A3	RT32034	ROBOTICS	20	39	3
15BQ1A03A3	RT32035	HEAT TRANSFER	20	55	3
15BQ1A03A3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	39	3
15BQ1A03A3	RT32037A	REFRIGERATION & AIR CONDITIONING	19	33	3
15BQ1A03A3	RT32038	HEAT TRANSFER LAB	22	46	2
15BQ1A03A4	RT32031	OPERATIONS RESEARCH	25	33	3
15BQ1A03A4	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	17	0
15BQ1A03A4	RT32033	DESIGN OF MACHINE MEMBERS II	23	43	3
15BQ1A03A4	RT32034	ROBOTICS	20	30	3
15BQ1A03A4	RT32035	HEAT TRANSFER	24	35	3
15BQ1A03A4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	54	3
15BQ1A03A4	RT32037A	REFRIGERATION & AIR CONDITIONING	25	70	3
15BQ1A03A4	RT32038	HEAT TRANSFER LAB	19	45	2
15BQ1A03A5	RT32031	OPERATIONS RESEARCH	28	34	3
15BQ1A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	49	3
15BQ1A03A5	RT32033	DESIGN OF MACHINE MEMBERS II	20	43	3
15BQ1A03A5	RT32034	ROBOTICS	20	35	3
15BQ1A03A5	RT32035	HEAT TRANSFER	18	38	3
15BQ1A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	44	3
15BQ1A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15BQ1A03A5	RT32038	HEAT TRANSFER LAB	21	40	2
15BQ1A03A6	RT32031	OPERATIONS RESEARCH	12	13	0
15BQ1A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	9	10	0
15BQ1A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	9	3	0
15BQ1A03A6	RT32034	ROBOTICS	14	44	3
15BQ1A03A6	RT32035	HEAT TRANSFER	5	10	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A03A6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	13	0
15BQ1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	7	4	0
15BQ1A03A6	RT32038	HEAT TRANSFER LAB	19	25	2
15BQ1A03A7	RT32031	OPERATIONS RESEARCH	23	17	0
15BQ1A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15BQ1A03A7	RT32033	DESIGN OF MACHINE MEMBERS II	19	36	3
15BQ1A03A7	RT32034	ROBOTICS	21	28	3
15BQ1A03A7	RT32035	HEAT TRANSFER	17	7	0
15BQ1A03A7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	31	3
15BQ1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	17	8	0
15BQ1A03A7	RT32038	HEAT TRANSFER LAB	12	41	2
15BQ1A03A8	RT32031	OPERATIONS RESEARCH	16	16	0
15BQ1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	13	0
15BQ1A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	16	19	0
15BQ1A03A8	RT32034	ROBOTICS	14	26	3
15BQ1A03A8	RT32035	HEAT TRANSFER	17	9	0
15BQ1A03A8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	25	3
15BQ1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	16	7	0
15BQ1A03A8	RT32038	HEAT TRANSFER LAB	19	28	2
15BQ1A03A9	RT32031	OPERATIONS RESEARCH	25	65	3
15BQ1A03A9	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	70	3
15BQ1A03A9	RT32033	DESIGN OF MACHINE MEMBERS II	29	46	3
15BQ1A03A9	RT32034	ROBOTICS	23	46	3
15BQ1A03A9	RT32035	HEAT TRANSFER	24	35	3
15BQ1A03A9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	65	3
15BQ1A03A9	RT32037A	REFRIGERATION & AIR CONDITIONING	22	51	3
15BQ1A03A9	RT32038	HEAT TRANSFER LAB	21	49	2
15BQ1A03B0	RT32031	OPERATIONS RESEARCH	28	38	3
15BQ1A03B0	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	53	3
15BQ1A03B0	RT32033	DESIGN OF MACHINE MEMBERS II	25	42	3
15BQ1A03B0	RT32034	ROBOTICS	20	70	3
15BQ1A03B0	RT32035	HEAT TRANSFER	23	31	3
15BQ1A03B0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	35	3
15BQ1A03B0	RT32037A	REFRIGERATION & AIR CONDITIONING	23	32	3
15BQ1A03B0	RT32038	HEAT TRANSFER LAB	23	46	2
15BQ1A03B1	RT32031	OPERATIONS RESEARCH	23	38	3
15BQ1A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	32	3
15BQ1A03B1	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
15BQ1A03B1	RT32034	ROBOTICS	25	41	3
15BQ1A03B1	RT32035	HEAT TRANSFER	22	46	3
15BQ1A03B1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	11	0
15BQ1A03B1	RT32037A	REFRIGERATION & AIR CONDITIONING	19	48	3
15BQ1A03B1	RT32038	HEAT TRANSFER LAB	19	45	2
15BQ1A03B2	RT32031	OPERATIONS RESEARCH	17	33	3
15BQ1A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
15BQ1A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	18	31	3
15BQ1A03B2	RT32034	ROBOTICS	18	15	0
15BQ1A03B2	RT32035	HEAT TRANSFER	16	14	0
15BQ1A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	40	3
15BQ1A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A03B2	RT32038	HEAT TRANSFER LAB	18	29	2
15BQ1A03B3	RT32031	OPERATIONS RESEARCH	24	10	0
15BQ1A03B3	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
15BQ1A03B3	RT32033	DESIGN OF MACHINE MEMBERS II	19	41	3
15BQ1A03B3	RT32034	ROBOTICS	19	31	3
15BQ1A03B3	RT32035	HEAT TRANSFER	18	24	3
15BQ1A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	40	3
15BQ1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	15	13	0
15BQ1A03B3	RT32038	HEAT TRANSFER LAB	23	44	2
15BQ1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	36	3
15BQ1A0401	RT32042	DIGITAL SIGNAL PROCESSING	26	47	3
15BQ1A0401	RT32043	DIGITAL COMMUNICATIONS	25	30	3
15BQ1A0401	RT32044	MICROWAVE ENGINEERING	22	27	3
15BQ1A0401	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15BQ1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	39	2
15BQ1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BQ1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	31	2
15BQ1A0401	RT32049	SEMINAR	43	0	1
15BQ1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	40	3
15BQ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
15BQ1A0402	RT32043	DIGITAL COMMUNICATIONS	26	24	3
15BQ1A0402	RT32044	MICROWAVE ENGINEERING	25	41	3
15BQ1A0402	RT32045A	BIO MEDICAL ENGINEERING	17	49	3
15BQ1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
15BQ1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15BQ1A0402	RT32049	SEMINAR	42	0	1
15BQ1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	38	3
15BQ1A0403	RT32042	DIGITAL SIGNAL PROCESSING	19	25	3
15BQ1A0403	RT32043	DIGITAL COMMUNICATIONS	26	40	3
15BQ1A0403	RT32044	MICROWAVE ENGINEERING	23	26	3
15BQ1A0403	RT32045A	BIO MEDICAL ENGINEERING	21	51	3
15BQ1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BQ1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	20	47	2
15BQ1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15BQ1A0403	RT32049	SEMINAR	43	0	1
15BQ1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15BQ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	20	15	0
15BQ1A0404	RT32043	DIGITAL COMMUNICATIONS	24	29	3
15BQ1A0404	RT32044	MICROWAVE ENGINEERING	18	16	0
15BQ1A0404	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15BQ1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15BQ1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	17	22	2
15BQ1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	39	2
15BQ1A0404	RT32049	SEMINAR	39	0	1
15BQ1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	39	3
15BQ1A0405	RT32042	DIGITAL SIGNAL PROCESSING	20	33	3
15BQ1A0405	RT32043	DIGITAL COMMUNICATIONS	20	34	3
15BQ1A0405	RT32044	MICROWAVE ENGINEERING	20	50	3
15BQ1A0405	RT32045A	BIO MEDICAL ENGINEERING	16	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15BQ1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15BQ1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	39	2
15BQ1A0405	RT32049	SEMINAR	40	0	1
15BQ1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	30	3
15BQ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	18	17	0
15BQ1A0406	RT32043	DIGITAL COMMUNICATIONS	16	1	0
15BQ1A0406	RT32044	MICROWAVE ENGINEERING	17	32	3
15BQ1A0406	RT32045A	BIO MEDICAL ENGINEERING	16	36	3
15BQ1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15BQ1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15BQ1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	28	2
15BQ1A0406	RT32049	SEMINAR	39	0	1
15BQ1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	38	3
15BQ1A0407	RT32042	DIGITAL SIGNAL PROCESSING	24	27	3
15BQ1A0407	RT32043	DIGITAL COMMUNICATIONS	23	43	3
15BQ1A0407	RT32044	MICROWAVE ENGINEERING	21	26	3
15BQ1A0407	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15BQ1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	43	2
15BQ1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BQ1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15BQ1A0407	RT32049	SEMINAR	40	0	1
15BQ1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	55	3
15BQ1A0408	RT32042	DIGITAL SIGNAL PROCESSING	26	44	3
15BQ1A0408	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15BQ1A0408	RT32044	MICROWAVE ENGINEERING	25	34	3
15BQ1A0408	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
15BQ1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15BQ1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	45	2
15BQ1A0408	RT32049	SEMINAR	49	0	1
15BQ1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	32	3
15BQ1A0409	RT32042	DIGITAL SIGNAL PROCESSING	27	59	3
15BQ1A0409	RT32043	DIGITAL COMMUNICATIONS	28	36	3
15BQ1A0409	RT32044	MICROWAVE ENGINEERING	27	24	3
15BQ1A0409	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
15BQ1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
15BQ1A0409	RT32049	SEMINAR	48	0	1
15BQ1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	45	3
15BQ1A0410	RT32042	DIGITAL SIGNAL PROCESSING	26	33	3
15BQ1A0410	RT32043	DIGITAL COMMUNICATIONS	28	42	3
15BQ1A0410	RT32044	MICROWAVE ENGINEERING	25	58	3
15BQ1A0410	RT32045A	BIO MEDICAL ENGINEERING	20	50	3
15BQ1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BQ1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	49	2
15BQ1A0410	RT32049	SEMINAR	45	0	1
15BQ1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0411	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
15BQ1A0411	RT32043	DIGITAL COMMUNICATIONS	21	24	3
15BQ1A0411	RT32044	MICROWAVE ENGINEERING	18	10	0
15BQ1A0411	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
15BQ1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15BQ1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15BQ1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	36	2
15BQ1A0411	RT32049	SEMINAR	42	0	1
15BQ1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	31	3
15BQ1A0412	RT32042	DIGITAL SIGNAL PROCESSING	17	26	3
15BQ1A0412	RT32043	DIGITAL COMMUNICATIONS	19	29	3
15BQ1A0412	RT32044	MICROWAVE ENGINEERING	20	17	0
15BQ1A0412	RT32045A	BIO MEDICAL ENGINEERING	17	15	0
15BQ1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2
15BQ1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	17	45	2
15BQ1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	32	2
15BQ1A0412	RT32049	SEMINAR	39	0	1
15BQ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15BQ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	19	29	3
15BQ1A0413	RT32043	DIGITAL COMMUNICATIONS	22	30	3
15BQ1A0413	RT32044	MICROWAVE ENGINEERING	18	8	0
15BQ1A0413	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15BQ1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15BQ1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	22	2
15BQ1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	46	2
15BQ1A0413	RT32049	SEMINAR	40	0	1
15BQ1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	45	3
15BQ1A0414	RT32042	DIGITAL SIGNAL PROCESSING	21	38	3
15BQ1A0414	RT32043	DIGITAL COMMUNICATIONS	19	33	3
15BQ1A0414	RT32044	MICROWAVE ENGINEERING	18	44	3
15BQ1A0414	RT32045A	BIO MEDICAL ENGINEERING	20	45	3
15BQ1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15BQ1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	19	28	2
15BQ1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15BQ1A0414	RT32049	SEMINAR	40	0	1
15BQ1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	46	3
15BQ1A0415	RT32042	DIGITAL SIGNAL PROCESSING	28	45	3
15BQ1A0415	RT32043	DIGITAL COMMUNICATIONS	27	57	3
15BQ1A0415	RT32044	MICROWAVE ENGINEERING	28	43	3
15BQ1A0415	RT32045A	BIO MEDICAL ENGINEERING	28	61	3
15BQ1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BQ1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15BQ1A0415	RT32049	SEMINAR	49	0	1
15BQ1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	34	3
15BQ1A0416	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BQ1A0416	RT32043	DIGITAL COMMUNICATIONS	21	30	3
15BQ1A0416	RT32044	MICROWAVE ENGINEERING	17	42	3
15BQ1A0416	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15BQ1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	22	33	2
15BQ1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	35	2
15BQ1A0416	RT32049	SEMINAR	40	0	1
15BQ1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15BQ1A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	52	3
15BQ1A0417	RT32043	DIGITAL COMMUNICATIONS	24	33	3
15BQ1A0417	RT32044	MICROWAVE ENGINEERING	18	13	0
15BQ1A0417	RT32045A	BIO MEDICAL ENGINEERING	18	13	0
15BQ1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15BQ1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15BQ1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	36	2
15BQ1A0417	RT32049	SEMINAR	42	0	1
15BQ1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	40	3
15BQ1A0418	RT32042	DIGITAL SIGNAL PROCESSING	18	31	3
15BQ1A0418	RT32043	DIGITAL COMMUNICATIONS	16	36	3
15BQ1A0418	RT32044	MICROWAVE ENGINEERING	17	28	3
15BQ1A0418	RT32045A	BIO MEDICAL ENGINEERING	17	43	3
15BQ1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15BQ1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BQ1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
15BQ1A0418	RT32049	SEMINAR	41	0	1
15BQ1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	12	0
15BQ1A0419	RT32042	DIGITAL SIGNAL PROCESSING	16	7	0
15BQ1A0419	RT32043	DIGITAL COMMUNICATIONS	16	7	0
15BQ1A0419	RT32044	MICROWAVE ENGINEERING	16	0	0
15BQ1A0419	RT32045A	BIO MEDICAL ENGINEERING	16	6	0
15BQ1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	36	2
15BQ1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	18	22	2
15BQ1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	-1	0
15BQ1A0419	RT32049	SEMINAR	37	0	1
15BQ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	12	0
15BQ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15BQ1A0420	RT32043	DIGITAL COMMUNICATIONS	26	24	3
15BQ1A0420	RT32044	MICROWAVE ENGINEERING	25	28	3
15BQ1A0420	RT32045A	BIO MEDICAL ENGINEERING	25	25	3
15BQ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BQ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	49	2
15BQ1A0420	RT32049	SEMINAR	41	0	1
15BQ1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
15BQ1A0421	RT32042	DIGITAL SIGNAL PROCESSING	25	51	3
15BQ1A0421	RT32043	DIGITAL COMMUNICATIONS	26	39	3
15BQ1A0421	RT32044	MICROWAVE ENGINEERING	23	28	3
15BQ1A0421	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
15BQ1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15BQ1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15BQ1A0421	RT32049	SEMINAR	45	0	1
15BQ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	44	3
15BQ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0422	RT32043	DIGITAL COMMUNICATIONS	27	67	3
15BQ1A0422	RT32044	MICROWAVE ENGINEERING	25	69	3
15BQ1A0422	RT32045A	BIO MEDICAL ENGINEERING	24	55	3
15BQ1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BQ1A0422	RT32049	SEMINAR	48	0	1
15BQ1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	45	3
15BQ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15BQ1A0423	RT32043	DIGITAL COMMUNICATIONS	24	34	3
15BQ1A0423	RT32044	MICROWAVE ENGINEERING	25	38	3
15BQ1A0423	RT32045A	BIO MEDICAL ENGINEERING	22	62	3
15BQ1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	25	45	2
15BQ1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15BQ1A0423	RT32049	SEMINAR	44	0	1
15BQ1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	16	0
15BQ1A0424	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
15BQ1A0424	RT32043	DIGITAL COMMUNICATIONS	21	30	3
15BQ1A0424	RT32044	MICROWAVE ENGINEERING	22	43	3
15BQ1A0424	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
15BQ1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BQ1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15BQ1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	41	2
15BQ1A0424	RT32049	SEMINAR	43	0	1
15BQ1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	31	3
15BQ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
15BQ1A0425	RT32043	DIGITAL COMMUNICATIONS	24	36	3
15BQ1A0425	RT32044	MICROWAVE ENGINEERING	24	26	3
15BQ1A0425	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
15BQ1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15BQ1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15BQ1A0425	RT32049	SEMINAR	43	0	1
15BQ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	46	3
15BQ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	26	49	3
15BQ1A0426	RT32043	DIGITAL COMMUNICATIONS	26	56	3
15BQ1A0426	RT32044	MICROWAVE ENGINEERING	27	64	3
15BQ1A0426	RT32045A	BIO MEDICAL ENGINEERING	28	70	3
15BQ1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BQ1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15BQ1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15BQ1A0426	RT32049	SEMINAR	47	0	1
15BQ1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	53	3
15BQ1A0427	RT32042	DIGITAL SIGNAL PROCESSING	29	50	3
15BQ1A0427	RT32043	DIGITAL COMMUNICATIONS	28	58	3
15BQ1A0427	RT32044	MICROWAVE ENGINEERING	25	63	3
15BQ1A0427	RT32045A	BIO MEDICAL ENGINEERING	27	63	3
15BQ1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	25	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BQ1A0427	RT32049	SEMINAR	49	0	1
15BQ1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	53	3
15BQ1A0428	RT32042	DIGITAL SIGNAL PROCESSING	23	37	3
15BQ1A0428	RT32043	DIGITAL COMMUNICATIONS	25	43	3
15BQ1A0428	RT32044	MICROWAVE ENGINEERING	26	43	3
15BQ1A0428	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
15BQ1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15BQ1A0428	RT32049	SEMINAR	42	0	1
15BQ1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	6	-1	0
15BQ1A0429	RT32042	DIGITAL SIGNAL PROCESSING	11	-1	0
15BQ1A0429	RT32043	DIGITAL COMMUNICATIONS	5	-1	0
15BQ1A0429	RT32044	MICROWAVE ENGINEERING	13	-1	0
15BQ1A0429	RT32045A	BIO MEDICAL ENGINEERING	4	-1	0
15BQ1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15BQ1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	0	-1	0
15BQ1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	0	-1	0
15BQ1A0429	RT32049	SEMINAR	-1	0	0
15BQ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	43	3
15BQ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	26	36	3
15BQ1A0430	RT32043	DIGITAL COMMUNICATIONS	26	47	3
15BQ1A0430	RT32044	MICROWAVE ENGINEERING	23	39	3
15BQ1A0430	RT32045A	BIO MEDICAL ENGINEERING	23	50	3
15BQ1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15BQ1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BQ1A0430	RT32049	SEMINAR	45	0	1
15BQ1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	38	3
15BQ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	21	46	3
15BQ1A0431	RT32043	DIGITAL COMMUNICATIONS	26	46	3
15BQ1A0431	RT32044	MICROWAVE ENGINEERING	25	30	3
15BQ1A0431	RT32045A	BIO MEDICAL ENGINEERING	23	51	3
15BQ1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BQ1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15BQ1A0431	RT32049	SEMINAR	45	0	1
15BQ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	10	0
15BQ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	18	13	0
15BQ1A0432	RT32043	DIGITAL COMMUNICATIONS	17	20	0
15BQ1A0432	RT32044	MICROWAVE ENGINEERING	18	3	0
15BQ1A0432	RT32045A	BIO MEDICAL ENGINEERING	16	17	0
15BQ1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15BQ1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	18	45	2
15BQ1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	38	2
15BQ1A0432	RT32049	SEMINAR	38	0	1
15BQ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	32	3
15BQ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	24	51	3
15BQ1A0433	RT32043	DIGITAL COMMUNICATIONS	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0433	RT32044	MICROWAVE ENGINEERING	26	30	3
15BQ1A0433	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15BQ1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15BQ1A0433	RT32049	SEMINAR	47	0	1
15BQ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	27	3
15BQ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	9	7	0
15BQ1A0434	RT32043	DIGITAL COMMUNICATIONS	10	0	0
15BQ1A0434	RT32044	MICROWAVE ENGINEERING	19	4	0
15BQ1A0434	RT32045A	BIO MEDICAL ENGINEERING	16	36	3
15BQ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
15BQ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	12	-1	0
15BQ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	-1	0
15BQ1A0434	RT32049	SEMINAR	35	0	1
15BQ1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	41	3
15BQ1A0435	RT32042	DIGITAL SIGNAL PROCESSING	29	52	3
15BQ1A0435	RT32043	DIGITAL COMMUNICATIONS	28	52	3
15BQ1A0435	RT32044	MICROWAVE ENGINEERING	28	67	3
15BQ1A0435	RT32045A	BIO MEDICAL ENGINEERING	26	66	3
15BQ1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	25	45	2
15BQ1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BQ1A0435	RT32049	SEMINAR	49	0	1
15BQ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	61	3
15BQ1A0436	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
15BQ1A0436	RT32043	DIGITAL COMMUNICATIONS	25	54	3
15BQ1A0436	RT32044	MICROWAVE ENGINEERING	27	47	3
15BQ1A0436	RT32045A	BIO MEDICAL ENGINEERING	24	42	3
15BQ1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BQ1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15BQ1A0436	RT32049	SEMINAR	48	0	1
15BQ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	18	0
15BQ1A0437	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
15BQ1A0437	RT32043	DIGITAL COMMUNICATIONS	27	24	3
15BQ1A0437	RT32044	MICROWAVE ENGINEERING	16	34	3
15BQ1A0437	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
15BQ1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15BQ1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15BQ1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BQ1A0437	RT32049	SEMINAR	40	0	1
15BQ1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	27	3
15BQ1A0438	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
15BQ1A0438	RT32043	DIGITAL COMMUNICATIONS	20	44	3
15BQ1A0438	RT32044	MICROWAVE ENGINEERING	21	15	0
15BQ1A0438	RT32045A	BIO MEDICAL ENGINEERING	25	38	3
15BQ1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BQ1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	22	38	2
15BQ1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0438	RT32049	SEMINAR	41	0	1
15BQ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	34	3
15BQ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	27	15	0
15BQ1A0439	RT32043	DIGITAL COMMUNICATIONS	28	47	3
15BQ1A0439	RT32044	MICROWAVE ENGINEERING	25	50	3
15BQ1A0439	RT32045A	BIO MEDICAL ENGINEERING	23	31	3
15BQ1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	23	39	2
15BQ1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
15BQ1A0439	RT32049	SEMINAR	47	0	1
15BQ1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	58	3
15BQ1A0440	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
15BQ1A0440	RT32043	DIGITAL COMMUNICATIONS	24	29	3
15BQ1A0440	RT32044	MICROWAVE ENGINEERING	28	24	3
15BQ1A0440	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15BQ1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	43	2
15BQ1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15BQ1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15BQ1A0440	RT32049	SEMINAR	44	0	1
15BQ1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
15BQ1A0441	RT32042	DIGITAL SIGNAL PROCESSING	22	52	3
15BQ1A0441	RT32043	DIGITAL COMMUNICATIONS	25	24	3
15BQ1A0441	RT32044	MICROWAVE ENGINEERING	25	33	3
15BQ1A0441	RT32045A	BIO MEDICAL ENGINEERING	23	19	0
15BQ1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	20	39	2
15BQ1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15BQ1A0441	RT32049	SEMINAR	43	0	1
15BQ1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	46	3
15BQ1A0442	RT32042	DIGITAL SIGNAL PROCESSING	26	37	3
15BQ1A0442	RT32043	DIGITAL COMMUNICATIONS	25	60	3
15BQ1A0442	RT32044	MICROWAVE ENGINEERING	24	42	3
15BQ1A0442	RT32045A	BIO MEDICAL ENGINEERING	25	50	3
15BQ1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	50	2
15BQ1A0442	RT32049	SEMINAR	49	0	1
15BQ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	36	3
15BQ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	21	28	3
15BQ1A0443	RT32043	DIGITAL COMMUNICATIONS	26	35	3
15BQ1A0443	RT32044	MICROWAVE ENGINEERING	24	32	3
15BQ1A0443	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
15BQ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15BQ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15BQ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15BQ1A0443	RT32049	SEMINAR	43	0	1
15BQ1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	48	3
15BQ1A0444	RT32042	DIGITAL SIGNAL PROCESSING	19	26	3
15BQ1A0444	RT32043	DIGITAL COMMUNICATIONS	18	28	3
15BQ1A0444	RT32044	MICROWAVE ENGINEERING	17	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0444	RT32045A	BIO MEDICAL ENGINEERING	18	28	3
15BQ1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15BQ1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	18	22	2
15BQ1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	37	2
15BQ1A0444	RT32049	SEMINAR	38	0	1
15BQ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	40	3
15BQ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	28	49	3
15BQ1A0445	RT32043	DIGITAL COMMUNICATIONS	24	34	3
15BQ1A0445	RT32044	MICROWAVE ENGINEERING	25	36	3
15BQ1A0445	RT32045A	BIO MEDICAL ENGINEERING	22	56	3
15BQ1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	23	36	2
15BQ1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15BQ1A0445	RT32049	SEMINAR	46	0	1
15BQ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	32	3
15BQ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	26	50	3
15BQ1A0446	RT32043	DIGITAL COMMUNICATIONS	25	60	3
15BQ1A0446	RT32044	MICROWAVE ENGINEERING	24	51	3
15BQ1A0446	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
15BQ1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15BQ1A0446	RT32049	SEMINAR	49	0	1
15BQ1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	38	3
15BQ1A0447	RT32042	DIGITAL SIGNAL PROCESSING	28	46	3
15BQ1A0447	RT32043	DIGITAL COMMUNICATIONS	26	40	3
15BQ1A0447	RT32044	MICROWAVE ENGINEERING	26	45	3
15BQ1A0447	RT32045A	BIO MEDICAL ENGINEERING	25	50	3
15BQ1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15BQ1A0447	RT32049	SEMINAR	45	0	1
15BQ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	12	0
15BQ1A0448	RT32042	DIGITAL SIGNAL PROCESSING	26	38	3
15BQ1A0448	RT32043	DIGITAL COMMUNICATIONS	25	28	3
15BQ1A0448	RT32044	MICROWAVE ENGINEERING	24	47	3
15BQ1A0448	RT32045A	BIO MEDICAL ENGINEERING	25	43	3
15BQ1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15BQ1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15BQ1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BQ1A0448	RT32049	SEMINAR	47	0	1
15BQ1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	27	3
15BQ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	17	9	0
15BQ1A0449	RT32043	DIGITAL COMMUNICATIONS	16	5	0
15BQ1A0449	RT32044	MICROWAVE ENGINEERING	20	6	0
15BQ1A0449	RT32045A	BIO MEDICAL ENGINEERING	16	9	0
15BQ1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	38	2
15BQ1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	18	24	2
15BQ1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	30	2
15BQ1A0449	RT32049	SEMINAR	38	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	43	3
15BQ1A0450	RT32042	DIGITAL SIGNAL PROCESSING	24	44	3
15BQ1A0450	RT32043	DIGITAL COMMUNICATIONS	27	63	3
15BQ1A0450	RT32044	MICROWAVE ENGINEERING	23	34	3
15BQ1A0450	RT32045A	BIO MEDICAL ENGINEERING	24	45	3
15BQ1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	38	2
15BQ1A0450	RT32049	SEMINAR	46	0	1
15BQ1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
15BQ1A0451	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
15BQ1A0451	RT32043	DIGITAL COMMUNICATIONS	25	52	3
15BQ1A0451	RT32044	MICROWAVE ENGINEERING	24	56	3
15BQ1A0451	RT32045A	BIO MEDICAL ENGINEERING	24	33	3
15BQ1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BQ1A0451	RT32049	SEMINAR	48	0	1
15BQ1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	53	3
15BQ1A0452	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15BQ1A0452	RT32043	DIGITAL COMMUNICATIONS	24	37	3
15BQ1A0452	RT32044	MICROWAVE ENGINEERING	20	38	3
15BQ1A0452	RT32045A	BIO MEDICAL ENGINEERING	22	44	3
15BQ1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15BQ1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15BQ1A0452	RT32049	SEMINAR	47	0	1
15BQ1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	33	3
15BQ1A0453	RT32042	DIGITAL SIGNAL PROCESSING	28	44	3
15BQ1A0453	RT32043	DIGITAL COMMUNICATIONS	27	24	3
15BQ1A0453	RT32044	MICROWAVE ENGINEERING	27	51	3
15BQ1A0453	RT32045A	BIO MEDICAL ENGINEERING	25	70	3
15BQ1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15BQ1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15BQ1A0453	RT32049	SEMINAR	47	0	1
15BQ1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	42	3
15BQ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	27	35	3
15BQ1A0454	RT32043	DIGITAL COMMUNICATIONS	25	54	3
15BQ1A0454	RT32044	MICROWAVE ENGINEERING	21	36	3
15BQ1A0454	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
15BQ1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15BQ1A0454	RT32049	SEMINAR	49	0	1
15BQ1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	42	3
15BQ1A0455	RT32042	DIGITAL SIGNAL PROCESSING	27	49	3
15BQ1A0455	RT32043	DIGITAL COMMUNICATIONS	27	53	3
15BQ1A0455	RT32044	MICROWAVE ENGINEERING	26	40	3
15BQ1A0455	RT32045A	BIO MEDICAL ENGINEERING	24	47	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15BQ1A0455	RT32049	SEMINAR	47	0	1
15BQ1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	44	3
15BQ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	19	26	3
15BQ1A0456	RT32043	DIGITAL COMMUNICATIONS	23	37	3
15BQ1A0456	RT32044	MICROWAVE ENGINEERING	25	44	3
15BQ1A0456	RT32045A	BIO MEDICAL ENGINEERING	20	32	3
15BQ1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	22	35	2
15BQ1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	47	2
15BQ1A0456	RT32049	SEMINAR	42	0	1
15BQ1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	31	3
15BQ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
15BQ1A0457	RT32043	DIGITAL COMMUNICATIONS	25	18	0
15BQ1A0457	RT32044	MICROWAVE ENGINEERING	21	27	3
15BQ1A0457	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
15BQ1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15BQ1A0457	RT32049	SEMINAR	44	0	1
15BQ1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
15BQ1A0458	RT32042	DIGITAL SIGNAL PROCESSING	26	46	3
15BQ1A0458	RT32043	DIGITAL COMMUNICATIONS	27	52	3
15BQ1A0458	RT32044	MICROWAVE ENGINEERING	25	29	3
15BQ1A0458	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
15BQ1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BQ1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15BQ1A0458	RT32049	SEMINAR	45	0	1
15BQ1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	38	3
15BQ1A0459	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15BQ1A0459	RT32043	DIGITAL COMMUNICATIONS	21	39	3
15BQ1A0459	RT32044	MICROWAVE ENGINEERING	21	30	3
15BQ1A0459	RT32045A	BIO MEDICAL ENGINEERING	19	32	3
15BQ1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15BQ1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15BQ1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	39	2
15BQ1A0459	RT32049	SEMINAR	45	0	1
15BQ1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	59	3
15BQ1A0460	RT32042	DIGITAL SIGNAL PROCESSING	22	46	3
15BQ1A0460	RT32043	DIGITAL COMMUNICATIONS	26	30	3
15BQ1A0460	RT32044	MICROWAVE ENGINEERING	24	40	3
15BQ1A0460	RT32045A	BIO MEDICAL ENGINEERING	25	31	3
15BQ1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15BQ1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15BQ1A0460	RT32049	SEMINAR	46	0	1
15BQ1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0461	RT32042	DIGITAL SIGNAL PROCESSING	20	41	3
15BQ1A0461	RT32043	DIGITAL COMMUNICATIONS	18	19	0
15BQ1A0461	RT32044	MICROWAVE ENGINEERING	17	29	3
15BQ1A0461	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
15BQ1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	18	46	2
15BQ1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15BQ1A0461	RT32049	SEMINAR	40	0	1
15BQ1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	32	3
15BQ1A0462	RT32042	DIGITAL SIGNAL PROCESSING	23	44	3
15BQ1A0462	RT32043	DIGITAL COMMUNICATIONS	26	57	3
15BQ1A0462	RT32044	MICROWAVE ENGINEERING	17	31	3
15BQ1A0462	RT32045A	BIO MEDICAL ENGINEERING	23	41	3
15BQ1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	20	47	2
15BQ1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	41	2
15BQ1A0462	RT32049	SEMINAR	42	0	1
15BQ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	17	0
15BQ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	18	17	0
15BQ1A0463	RT32043	DIGITAL COMMUNICATIONS	15	25	3
15BQ1A0463	RT32044	MICROWAVE ENGINEERING	16	25	3
15BQ1A0463	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
15BQ1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	13	45	2
15BQ1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	39	2
15BQ1A0463	RT32049	SEMINAR	36	0	1
15BQ1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	55	3
15BQ1A0464	RT32042	DIGITAL SIGNAL PROCESSING	27	36	3
15BQ1A0464	RT32043	DIGITAL COMMUNICATIONS	26	50	3
15BQ1A0464	RT32044	MICROWAVE ENGINEERING	25	59	3
15BQ1A0464	RT32045A	BIO MEDICAL ENGINEERING	26	53	3
15BQ1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15BQ1A0464	RT32049	SEMINAR	48	0	1
15BQ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3
15BQ1A0465	RT32042	DIGITAL SIGNAL PROCESSING	17	28	3
15BQ1A0465	RT32043	DIGITAL COMMUNICATIONS	17	18	0
15BQ1A0465	RT32044	MICROWAVE ENGINEERING	18	6	0
15BQ1A0465	RT32045A	BIO MEDICAL ENGINEERING	17	27	3
15BQ1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15BQ1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	13	23	2
15BQ1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	26	2
15BQ1A0465	RT32049	SEMINAR	35	0	1
15BQ1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	43	3
15BQ1A0466	RT32042	DIGITAL SIGNAL PROCESSING	26	55	3
15BQ1A0466	RT32043	DIGITAL COMMUNICATIONS	26	64	3
15BQ1A0466	RT32044	MICROWAVE ENGINEERING	27	39	3
15BQ1A0466	RT32045A	BIO MEDICAL ENGINEERING	25	50	3
15BQ1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BQ1A0466	RT32049	SEMINAR	50	0	1
15BQ1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	26	3
15BQ1A0467	RT32042	DIGITAL SIGNAL PROCESSING	23	19	0
15BQ1A0467	RT32043	DIGITAL COMMUNICATIONS	17	33	3
15BQ1A0467	RT32044	MICROWAVE ENGINEERING	18	24	3
15BQ1A0467	RT32045A	BIO MEDICAL ENGINEERING	17	11	0
15BQ1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	28	2
15BQ1A0467	RT32049	SEMINAR	40	0	1
15BQ1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	48	3
15BQ1A0468	RT32042	DIGITAL SIGNAL PROCESSING	26	46	3
15BQ1A0468	RT32043	DIGITAL COMMUNICATIONS	22	46	3
15BQ1A0468	RT32044	MICROWAVE ENGINEERING	25	33	3
15BQ1A0468	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15BQ1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	21	48	2
15BQ1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15BQ1A0468	RT32049	SEMINAR	44	0	1
15BQ1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	46	3
15BQ1A0469	RT32042	DIGITAL SIGNAL PROCESSING	27	47	3
15BQ1A0469	RT32043	DIGITAL COMMUNICATIONS	27	50	3
15BQ1A0469	RT32044	MICROWAVE ENGINEERING	24	62	3
15BQ1A0469	RT32045A	BIO MEDICAL ENGINEERING	24	50	3
15BQ1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15BQ1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BQ1A0469	RT32049	SEMINAR	50	0	1
15BQ1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	11	0
15BQ1A0470	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
15BQ1A0470	RT32043	DIGITAL COMMUNICATIONS	19	8	0
15BQ1A0470	RT32044	MICROWAVE ENGINEERING	17	0	0
15BQ1A0470	RT32045A	BIO MEDICAL ENGINEERING	16	14	0
15BQ1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	30	2
15BQ1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	13	28	2
15BQ1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	29	2
15BQ1A0470	RT32049	SEMINAR	36	0	1
15BQ1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	47	3
15BQ1A0471	RT32042	DIGITAL SIGNAL PROCESSING	29	38	3
15BQ1A0471	RT32043	DIGITAL COMMUNICATIONS	27	62	3
15BQ1A0471	RT32044	MICROWAVE ENGINEERING	29	55	3
15BQ1A0471	RT32045A	BIO MEDICAL ENGINEERING	26	59	3
15BQ1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	43	2
15BQ1A0471	RT32049	SEMINAR	48	0	1
15BQ1A0472	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	58	3
15BQ1A0472	RT32042	DIGITAL SIGNAL PROCESSING	24	47	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0472	RT32043	DIGITAL COMMUNICATIONS	26	46	3
15BQ1A0472	RT32044	MICROWAVE ENGINEERING	23	52	3
15BQ1A0472	RT32045A	BIO MEDICAL ENGINEERING	24	49	3
15BQ1A0472	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	46	2
15BQ1A0472	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A0472	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
15BQ1A0472	RT32049	SEMINAR	48	0	1
15BQ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	37	3
15BQ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	22	9	0
15BQ1A0473	RT32043	DIGITAL COMMUNICATIONS	19	35	3
15BQ1A0473	RT32044	MICROWAVE ENGINEERING	23	24	3
15BQ1A0473	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
15BQ1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15BQ1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	21	27	2
15BQ1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	24	2
15BQ1A0473	RT32049	SEMINAR	36	0	1
15BQ1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	44	3
15BQ1A0474	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
15BQ1A0474	RT32043	DIGITAL COMMUNICATIONS	24	30	3
15BQ1A0474	RT32044	MICROWAVE ENGINEERING	25	40	3
15BQ1A0474	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15BQ1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15BQ1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15BQ1A0474	RT32049	SEMINAR	47	0	1
15BQ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	34	3
15BQ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15BQ1A0475	RT32043	DIGITAL COMMUNICATIONS	20	51	3
15BQ1A0475	RT32044	MICROWAVE ENGINEERING	19	36	3
15BQ1A0475	RT32045A	BIO MEDICAL ENGINEERING	22	37	3
15BQ1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BQ1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BQ1A0475	RT32049	SEMINAR	49	0	1
15BQ1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	30	3
15BQ1A0476	RT32042	DIGITAL SIGNAL PROCESSING	27	56	3
15BQ1A0476	RT32043	DIGITAL COMMUNICATIONS	25	38	3
15BQ1A0476	RT32044	MICROWAVE ENGINEERING	29	39	3
15BQ1A0476	RT32045A	BIO MEDICAL ENGINEERING	25	46	3
15BQ1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15BQ1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15BQ1A0476	RT32049	SEMINAR	48	0	1
15BQ1A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	39	3
15BQ1A0477	RT32042	DIGITAL SIGNAL PROCESSING	26	34	3
15BQ1A0477	RT32043	DIGITAL COMMUNICATIONS	28	30	3
15BQ1A0477	RT32044	MICROWAVE ENGINEERING	24	24	3
15BQ1A0477	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15BQ1A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0477	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BQ1A0477	RT32049	SEMINAR	47	0	1
15BQ1A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	34	3
15BQ1A0478	RT32042	DIGITAL SIGNAL PROCESSING	24	30	3
15BQ1A0478	RT32043	DIGITAL COMMUNICATIONS	25	25	3
15BQ1A0478	RT32044	MICROWAVE ENGINEERING	23	42	3
15BQ1A0478	RT32045A	BIO MEDICAL ENGINEERING	24	45	3
15BQ1A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	44	2
15BQ1A0478	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15BQ1A0478	RT32049	SEMINAR	45	0	1
15BQ1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	39	3
15BQ1A0479	RT32042	DIGITAL SIGNAL PROCESSING	27	32	3
15BQ1A0479	RT32043	DIGITAL COMMUNICATIONS	27	50	3
15BQ1A0479	RT32044	MICROWAVE ENGINEERING	29	35	3
15BQ1A0479	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
15BQ1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15BQ1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15BQ1A0479	RT32049	SEMINAR	49	0	1
15BQ1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	55	3
15BQ1A0480	RT32042	DIGITAL SIGNAL PROCESSING	25	37	3
15BQ1A0480	RT32043	DIGITAL COMMUNICATIONS	25	40	3
15BQ1A0480	RT32044	MICROWAVE ENGINEERING	25	39	3
15BQ1A0480	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
15BQ1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BQ1A0480	RT32049	SEMINAR	44	0	1
15BQ1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	50	3
15BQ1A0481	RT32042	DIGITAL SIGNAL PROCESSING	26	31	3
15BQ1A0481	RT32043	DIGITAL COMMUNICATIONS	24	49	3
15BQ1A0481	RT32044	MICROWAVE ENGINEERING	27	33	3
15BQ1A0481	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
15BQ1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15BQ1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	25	45	2
15BQ1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BQ1A0481	RT32049	SEMINAR	48	0	1
15BQ1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	7	0
15BQ1A0482	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15BQ1A0482	RT32043	DIGITAL COMMUNICATIONS	19	24	3
15BQ1A0482	RT32044	MICROWAVE ENGINEERING	18	32	3
15BQ1A0482	RT32045A	BIO MEDICAL ENGINEERING	17	33	3
15BQ1A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15BQ1A0482	RT32047	DIGITAL COMMUNICATIONS LAB	18	46	2
15BQ1A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	24	2
15BQ1A0482	RT32049	SEMINAR	35	0	1
15BQ1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15BQ1A0483	RT32042	DIGITAL SIGNAL PROCESSING	19	17	0
15BQ1A0483	RT32043	DIGITAL COMMUNICATIONS	22	34	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0483	RT32044	MICROWAVE ENGINEERING	20	27	3
15BQ1A0483	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15BQ1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15BQ1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15BQ1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	34	2
15BQ1A0483	RT32049	SEMINAR	46	0	1
15BQ1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	49	3
15BQ1A0484	RT32042	DIGITAL SIGNAL PROCESSING	22	46	3
15BQ1A0484	RT32043	DIGITAL COMMUNICATIONS	25	31	3
15BQ1A0484	RT32044	MICROWAVE ENGINEERING	22	34	3
15BQ1A0484	RT32045A	BIO MEDICAL ENGINEERING	22	45	3
15BQ1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15BQ1A0484	RT32049	SEMINAR	46	0	1
15BQ1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	34	3
15BQ1A0485	RT32042	DIGITAL SIGNAL PROCESSING	18	10	0
15BQ1A0485	RT32043	DIGITAL COMMUNICATIONS	20	24	3
15BQ1A0485	RT32044	MICROWAVE ENGINEERING	20	14	0
15BQ1A0485	RT32045A	BIO MEDICAL ENGINEERING	18	17	0
15BQ1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15BQ1A0485	RT32049	SEMINAR	44	0	1
15BQ1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	41	3
15BQ1A0486	RT32042	DIGITAL SIGNAL PROCESSING	27	33	3
15BQ1A0486	RT32043	DIGITAL COMMUNICATIONS	24	31	3
15BQ1A0486	RT32044	MICROWAVE ENGINEERING	21	47	3
15BQ1A0486	RT32045A	BIO MEDICAL ENGINEERING	20	50	3
15BQ1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15BQ1A0486	RT32049	SEMINAR	46	0	1
15BQ1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	29	3
15BQ1A0487	RT32042	DIGITAL SIGNAL PROCESSING	25	25	3
15BQ1A0487	RT32043	DIGITAL COMMUNICATIONS	20	50	3
15BQ1A0487	RT32044	MICROWAVE ENGINEERING	22	35	3
15BQ1A0487	RT32045A	BIO MEDICAL ENGINEERING	21	49	3
15BQ1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15BQ1A0487	RT32049	SEMINAR	44	0	1
15BQ1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	35	3
15BQ1A0488	RT32042	DIGITAL SIGNAL PROCESSING	21	38	3
15BQ1A0488	RT32043	DIGITAL COMMUNICATIONS	19	38	3
15BQ1A0488	RT32044	MICROWAVE ENGINEERING	21	29	3
15BQ1A0488	RT32045A	BIO MEDICAL ENGINEERING	20	41	3
15BQ1A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A0488	RT32047	DIGITAL COMMUNICATIONS LAB	21	33	2
15BQ1A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0488	RT32049	SEMINAR	40	0	1
15BQ1A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	43	3
15BQ1A0489	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3
15BQ1A0489	RT32043	DIGITAL COMMUNICATIONS	28	41	3
15BQ1A0489	RT32044	MICROWAVE ENGINEERING	22	28	3
15BQ1A0489	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15BQ1A0489	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0489	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0489	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BQ1A0489	RT32049	SEMINAR	46	0	1
15BQ1A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	46	3
15BQ1A0490	RT32042	DIGITAL SIGNAL PROCESSING	28	36	3
15BQ1A0490	RT32043	DIGITAL COMMUNICATIONS	27	57	3
15BQ1A0490	RT32044	MICROWAVE ENGINEERING	28	61	3
15BQ1A0490	RT32045A	BIO MEDICAL ENGINEERING	26	58	3
15BQ1A0490	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BQ1A0490	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A0490	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15BQ1A0490	RT32049	SEMINAR	48	0	1
15BQ1A0491	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	38	3
15BQ1A0491	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15BQ1A0491	RT32043	DIGITAL COMMUNICATIONS	25	39	3
15BQ1A0491	RT32044	MICROWAVE ENGINEERING	26	29	3
15BQ1A0491	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15BQ1A0491	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0491	RT32047	DIGITAL COMMUNICATIONS LAB	23	33	2
15BQ1A0491	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15BQ1A0491	RT32049	SEMINAR	44	0	1
15BQ1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	28	3
15BQ1A0492	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
15BQ1A0492	RT32043	DIGITAL COMMUNICATIONS	21	18	0
15BQ1A0492	RT32044	MICROWAVE ENGINEERING	20	27	3
15BQ1A0492	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
15BQ1A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	30	2
15BQ1A0492	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15BQ1A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	26	2
15BQ1A0492	RT32049	SEMINAR	42	0	1
15BQ1A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3
15BQ1A0493	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BQ1A0493	RT32043	DIGITAL COMMUNICATIONS	20	30	3
15BQ1A0493	RT32044	MICROWAVE ENGINEERING	22	27	3
15BQ1A0493	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15BQ1A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A0493	RT32047	DIGITAL COMMUNICATIONS LAB	20	34	2
15BQ1A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15BQ1A0493	RT32049	SEMINAR	44	0	1
15BQ1A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	46	3
15BQ1A0494	RT32042	DIGITAL SIGNAL PROCESSING	26	25	3
15BQ1A0494	RT32043	DIGITAL COMMUNICATIONS	25	45	3
15BQ1A0494	RT32044	MICROWAVE ENGINEERING	23	39	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0494	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
15BQ1A0494	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15BQ1A0494	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0494	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15BQ1A0494	RT32049	SEMINAR	42	0	1
15BQ1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15BQ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
15BQ1A0495	RT32043	DIGITAL COMMUNICATIONS	29	70	3
15BQ1A0495	RT32044	MICROWAVE ENGINEERING	29	41	3
15BQ1A0495	RT32045A	BIO MEDICAL ENGINEERING	27	48	3
15BQ1A0495	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0495	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0495	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BQ1A0495	RT32049	SEMINAR	50	0	1
15BQ1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	61	3
15BQ1A0496	RT32042	DIGITAL SIGNAL PROCESSING	27	47	3
15BQ1A0496	RT32043	DIGITAL COMMUNICATIONS	25	32	3
15BQ1A0496	RT32044	MICROWAVE ENGINEERING	30	36	3
15BQ1A0496	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
15BQ1A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A0496	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15BQ1A0496	RT32049	SEMINAR	48	0	1
15BQ1A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	6	0
15BQ1A0497	RT32042	DIGITAL SIGNAL PROCESSING	5	0	0
15BQ1A0497	RT32043	DIGITAL COMMUNICATIONS	13	2	0
15BQ1A0497	RT32044	MICROWAVE ENGINEERING	4	0	0
15BQ1A0497	RT32045A	BIO MEDICAL ENGINEERING	4	2	0
15BQ1A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	-1	0
15BQ1A0497	RT32047	DIGITAL COMMUNICATIONS LAB	12	-1	0
15BQ1A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	13	-1	0
15BQ1A0497	RT32049	SEMINAR	36	0	1
15BQ1A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	50	3
15BQ1A0498	RT32042	DIGITAL SIGNAL PROCESSING	28	25	3
15BQ1A0498	RT32043	DIGITAL COMMUNICATIONS	25	52	3
15BQ1A0498	RT32044	MICROWAVE ENGINEERING	26	42	3
15BQ1A0498	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
15BQ1A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A0498	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15BQ1A0498	RT32049	SEMINAR	46	0	1
15BQ1A0499	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	12	0
15BQ1A0499	RT32042	DIGITAL SIGNAL PROCESSING	25	29	3
15BQ1A0499	RT32043	DIGITAL COMMUNICATIONS	23	43	3
15BQ1A0499	RT32044	MICROWAVE ENGINEERING	21	47	3
15BQ1A0499	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
15BQ1A0499	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15BQ1A0499	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A0499	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
15BQ1A0499	RT32049	SEMINAR	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	47	3
15BQ1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	27	30	3
15BQ1A04A0	RT32043	DIGITAL COMMUNICATIONS	27	24	3
15BQ1A04A0	RT32044	MICROWAVE ENGINEERING	20	30	3
15BQ1A04A0	RT32045A	BIO MEDICAL ENGINEERING	24	31	3
15BQ1A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	49	2
15BQ1A04A0	RT32049	SEMINAR	41	0	1
15BQ1A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3
15BQ1A04A1	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
15BQ1A04A1	RT32043	DIGITAL COMMUNICATIONS	22	31	3
15BQ1A04A1	RT32044	MICROWAVE ENGINEERING	26	15	0
15BQ1A04A1	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15BQ1A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15BQ1A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	30	2
15BQ1A04A1	RT32049	SEMINAR	42	0	1
15BQ1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	36	3
15BQ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	23	25	3
15BQ1A04A2	RT32043	DIGITAL COMMUNICATIONS	20	38	3
15BQ1A04A2	RT32044	MICROWAVE ENGINEERING	19	52	3
15BQ1A04A2	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
15BQ1A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	37	2
15BQ1A04A2	RT32049	SEMINAR	39	0	1
15BQ1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	7	0
15BQ1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
15BQ1A04A3	RT32043	DIGITAL COMMUNICATIONS	19	44	3
15BQ1A04A3	RT32044	MICROWAVE ENGINEERING	27	26	3
15BQ1A04A3	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
15BQ1A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15BQ1A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	42	2
15BQ1A04A3	RT32049	SEMINAR	42	0	1
15BQ1A04A4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	39	3
15BQ1A04A4	RT32042	DIGITAL SIGNAL PROCESSING	22	12	0
15BQ1A04A4	RT32043	DIGITAL COMMUNICATIONS	23	28	3
15BQ1A04A4	RT32044	MICROWAVE ENGINEERING	23	40	3
15BQ1A04A4	RT32045A	BIO MEDICAL ENGINEERING	20	31	3
15BQ1A04A4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A04A4	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A04A4	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	49	2
15BQ1A04A4	RT32049	SEMINAR	43	0	1
15BQ1A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	38	3
15BQ1A04A5	RT32042	DIGITAL SIGNAL PROCESSING	27	44	3
15BQ1A04A5	RT32043	DIGITAL COMMUNICATIONS	27	45	3
15BQ1A04A5	RT32044	MICROWAVE ENGINEERING	24	24	3
15BQ1A04A5	RT32045A	BIO MEDICAL ENGINEERING	21	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04A5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15BQ1A04A5	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15BQ1A04A5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15BQ1A04A5	RT32049	SEMINAR	44	0	1
15BQ1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
15BQ1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15BQ1A04A6	RT32043	DIGITAL COMMUNICATIONS	19	52	3
15BQ1A04A6	RT32044	MICROWAVE ENGINEERING	19	53	3
15BQ1A04A6	RT32045A	BIO MEDICAL ENGINEERING	25	39	3
15BQ1A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15BQ1A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	19	47	2
15BQ1A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15BQ1A04A6	RT32049	SEMINAR	45	0	1
15BQ1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	10	0
15BQ1A04A7	RT32042	DIGITAL SIGNAL PROCESSING	26	25	3
15BQ1A04A7	RT32043	DIGITAL COMMUNICATIONS	23	47	3
15BQ1A04A7	RT32044	MICROWAVE ENGINEERING	21	39	3
15BQ1A04A7	RT32045A	BIO MEDICAL ENGINEERING	20	26	3
15BQ1A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BQ1A04A7	RT32049	SEMINAR	46	0	1
15BQ1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	40	3
15BQ1A04A8	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15BQ1A04A8	RT32043	DIGITAL COMMUNICATIONS	20	47	3
15BQ1A04A8	RT32044	MICROWAVE ENGINEERING	28	36	3
15BQ1A04A8	RT32045A	BIO MEDICAL ENGINEERING	20	35	3
15BQ1A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15BQ1A04A8	RT32049	SEMINAR	46	0	1
15BQ1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
15BQ1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	25	50	3
15BQ1A04A9	RT32043	DIGITAL COMMUNICATIONS	26	31	3
15BQ1A04A9	RT32044	MICROWAVE ENGINEERING	22	32	3
15BQ1A04A9	RT32045A	BIO MEDICAL ENGINEERING	25	51	3
15BQ1A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15BQ1A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	23	36	2
15BQ1A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15BQ1A04A9	RT32049	SEMINAR	48	0	1
15BQ1A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	50	3
15BQ1A04B0	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
15BQ1A04B0	RT32043	DIGITAL COMMUNICATIONS	24	44	3
15BQ1A04B0	RT32044	MICROWAVE ENGINEERING	20	51	3
15BQ1A04B0	RT32045A	BIO MEDICAL ENGINEERING	17	48	3
15BQ1A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15BQ1A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15BQ1A04B0	RT32049	SEMINAR	46	0	1
15BQ1A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	8	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04B1	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
15BQ1A04B1	RT32043	DIGITAL COMMUNICATIONS	27	38	3
15BQ1A04B1	RT32044	MICROWAVE ENGINEERING	19	51	3
15BQ1A04B1	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
15BQ1A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BQ1A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	39	2
15BQ1A04B1	RT32049	SEMINAR	44	0	1
15BQ1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	48	3
15BQ1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	25	26	3
15BQ1A04B2	RT32043	DIGITAL COMMUNICATIONS	19	24	3
15BQ1A04B2	RT32044	MICROWAVE ENGINEERING	22	46	3
15BQ1A04B2	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
15BQ1A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BQ1A04B2	RT32049	SEMINAR	48	0	1
15BQ1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	30	3
15BQ1A04B3	RT32042	DIGITAL SIGNAL PROCESSING	20	50	3
15BQ1A04B3	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15BQ1A04B3	RT32044	MICROWAVE ENGINEERING	21	50	3
15BQ1A04B3	RT32045A	BIO MEDICAL ENGINEERING	22	48	3
15BQ1A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15BQ1A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	45	2
15BQ1A04B3	RT32049	SEMINAR	38	0	1
15BQ1A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	55	3
15BQ1A04B4	RT32042	DIGITAL SIGNAL PROCESSING	25	34	3
15BQ1A04B4	RT32043	DIGITAL COMMUNICATIONS	25	52	3
15BQ1A04B4	RT32044	MICROWAVE ENGINEERING	27	59	3
15BQ1A04B4	RT32045A	BIO MEDICAL ENGINEERING	22	45	3
15BQ1A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
15BQ1A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15BQ1A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BQ1A04B4	RT32049	SEMINAR	46	0	1
15BQ1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	15	0
15BQ1A04B5	RT32042	DIGITAL SIGNAL PROCESSING	27	37	3
15BQ1A04B5	RT32043	DIGITAL COMMUNICATIONS	23	55	3
15BQ1A04B5	RT32044	MICROWAVE ENGINEERING	24	43	3
15BQ1A04B5	RT32045A	BIO MEDICAL ENGINEERING	25	48	3
15BQ1A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BQ1A04B5	RT32049	SEMINAR	47	0	1
15BQ1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	36	3
15BQ1A04B6	RT32042	DIGITAL SIGNAL PROCESSING	25	26	3
15BQ1A04B6	RT32043	DIGITAL COMMUNICATIONS	25	35	3
15BQ1A04B6	RT32044	MICROWAVE ENGINEERING	29	42	3
15BQ1A04B6	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
15BQ1A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BQ1A04B6	RT32049	SEMINAR	46	0	1
15BQ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	34	3
15BQ1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	26	51	3
15BQ1A04B7	RT32043	DIGITAL COMMUNICATIONS	25	41	3
15BQ1A04B7	RT32044	MICROWAVE ENGINEERING	24	43	3
15BQ1A04B7	RT32045A	BIO MEDICAL ENGINEERING	25	54	3
15BQ1A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15BQ1A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15BQ1A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BQ1A04B7	RT32049	SEMINAR	44	0	1
15BQ1A04B8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15BQ1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
15BQ1A04B8	RT32043	DIGITAL COMMUNICATIONS	25	57	3
15BQ1A04B8	RT32044	MICROWAVE ENGINEERING	26	60	3
15BQ1A04B8	RT32045A	BIO MEDICAL ENGINEERING	26	53	3
15BQ1A04B8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04B8	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BQ1A04B8	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15BQ1A04B8	RT32049	SEMINAR	42	0	1
15BQ1A04B9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	36	3
15BQ1A04B9	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15BQ1A04B9	RT32043	DIGITAL COMMUNICATIONS	24	39	3
15BQ1A04B9	RT32044	MICROWAVE ENGINEERING	17	30	3
15BQ1A04B9	RT32045A	BIO MEDICAL ENGINEERING	25	27	3
15BQ1A04B9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A04B9	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04B9	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15BQ1A04B9	RT32049	SEMINAR	43	0	1
15BQ1A04C0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	41	3
15BQ1A04C0	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15BQ1A04C0	RT32043	DIGITAL COMMUNICATIONS	27	34	3
15BQ1A04C0	RT32044	MICROWAVE ENGINEERING	27	38	3
15BQ1A04C0	RT32045A	BIO MEDICAL ENGINEERING	22	42	3
15BQ1A04C0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04C0	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15BQ1A04C0	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
15BQ1A04C0	RT32049	SEMINAR	41	0	1
15BQ1A04C1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	32	3
15BQ1A04C1	RT32042	DIGITAL SIGNAL PROCESSING	20	37	3
15BQ1A04C1	RT32043	DIGITAL COMMUNICATIONS	18	14	0
15BQ1A04C1	RT32044	MICROWAVE ENGINEERING	16	14	0
15BQ1A04C1	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15BQ1A04C1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A04C1	RT32047	DIGITAL COMMUNICATIONS LAB	17	42	2
15BQ1A04C1	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BQ1A04C1	RT32049	SEMINAR	44	0	1
15BQ1A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
15BQ1A04C2	RT32042	DIGITAL SIGNAL PROCESSING	16	17	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04C2	RT32043	DIGITAL COMMUNICATIONS	19	34	3
15BQ1A04C2	RT32044	MICROWAVE ENGINEERING	17	34	3
15BQ1A04C2	RT32045A	BIO MEDICAL ENGINEERING	16	39	3
15BQ1A04C2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
15BQ1A04C2	RT32047	DIGITAL COMMUNICATIONS LAB	19	47	2
15BQ1A04C2	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	38	2
15BQ1A04C2	RT32049	SEMINAR	42	0	1
15BQ1A04C3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	16	0
15BQ1A04C3	RT32042	DIGITAL SIGNAL PROCESSING	20	19	0
15BQ1A04C3	RT32043	DIGITAL COMMUNICATIONS	18	31	3
15BQ1A04C3	RT32044	MICROWAVE ENGINEERING	17	24	3
15BQ1A04C3	RT32045A	BIO MEDICAL ENGINEERING	19	27	3
15BQ1A04C3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BQ1A04C3	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04C3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	38	2
15BQ1A04C3	RT32049	SEMINAR	43	0	1
15BQ1A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	3	-1	0
15BQ1A04C4	RT32042	DIGITAL SIGNAL PROCESSING	5	-1	0
15BQ1A04C4	RT32043	DIGITAL COMMUNICATIONS	5	-1	0
15BQ1A04C4	RT32044	MICROWAVE ENGINEERING	2	-1	0
15BQ1A04C4	RT32045A	BIO MEDICAL ENGINEERING	2	-1	0
15BQ1A04C4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15BQ1A04C4	RT32047	DIGITAL COMMUNICATIONS LAB	0	-1	0
15BQ1A04C4	RT32048	DIGITAL SIGNAL PROCESSING LAB	0	-1	0
15BQ1A04C4	RT32049	SEMINAR	-1	0	0
15BQ1A04C5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	39	3
15BQ1A04C5	RT32042	DIGITAL SIGNAL PROCESSING	27	51	3
15BQ1A04C5	RT32043	DIGITAL COMMUNICATIONS	26	37	3
15BQ1A04C5	RT32044	MICROWAVE ENGINEERING	22	44	3
15BQ1A04C5	RT32045A	BIO MEDICAL ENGINEERING	23	29	3
15BQ1A04C5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04C5	RT32047	DIGITAL COMMUNICATIONS LAB	19	39	2
15BQ1A04C5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15BQ1A04C5	RT32049	SEMINAR	45	0	1
15BQ1A04C6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	41	3
15BQ1A04C6	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
15BQ1A04C6	RT32043	DIGITAL COMMUNICATIONS	23	42	3
15BQ1A04C6	RT32044	MICROWAVE ENGINEERING	23	54	3
15BQ1A04C6	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
15BQ1A04C6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04C6	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15BQ1A04C6	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15BQ1A04C6	RT32049	SEMINAR	48	0	1
15BQ1A04C7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	28	3
15BQ1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	20	27	3
15BQ1A04C7	RT32043	DIGITAL COMMUNICATIONS	22	28	3
15BQ1A04C7	RT32044	MICROWAVE ENGINEERING	23	24	3
15BQ1A04C7	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15BQ1A04C7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15BQ1A04C7	RT32047	DIGITAL COMMUNICATIONS LAB	20	47	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04C7	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15BQ1A04C7	RT32049	SEMINAR	41	0	1
15BQ1A04C8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	41	3
15BQ1A04C8	RT32042	DIGITAL SIGNAL PROCESSING	21	38	3
15BQ1A04C8	RT32043	DIGITAL COMMUNICATIONS	21	15	0
15BQ1A04C8	RT32044	MICROWAVE ENGINEERING	23	47	3
15BQ1A04C8	RT32045A	BIO MEDICAL ENGINEERING	22	39	3
15BQ1A04C8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04C8	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15BQ1A04C8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15BQ1A04C8	RT32049	SEMINAR	46	0	1
15BQ1A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	37	3
15BQ1A04C9	RT32042	DIGITAL SIGNAL PROCESSING	26	46	3
15BQ1A04C9	RT32043	DIGITAL COMMUNICATIONS	25	44	3
15BQ1A04C9	RT32044	MICROWAVE ENGINEERING	23	28	3
15BQ1A04C9	RT32045A	BIO MEDICAL ENGINEERING	23	50	3
15BQ1A04C9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04C9	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15BQ1A04C9	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BQ1A04C9	RT32049	SEMINAR	47	0	1
15BQ1A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	39	3
15BQ1A04D0	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15BQ1A04D0	RT32043	DIGITAL COMMUNICATIONS	24	55	3
15BQ1A04D0	RT32044	MICROWAVE ENGINEERING	24	48	3
15BQ1A04D0	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
15BQ1A04D0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04D0	RT32047	DIGITAL COMMUNICATIONS LAB	18	47	2
15BQ1A04D0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15BQ1A04D0	RT32049	SEMINAR	46	0	1
15BQ1A04D1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	28	3
15BQ1A04D1	RT32042	DIGITAL SIGNAL PROCESSING	28	38	3
15BQ1A04D1	RT32043	DIGITAL COMMUNICATIONS	27	51	3
15BQ1A04D1	RT32044	MICROWAVE ENGINEERING	24	40	3
15BQ1A04D1	RT32045A	BIO MEDICAL ENGINEERING	25	29	3
15BQ1A04D1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BQ1A04D1	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04D1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BQ1A04D1	RT32049	SEMINAR	50	0	1
15BQ1A04D2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	27	3
15BQ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	11	-1	0
15BQ1A04D2	RT32043	DIGITAL COMMUNICATIONS	13	14	0
15BQ1A04D2	RT32044	MICROWAVE ENGINEERING	20	24	3
15BQ1A04D2	RT32045A	BIO MEDICAL ENGINEERING	18	25	3
15BQ1A04D2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	35	2
15BQ1A04D2	RT32047	DIGITAL COMMUNICATIONS LAB	21	29	2
15BQ1A04D2	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	35	2
15BQ1A04D2	RT32049	SEMINAR	39	0	1
15BQ1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
15BQ1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	17	17	0
15BQ1A04D3	RT32043	DIGITAL COMMUNICATIONS	14	34	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04D3	RT32044	MICROWAVE ENGINEERING	20	42	3
15BQ1A04D3	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15BQ1A04D3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15BQ1A04D3	RT32047	DIGITAL COMMUNICATIONS LAB	17	35	2
15BQ1A04D3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	34	2
15BQ1A04D3	RT32049	SEMINAR	42	0	1
15BQ1A04D4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	3	-1	0
15BQ1A04D4	RT32042	DIGITAL SIGNAL PROCESSING	5	-1	0
15BQ1A04D4	RT32043	DIGITAL COMMUNICATIONS	5	-1	0
15BQ1A04D4	RT32044	MICROWAVE ENGINEERING	2	-1	0
15BQ1A04D4	RT32045A	BIO MEDICAL ENGINEERING	2	-1	0
15BQ1A04D4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15BQ1A04D4	RT32047	DIGITAL COMMUNICATIONS LAB	0	-1	0
15BQ1A04D4	RT32048	DIGITAL SIGNAL PROCESSING LAB	0	-1	0
15BQ1A04D4	RT32049	SEMINAR	-1	0	0
15BQ1A04D5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	45	3
15BQ1A04D5	RT32042	DIGITAL SIGNAL PROCESSING	28	34	3
15BQ1A04D5	RT32043	DIGITAL COMMUNICATIONS	23	49	3
15BQ1A04D5	RT32044	MICROWAVE ENGINEERING	25	37	3
15BQ1A04D5	RT32045A	BIO MEDICAL ENGINEERING	25	48	3
15BQ1A04D5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04D5	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04D5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15BQ1A04D5	RT32049	SEMINAR	44	0	1
15BQ1A04D6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	49	3
15BQ1A04D6	RT32042	DIGITAL SIGNAL PROCESSING	27	55	3
15BQ1A04D6	RT32043	DIGITAL COMMUNICATIONS	26	53	3
15BQ1A04D6	RT32044	MICROWAVE ENGINEERING	25	43	3
15BQ1A04D6	RT32045A	BIO MEDICAL ENGINEERING	25	38	3
15BQ1A04D6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BQ1A04D6	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15BQ1A04D6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15BQ1A04D6	RT32049	SEMINAR	46	0	1
15BQ1A04D7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	17	0
15BQ1A04D7	RT32042	DIGITAL SIGNAL PROCESSING	26	36	3
15BQ1A04D7	RT32043	DIGITAL COMMUNICATIONS	28	39	3
15BQ1A04D7	RT32044	MICROWAVE ENGINEERING	26	70	3
15BQ1A04D7	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
15BQ1A04D7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A04D7	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A04D7	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
15BQ1A04D7	RT32049	SEMINAR	44	0	1
15BQ1A04D8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	25	3
15BQ1A04D8	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15BQ1A04D8	RT32043	DIGITAL COMMUNICATIONS	28	40	3
15BQ1A04D8	RT32044	MICROWAVE ENGINEERING	23	24	3
15BQ1A04D8	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
15BQ1A04D8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04D8	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A04D8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04D8	RT32049	SEMINAR	48	0	1
15BQ1A04D9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	45	3
15BQ1A04D9	RT32042	DIGITAL SIGNAL PROCESSING	28	35	3
15BQ1A04D9	RT32043	DIGITAL COMMUNICATIONS	26	49	3
15BQ1A04D9	RT32044	MICROWAVE ENGINEERING	27	47	3
15BQ1A04D9	RT32045A	BIO MEDICAL ENGINEERING	26	57	3
15BQ1A04D9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04D9	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04D9	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BQ1A04D9	RT32049	SEMINAR	50	0	1
15BQ1A04E0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	34	3
15BQ1A04E0	RT32042	DIGITAL SIGNAL PROCESSING	24	33	3
15BQ1A04E0	RT32043	DIGITAL COMMUNICATIONS	27	28	3
15BQ1A04E0	RT32044	MICROWAVE ENGINEERING	28	30	3
15BQ1A04E0	RT32045A	BIO MEDICAL ENGINEERING	22	37	3
15BQ1A04E0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04E0	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A04E0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	39	2
15BQ1A04E0	RT32049	SEMINAR	46	0	1
15BQ1A04E1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	46	3
15BQ1A04E1	RT32042	DIGITAL SIGNAL PROCESSING	28	39	3
15BQ1A04E1	RT32043	DIGITAL COMMUNICATIONS	24	44	3
15BQ1A04E1	RT32044	MICROWAVE ENGINEERING	27	65	3
15BQ1A04E1	RT32045A	BIO MEDICAL ENGINEERING	28	40	3
15BQ1A04E1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A04E1	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A04E1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BQ1A04E1	RT32049	SEMINAR	49	0	1
15BQ1A04E2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	54	3
15BQ1A04E2	RT32042	DIGITAL SIGNAL PROCESSING	27	44	3
15BQ1A04E2	RT32043	DIGITAL COMMUNICATIONS	28	65	3
15BQ1A04E2	RT32044	MICROWAVE ENGINEERING	27	48	3
15BQ1A04E2	RT32045A	BIO MEDICAL ENGINEERING	20	63	3
15BQ1A04E2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04E2	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15BQ1A04E2	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	49	2
15BQ1A04E2	RT32049	SEMINAR	42	0	1
15BQ1A04E3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	38	3
15BQ1A04E3	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15BQ1A04E3	RT32043	DIGITAL COMMUNICATIONS	23	53	3
15BQ1A04E3	RT32044	MICROWAVE ENGINEERING	30	39	3
15BQ1A04E3	RT32045A	BIO MEDICAL ENGINEERING	25	55	3
15BQ1A04E3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04E3	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15BQ1A04E3	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15BQ1A04E3	RT32049	SEMINAR	48	0	1
15BQ1A04E4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15BQ1A04E4	RT32042	DIGITAL SIGNAL PROCESSING	27	51	3
15BQ1A04E4	RT32043	DIGITAL COMMUNICATIONS	27	47	3
15BQ1A04E4	RT32044	MICROWAVE ENGINEERING	28	45	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04E4	RT32045A	BIO MEDICAL ENGINEERING	24	42	3
15BQ1A04E4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A04E4	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15BQ1A04E4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BQ1A04E4	RT32049	SEMINAR	49	0	1
15BQ1A04E5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	37	3
15BQ1A04E5	RT32042	DIGITAL SIGNAL PROCESSING	27	36	3
15BQ1A04E5	RT32043	DIGITAL COMMUNICATIONS	27	47	3
15BQ1A04E5	RT32044	MICROWAVE ENGINEERING	30	69	3
15BQ1A04E5	RT32045A	BIO MEDICAL ENGINEERING	24	70	3
15BQ1A04E5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04E5	RT32047	DIGITAL COMMUNICATIONS LAB	24	50	2
15BQ1A04E5	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BQ1A04E5	RT32049	SEMINAR	48	0	1
15BQ1A04E6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	16	0
15BQ1A04E6	RT32042	DIGITAL SIGNAL PROCESSING	21	33	3
15BQ1A04E6	RT32043	DIGITAL COMMUNICATIONS	24	48	3
15BQ1A04E6	RT32044	MICROWAVE ENGINEERING	26	37	3
15BQ1A04E6	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15BQ1A04E6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04E6	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A04E6	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	35	2
15BQ1A04E6	RT32049	SEMINAR	48	0	1
15BQ1A04E7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	28	3
15BQ1A04E7	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15BQ1A04E7	RT32043	DIGITAL COMMUNICATIONS	26	44	3
15BQ1A04E7	RT32044	MICROWAVE ENGINEERING	28	24	3
15BQ1A04E7	RT32045A	BIO MEDICAL ENGINEERING	23	53	3
15BQ1A04E7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04E7	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15BQ1A04E7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15BQ1A04E7	RT32049	SEMINAR	46	0	1
15BQ1A04E8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	48	3
15BQ1A04E8	RT32042	DIGITAL SIGNAL PROCESSING	28	51	3
15BQ1A04E8	RT32043	DIGITAL COMMUNICATIONS	25	55	3
15BQ1A04E8	RT32044	MICROWAVE ENGINEERING	27	42	3
15BQ1A04E8	RT32045A	BIO MEDICAL ENGINEERING	25	47	3
15BQ1A04E8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04E8	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04E8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BQ1A04E8	RT32049	SEMINAR	48	0	1
15BQ1A04E9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15BQ1A04E9	RT32042	DIGITAL SIGNAL PROCESSING	22	18	0
15BQ1A04E9	RT32043	DIGITAL COMMUNICATIONS	19	25	3
15BQ1A04E9	RT32044	MICROWAVE ENGINEERING	24	58	3
15BQ1A04E9	RT32045A	BIO MEDICAL ENGINEERING	18	29	3
15BQ1A04E9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15BQ1A04E9	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
15BQ1A04E9	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	37	2
15BQ1A04E9	RT32049	SEMINAR	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04F0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15BQ1A04F0	RT32042	DIGITAL SIGNAL PROCESSING	26	27	3
15BQ1A04F0	RT32043	DIGITAL COMMUNICATIONS	27	57	3
15BQ1A04F0	RT32044	MICROWAVE ENGINEERING	26	50	3
15BQ1A04F0	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15BQ1A04F0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BQ1A04F0	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04F0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BQ1A04F0	RT32049	SEMINAR	48	0	1
15BQ1A04F1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	34	3
15BQ1A04F1	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15BQ1A04F1	RT32043	DIGITAL COMMUNICATIONS	25	43	3
15BQ1A04F1	RT32044	MICROWAVE ENGINEERING	26	25	3
15BQ1A04F1	RT32045A	BIO MEDICAL ENGINEERING	25	58	3
15BQ1A04F1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A04F1	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04F1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BQ1A04F1	RT32049	SEMINAR	46	0	1
15BQ1A04F2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	37	3
15BQ1A04F2	RT32042	DIGITAL SIGNAL PROCESSING	25	50	3
15BQ1A04F2	RT32043	DIGITAL COMMUNICATIONS	28	37	3
15BQ1A04F2	RT32044	MICROWAVE ENGINEERING	26	46	3
15BQ1A04F2	RT32045A	BIO MEDICAL ENGINEERING	23	41	3
15BQ1A04F2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04F2	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15BQ1A04F2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15BQ1A04F2	RT32049	SEMINAR	48	0	1
15BQ1A04F3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	45	3
15BQ1A04F3	RT32042	DIGITAL SIGNAL PROCESSING	26	42	3
15BQ1A04F3	RT32043	DIGITAL COMMUNICATIONS	27	47	3
15BQ1A04F3	RT32044	MICROWAVE ENGINEERING	24	61	3
15BQ1A04F3	RT32045A	BIO MEDICAL ENGINEERING	26	44	3
15BQ1A04F3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04F3	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15BQ1A04F3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15BQ1A04F3	RT32049	SEMINAR	46	0	1
15BQ1A04F4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	43	3
15BQ1A04F4	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15BQ1A04F4	RT32043	DIGITAL COMMUNICATIONS	24	50	3
15BQ1A04F4	RT32044	MICROWAVE ENGINEERING	25	61	3
15BQ1A04F4	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15BQ1A04F4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15BQ1A04F4	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15BQ1A04F4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15BQ1A04F4	RT32049	SEMINAR	48	0	1
15BQ1A04F5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	34	3
15BQ1A04F5	RT32042	DIGITAL SIGNAL PROCESSING	18	12	0
15BQ1A04F5	RT32043	DIGITAL COMMUNICATIONS	18	31	3
15BQ1A04F5	RT32044	MICROWAVE ENGINEERING	24	28	3
15BQ1A04F5	RT32045A	BIO MEDICAL ENGINEERING	20	48	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04F5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	36	2
15BQ1A04F5	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BQ1A04F5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	31	2
15BQ1A04F5	RT32049	SEMINAR	46	0	1
15BQ1A04F6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15BQ1A04F6	RT32042	DIGITAL SIGNAL PROCESSING	26	49	3
15BQ1A04F6	RT32043	DIGITAL COMMUNICATIONS	26	48	3
15BQ1A04F6	RT32044	MICROWAVE ENGINEERING	24	31	3
15BQ1A04F6	RT32045A	BIO MEDICAL ENGINEERING	27	40	3
15BQ1A04F6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15BQ1A04F6	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15BQ1A04F6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15BQ1A04F6	RT32049	SEMINAR	47	0	1
15BQ1A04F7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	30	3
15BQ1A04F7	RT32042	DIGITAL SIGNAL PROCESSING	18	10	0
15BQ1A04F7	RT32043	DIGITAL COMMUNICATIONS	20	24	3
15BQ1A04F7	RT32044	MICROWAVE ENGINEERING	21	17	0
15BQ1A04F7	RT32045A	BIO MEDICAL ENGINEERING	19	28	3
15BQ1A04F7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15BQ1A04F7	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15BQ1A04F7	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15BQ1A04F7	RT32049	SEMINAR	42	0	1
15BQ1A04F8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	-1	0
15BQ1A04F8	RT32042	DIGITAL SIGNAL PROCESSING	12	0	0
15BQ1A04F8	RT32043	DIGITAL COMMUNICATIONS	9	11	0
15BQ1A04F8	RT32044	MICROWAVE ENGINEERING	5	32	0
15BQ1A04F8	RT32045A	BIO MEDICAL ENGINEERING	2	30	0
15BQ1A04F8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15BQ1A04F8	RT32047	DIGITAL COMMUNICATIONS LAB	0	-1	0
15BQ1A04F8	RT32048	DIGITAL SIGNAL PROCESSING LAB	0	-1	0
15BQ1A04F8	RT32049	SEMINAR	-1	0	0
15BQ1A04F9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	45	3
15BQ1A04F9	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15BQ1A04F9	RT32043	DIGITAL COMMUNICATIONS	25	47	3
15BQ1A04F9	RT32044	MICROWAVE ENGINEERING	21	34	3
15BQ1A04F9	RT32045A	BIO MEDICAL ENGINEERING	26	47	3
15BQ1A04F9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15BQ1A04F9	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15BQ1A04F9	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BQ1A04F9	RT32049	SEMINAR	44	0	1
15BQ1A04G0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	60	3
15BQ1A04G0	RT32042	DIGITAL SIGNAL PROCESSING	28	47	3
15BQ1A04G0	RT32043	DIGITAL COMMUNICATIONS	28	48	3
15BQ1A04G0	RT32044	MICROWAVE ENGINEERING	26	36	3
15BQ1A04G0	RT32045A	BIO MEDICAL ENGINEERING	22	51	3
15BQ1A04G0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15BQ1A04G0	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04G0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BQ1A04G0	RT32049	SEMINAR	46	0	1
15BQ1A04G1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	50	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04G1	RT32042	DIGITAL SIGNAL PROCESSING	26	55	3
15BQ1A04G1	RT32043	DIGITAL COMMUNICATIONS	29	44	3
15BQ1A04G1	RT32044	MICROWAVE ENGINEERING	25	35	3
15BQ1A04G1	RT32045A	BIO MEDICAL ENGINEERING	26	51	3
15BQ1A04G1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15BQ1A04G1	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15BQ1A04G1	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BQ1A04G1	RT32049	SEMINAR	44	0	1
15BQ1A04G2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	45	3
15BQ1A04G2	RT32042	DIGITAL SIGNAL PROCESSING	28	46	3
15BQ1A04G2	RT32043	DIGITAL COMMUNICATIONS	27	55	3
15BQ1A04G2	RT32044	MICROWAVE ENGINEERING	24	66	3
15BQ1A04G2	RT32045A	BIO MEDICAL ENGINEERING	22	55	3
15BQ1A04G2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BQ1A04G2	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15BQ1A04G2	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BQ1A04G2	RT32049	SEMINAR	46	0	1
15BQ1A04G3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	45	3
15BQ1A04G3	RT32042	DIGITAL SIGNAL PROCESSING	28	27	3
15BQ1A04G3	RT32043	DIGITAL COMMUNICATIONS	27	45	3
15BQ1A04G3	RT32044	MICROWAVE ENGINEERING	25	28	3
15BQ1A04G3	RT32045A	BIO MEDICAL ENGINEERING	25	60	3
15BQ1A04G3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15BQ1A04G3	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15BQ1A04G3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BQ1A04G3	RT32049	SEMINAR	50	0	1
15BQ1A04G4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	34	3
15BQ1A04G4	RT32042	DIGITAL SIGNAL PROCESSING	24	38	3
15BQ1A04G4	RT32043	DIGITAL COMMUNICATIONS	23	30	3
15BQ1A04G4	RT32044	MICROWAVE ENGINEERING	24	16	0
15BQ1A04G4	RT32045A	BIO MEDICAL ENGINEERING	21	26	3
15BQ1A04G4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15BQ1A04G4	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BQ1A04G4	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15BQ1A04G4	RT32049	SEMINAR	44	0	1
15BQ1A04G5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	30	3
15BQ1A04G5	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15BQ1A04G5	RT32043	DIGITAL COMMUNICATIONS	23	24	3
15BQ1A04G5	RT32044	MICROWAVE ENGINEERING	25	26	3
15BQ1A04G5	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
15BQ1A04G5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15BQ1A04G5	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BQ1A04G5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	37	2
15BQ1A04G5	RT32049	SEMINAR	46	0	1
15BQ1A04G6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	36	3
15BQ1A04G6	RT32042	DIGITAL SIGNAL PROCESSING	25	10	0
15BQ1A04G6	RT32043	DIGITAL COMMUNICATIONS	18	46	3
15BQ1A04G6	RT32044	MICROWAVE ENGINEERING	23	36	3
15BQ1A04G6	RT32045A	BIO MEDICAL ENGINEERING	19	43	3
15BQ1A04G6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04G6	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A04G6	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
15BQ1A04G6	RT32049	SEMINAR	40	0	1
15BQ1A04G7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	47	3
15BQ1A04G7	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
15BQ1A04G7	RT32043	DIGITAL COMMUNICATIONS	16	38	3
15BQ1A04G7	RT32044	MICROWAVE ENGINEERING	24	43	3
15BQ1A04G7	RT32045A	BIO MEDICAL ENGINEERING	21	61	3
15BQ1A04G7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15BQ1A04G7	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15BQ1A04G7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BQ1A04G7	RT32049	SEMINAR	46	0	1
15BQ1A04G8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
15BQ1A04G8	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
15BQ1A04G8	RT32043	DIGITAL COMMUNICATIONS	18	28	3
15BQ1A04G8	RT32044	MICROWAVE ENGINEERING	24	24	3
15BQ1A04G8	RT32045A	BIO MEDICAL ENGINEERING	25	37	3
15BQ1A04G8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BQ1A04G8	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15BQ1A04G8	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15BQ1A04G8	RT32049	SEMINAR	44	0	1
15BQ1A04G9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15BQ1A04G9	RT32042	DIGITAL SIGNAL PROCESSING	24	40	3
15BQ1A04G9	RT32043	DIGITAL COMMUNICATIONS	28	36	3
15BQ1A04G9	RT32044	MICROWAVE ENGINEERING	23	17	0
15BQ1A04G9	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15BQ1A04G9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15BQ1A04G9	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15BQ1A04G9	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
15BQ1A04G9	RT32049	SEMINAR	42	0	1
15BQ1A04H0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	37	3
15BQ1A04H0	RT32042	DIGITAL SIGNAL PROCESSING	21	25	3
15BQ1A04H0	RT32043	DIGITAL COMMUNICATIONS	24	39	3
15BQ1A04H0	RT32044	MICROWAVE ENGINEERING	23	44	3
15BQ1A04H0	RT32045A	BIO MEDICAL ENGINEERING	21	53	3
15BQ1A04H0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15BQ1A04H0	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15BQ1A04H0	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	49	2
15BQ1A04H0	RT32049	SEMINAR	42	0	1
15BQ1A04H1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	43	3
15BQ1A04H1	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BQ1A04H1	RT32043	DIGITAL COMMUNICATIONS	18	50	3
15BQ1A04H1	RT32044	MICROWAVE ENGINEERING	22	41	3
15BQ1A04H1	RT32045A	BIO MEDICAL ENGINEERING	22	49	3
15BQ1A04H1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	40	2
15BQ1A04H1	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BQ1A04H1	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
15BQ1A04H1	RT32049	SEMINAR	42	0	1
15BQ1A04H2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
15BQ1A04H2	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04H2	RT32043	DIGITAL COMMUNICATIONS	20	27	3
15BQ1A04H2	RT32044	MICROWAVE ENGINEERING	27	29	3
15BQ1A04H2	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
15BQ1A04H2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	39	2
15BQ1A04H2	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15BQ1A04H2	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BQ1A04H2	RT32049	SEMINAR	44	0	1
15BQ1A04H3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	38	3
15BQ1A04H3	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
15BQ1A04H3	RT32043	DIGITAL COMMUNICATIONS	22	41	3
15BQ1A04H3	RT32044	MICROWAVE ENGINEERING	26	24	3
15BQ1A04H3	RT32045A	BIO MEDICAL ENGINEERING	24	28	3
15BQ1A04H3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04H3	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BQ1A04H3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	39	2
15BQ1A04H3	RT32049	SEMINAR	42	0	1
15BQ1A04H4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	37	3
15BQ1A04H4	RT32042	DIGITAL SIGNAL PROCESSING	24	41	3
15BQ1A04H4	RT32043	DIGITAL COMMUNICATIONS	24	57	3
15BQ1A04H4	RT32044	MICROWAVE ENGINEERING	24	62	3
15BQ1A04H4	RT32045A	BIO MEDICAL ENGINEERING	26	53	3
15BQ1A04H4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04H4	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15BQ1A04H4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15BQ1A04H4	RT32049	SEMINAR	48	0	1
15BQ1A04H5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	48	3
15BQ1A04H5	RT32042	DIGITAL SIGNAL PROCESSING	24	31	3
15BQ1A04H5	RT32043	DIGITAL COMMUNICATIONS	16	55	3
15BQ1A04H5	RT32044	MICROWAVE ENGINEERING	17	42	3
15BQ1A04H5	RT32045A	BIO MEDICAL ENGINEERING	17	66	3
15BQ1A04H5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	43	2
15BQ1A04H5	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BQ1A04H5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15BQ1A04H5	RT32049	SEMINAR	48	0	1
15BQ1A04H6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	33	3
15BQ1A04H6	RT32042	DIGITAL SIGNAL PROCESSING	16	17	0
15BQ1A04H6	RT32043	DIGITAL COMMUNICATIONS	14	14	0
15BQ1A04H6	RT32044	MICROWAVE ENGINEERING	16	18	0
15BQ1A04H6	RT32045A	BIO MEDICAL ENGINEERING	16	12	0
15BQ1A04H6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	35	2
15BQ1A04H6	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15BQ1A04H6	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	32	2
15BQ1A04H6	RT32049	SEMINAR	38	0	1
15BQ1A04H7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	38	3
15BQ1A04H7	RT32042	DIGITAL SIGNAL PROCESSING	28	38	3
15BQ1A04H7	RT32043	DIGITAL COMMUNICATIONS	27	44	3
15BQ1A04H7	RT32044	MICROWAVE ENGINEERING	23	27	3
15BQ1A04H7	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15BQ1A04H7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15BQ1A04H7	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04H7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2
15BQ1A04H7	RT32049	SEMINAR	46	0	1
15BQ1A0501	RT32051	SOFTWARE ENGINEERING	22	24	3
15BQ1A0501	RT32052	DATA WARE HOUSING AND MINING	20	15	0
15BQ1A0501	RT32053	COMPUTER NETWORKS	19	29	3
15BQ1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	35	3
15BQ1A0501	RT32055	WEB TECHNOLOGIES	21	32	3
15BQ1A0501	RT32056	IPR AND PATENTS	17	29	2
15BQ1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A0501	RT32058	SOFTWARE ENGINEERING LAB	15	32	2
15BQ1A0501	RT32059	WEB TECHNOLOGIES LAB	19	41	2
15BQ1A0502	RT32051	SOFTWARE ENGINEERING	26	49	3
15BQ1A0502	RT32052	DATA WARE HOUSING AND MINING	26	31	3
15BQ1A0502	RT32053	COMPUTER NETWORKS	25	36	3
15BQ1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15BQ1A0502	RT32055	WEB TECHNOLOGIES	26	31	3
15BQ1A0502	RT32056	IPR AND PATENTS	25	33	2
15BQ1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15BQ1A0502	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15BQ1A0502	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0503	RT32051	SOFTWARE ENGINEERING	27	52	3
15BQ1A0503	RT32052	DATA WARE HOUSING AND MINING	26	53	3
15BQ1A0503	RT32053	COMPUTER NETWORKS	26	28	3
15BQ1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	44	3
15BQ1A0503	RT32055	WEB TECHNOLOGIES	29	53	3
15BQ1A0503	RT32056	IPR AND PATENTS	22	33	2
15BQ1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15BQ1A0503	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A0503	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0504	RT32051	SOFTWARE ENGINEERING	29	52	3
15BQ1A0504	RT32052	DATA WARE HOUSING AND MINING	27	59	3
15BQ1A0504	RT32053	COMPUTER NETWORKS	28	50	3
15BQ1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	65	3
15BQ1A0504	RT32055	WEB TECHNOLOGIES	29	48	3
15BQ1A0504	RT32056	IPR AND PATENTS	26	57	2
15BQ1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0504	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0504	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0505	RT32051	SOFTWARE ENGINEERING	26	42	3
15BQ1A0505	RT32052	DATA WARE HOUSING AND MINING	27	33	3
15BQ1A0505	RT32053	COMPUTER NETWORKS	26	54	3
15BQ1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	41	3
15BQ1A0505	RT32055	WEB TECHNOLOGIES	26	36	3
15BQ1A0505	RT32056	IPR AND PATENTS	20	50	2
15BQ1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0505	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15BQ1A0505	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A0506	RT32051	SOFTWARE ENGINEERING	25	67	3
15BQ1A0506	RT32052	DATA WARE HOUSING AND MINING	26	49	3
15BQ1A0506	RT32053	COMPUTER NETWORKS	25	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	35	3
15BQ1A0506	RT32055	WEB TECHNOLOGIES	27	28	3
15BQ1A0506	RT32056	IPR AND PATENTS	24	32	2
15BQ1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15BQ1A0506	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15BQ1A0506	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A0507	RT32051	SOFTWARE ENGINEERING	26	50	3
15BQ1A0507	RT32052	DATA WARE HOUSING AND MINING	28	51	3
15BQ1A0507	RT32053	COMPUTER NETWORKS	25	24	3
15BQ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	38	3
15BQ1A0507	RT32055	WEB TECHNOLOGIES	27	45	3
15BQ1A0507	RT32056	IPR AND PATENTS	23	40	2
15BQ1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0507	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15BQ1A0507	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A0508	RT32051	SOFTWARE ENGINEERING	23	48	3
15BQ1A0508	RT32052	DATA WARE HOUSING AND MINING	21	54	3
15BQ1A0508	RT32053	COMPUTER NETWORKS	25	40	3
15BQ1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	44	3
15BQ1A0508	RT32055	WEB TECHNOLOGIES	21	30	3
15BQ1A0508	RT32056	IPR AND PATENTS	18	46	2
15BQ1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15BQ1A0508	RT32058	SOFTWARE ENGINEERING LAB	15	35	2
15BQ1A0508	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BQ1A0510	RT32051	SOFTWARE ENGINEERING	21	31	3
15BQ1A0510	RT32052	DATA WARE HOUSING AND MINING	17	5	0
15BQ1A0510	RT32053	COMPUTER NETWORKS	26	31	3
15BQ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	17	0
15BQ1A0510	RT32055	WEB TECHNOLOGIES	16	11	0
15BQ1A0510	RT32056	IPR AND PATENTS	19	15	0
15BQ1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	34	2
15BQ1A0510	RT32058	SOFTWARE ENGINEERING LAB	16	30	2
15BQ1A0510	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15BQ1A0511	RT32051	SOFTWARE ENGINEERING	22	43	3
15BQ1A0511	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A0511	RT32053	COMPUTER NETWORKS	19	28	3
15BQ1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	31	3
15BQ1A0511	RT32055	WEB TECHNOLOGIES	22	15	0
15BQ1A0511	RT32056	IPR AND PATENTS	17	24	2
15BQ1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	39	2
15BQ1A0511	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
15BQ1A0511	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15BQ1A0512	RT32051	SOFTWARE ENGINEERING	28	48	3
15BQ1A0512	RT32052	DATA WARE HOUSING AND MINING	27	60	3
15BQ1A0512	RT32053	COMPUTER NETWORKS	28	29	3
15BQ1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15BQ1A0512	RT32055	WEB TECHNOLOGIES	27	64	3
15BQ1A0512	RT32056	IPR AND PATENTS	24	33	2
15BQ1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0512	RT32058	SOFTWARE ENGINEERING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0512	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A0513	RT32051	SOFTWARE ENGINEERING	21	36	3
15BQ1A0513	RT32052	DATA WARE HOUSING AND MINING	17	60	3
15BQ1A0513	RT32053	COMPUTER NETWORKS	25	42	3
15BQ1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15BQ1A0513	RT32055	WEB TECHNOLOGIES	27	32	3
15BQ1A0513	RT32056	IPR AND PATENTS	23	46	2
15BQ1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	38	2
15BQ1A0513	RT32058	SOFTWARE ENGINEERING LAB	21	32	2
15BQ1A0513	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BQ1A0514	RT32051	SOFTWARE ENGINEERING	27	36	3
15BQ1A0514	RT32052	DATA WARE HOUSING AND MINING	24	12	0
15BQ1A0514	RT32053	COMPUTER NETWORKS	20	37	3
15BQ1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	47	3
15BQ1A0514	RT32055	WEB TECHNOLOGIES	26	35	3
15BQ1A0514	RT32056	IPR AND PATENTS	19	31	2
15BQ1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15BQ1A0514	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15BQ1A0514	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0515	RT32051	SOFTWARE ENGINEERING	20	24	3
15BQ1A0515	RT32052	DATA WARE HOUSING AND MINING	21	29	3
15BQ1A0515	RT32053	COMPUTER NETWORKS	18	32	3
15BQ1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	28	3
15BQ1A0515	RT32055	WEB TECHNOLOGIES	25	8	0
15BQ1A0515	RT32056	IPR AND PATENTS	21	36	2
15BQ1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15BQ1A0515	RT32058	SOFTWARE ENGINEERING LAB	15	34	2
15BQ1A0515	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15BQ1A0516	RT32051	SOFTWARE ENGINEERING	11	-1	0
15BQ1A0516	RT32052	DATA WARE HOUSING AND MINING	2	-1	0
15BQ1A0516	RT32053	COMPUTER NETWORKS	5	-1	0
15BQ1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	2	-1	0
15BQ1A0516	RT32055	WEB TECHNOLOGIES	9	-1	0
15BQ1A0516	RT32056	IPR AND PATENTS	4	-1	0
15BQ1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	0	-1	0
15BQ1A0516	RT32058	SOFTWARE ENGINEERING LAB	0	-1	0
15BQ1A0516	RT32059	WEB TECHNOLOGIES LAB	0	-1	0
15BQ1A0517	RT32051	SOFTWARE ENGINEERING	22	41	3
15BQ1A0517	RT32052	DATA WARE HOUSING AND MINING	25	55	3
15BQ1A0517	RT32053	COMPUTER NETWORKS	21	43	3
15BQ1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	62	3
15BQ1A0517	RT32055	WEB TECHNOLOGIES	25	30	3
15BQ1A0517	RT32056	IPR AND PATENTS	22	46	2
15BQ1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15BQ1A0517	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A0517	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0518	RT32051	SOFTWARE ENGINEERING	22	35	3
15BQ1A0518	RT32052	DATA WARE HOUSING AND MINING	24	28	3
15BQ1A0518	RT32053	COMPUTER NETWORKS	21	27	3
15BQ1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0518	RT32055	WEB TECHNOLOGIES	27	35	3
15BQ1A0518	RT32056	IPR AND PATENTS	17	40	2
15BQ1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15BQ1A0518	RT32058	SOFTWARE ENGINEERING LAB	18	32	2
15BQ1A0518	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15BQ1A0519	RT32051	SOFTWARE ENGINEERING	27	57	3
15BQ1A0519	RT32052	DATA WARE HOUSING AND MINING	27	44	3
15BQ1A0519	RT32053	COMPUTER NETWORKS	28	54	3
15BQ1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15BQ1A0519	RT32055	WEB TECHNOLOGIES	27	30	3
15BQ1A0519	RT32056	IPR AND PATENTS	25	30	2
15BQ1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	49	2
15BQ1A0519	RT32058	SOFTWARE ENGINEERING LAB	22	36	2
15BQ1A0519	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15BQ1A0520	RT32051	SOFTWARE ENGINEERING	26	45	3
15BQ1A0520	RT32052	DATA WARE HOUSING AND MINING	26	67	3
15BQ1A0520	RT32053	COMPUTER NETWORKS	24	28	3
15BQ1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	51	3
15BQ1A0520	RT32055	WEB TECHNOLOGIES	28	60	3
15BQ1A0520	RT32056	IPR AND PATENTS	22	36	2
15BQ1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15BQ1A0520	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0520	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15BQ1A0521	RT32051	SOFTWARE ENGINEERING	26	41	3
15BQ1A0521	RT32052	DATA WARE HOUSING AND MINING	26	47	3
15BQ1A0521	RT32053	COMPUTER NETWORKS	25	32	3
15BQ1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	56	3
15BQ1A0521	RT32055	WEB TECHNOLOGIES	27	46	3
15BQ1A0521	RT32056	IPR AND PATENTS	20	58	2
15BQ1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0521	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A0521	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0522	RT32051	SOFTWARE ENGINEERING	26	51	3
15BQ1A0522	RT32052	DATA WARE HOUSING AND MINING	25	44	3
15BQ1A0522	RT32053	COMPUTER NETWORKS	28	34	3
15BQ1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	53	3
15BQ1A0522	RT32055	WEB TECHNOLOGIES	28	46	3
15BQ1A0522	RT32056	IPR AND PATENTS	23	47	2
15BQ1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15BQ1A0522	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15BQ1A0522	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15BQ1A0523	RT32051	SOFTWARE ENGINEERING	20	42	3
15BQ1A0523	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BQ1A0523	RT32053	COMPUTER NETWORKS	16	39	3
15BQ1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15BQ1A0523	RT32055	WEB TECHNOLOGIES	16	12	0
15BQ1A0523	RT32056	IPR AND PATENTS	22	28	2
15BQ1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15BQ1A0523	RT32058	SOFTWARE ENGINEERING LAB	20	30	2
15BQ1A0523	RT32059	WEB TECHNOLOGIES LAB	19	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0524	RT32051	SOFTWARE ENGINEERING	26	56	3
15BQ1A0524	RT32052	DATA WARE HOUSING AND MINING	25	54	3
15BQ1A0524	RT32053	COMPUTER NETWORKS	27	34	3
15BQ1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15BQ1A0524	RT32055	WEB TECHNOLOGIES	27	58	3
15BQ1A0524	RT32056	IPR AND PATENTS	23	41	2
15BQ1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0524	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A0524	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0525	RT32051	SOFTWARE ENGINEERING	22	40	3
15BQ1A0525	RT32052	DATA WARE HOUSING AND MINING	25	45	3
15BQ1A0525	RT32053	COMPUTER NETWORKS	21	30	3
15BQ1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	35	3
15BQ1A0525	RT32055	WEB TECHNOLOGIES	25	36	3
15BQ1A0525	RT32056	IPR AND PATENTS	20	44	2
15BQ1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A0525	RT32058	SOFTWARE ENGINEERING LAB	19	33	2
15BQ1A0525	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15BQ1A0526	RT32051	SOFTWARE ENGINEERING	28	40	3
15BQ1A0526	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15BQ1A0526	RT32053	COMPUTER NETWORKS	22	48	3
15BQ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
15BQ1A0526	RT32055	WEB TECHNOLOGIES	25	39	3
15BQ1A0526	RT32056	IPR AND PATENTS	22	55	2
15BQ1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0526	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A0526	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0527	RT32051	SOFTWARE ENGINEERING	28	63	3
15BQ1A0527	RT32052	DATA WARE HOUSING AND MINING	25	39	3
15BQ1A0527	RT32053	COMPUTER NETWORKS	15	41	3
15BQ1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	38	3
15BQ1A0527	RT32055	WEB TECHNOLOGIES	27	38	3
15BQ1A0527	RT32056	IPR AND PATENTS	22	30	2
15BQ1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0527	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15BQ1A0527	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15BQ1A0528	RT32051	SOFTWARE ENGINEERING	29	54	3
15BQ1A0528	RT32052	DATA WARE HOUSING AND MINING	24	53	3
15BQ1A0528	RT32053	COMPUTER NETWORKS	24	24	3
15BQ1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	33	3
15BQ1A0528	RT32055	WEB TECHNOLOGIES	25	40	3
15BQ1A0528	RT32056	IPR AND PATENTS	24	43	2
15BQ1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A0528	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0528	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A0529	RT32051	SOFTWARE ENGINEERING	21	42	3
15BQ1A0529	RT32052	DATA WARE HOUSING AND MINING	24	46	3
15BQ1A0529	RT32053	COMPUTER NETWORKS	16	40	3
15BQ1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	36	3
15BQ1A0529	RT32055	WEB TECHNOLOGIES	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0529	RT32056	IPR AND PATENTS	22	40	2
15BQ1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	44	2
15BQ1A0529	RT32058	SOFTWARE ENGINEERING LAB	19	30	2
15BQ1A0529	RT32059	WEB TECHNOLOGIES LAB	18	42	2
15BQ1A0530	RT32051	SOFTWARE ENGINEERING	27	43	3
15BQ1A0530	RT32052	DATA WARE HOUSING AND MINING	26	36	3
15BQ1A0530	RT32053	COMPUTER NETWORKS	24	34	3
15BQ1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	53	3
15BQ1A0530	RT32055	WEB TECHNOLOGIES	29	44	3
15BQ1A0530	RT32056	IPR AND PATENTS	22	35	2
15BQ1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0530	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15BQ1A0530	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15BQ1A0531	RT32051	SOFTWARE ENGINEERING	21	54	3
15BQ1A0531	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15BQ1A0531	RT32053	COMPUTER NETWORKS	18	41	3
15BQ1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	26	3
15BQ1A0531	RT32055	WEB TECHNOLOGIES	21	8	0
15BQ1A0531	RT32056	IPR AND PATENTS	19	26	2
15BQ1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	42	2
15BQ1A0531	RT32058	SOFTWARE ENGINEERING LAB	17	30	2
15BQ1A0531	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15BQ1A0532	RT32051	SOFTWARE ENGINEERING	24	56	3
15BQ1A0532	RT32052	DATA WARE HOUSING AND MINING	28	52	3
15BQ1A0532	RT32053	COMPUTER NETWORKS	26	28	3
15BQ1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	52	3
15BQ1A0532	RT32055	WEB TECHNOLOGIES	26	59	3
15BQ1A0532	RT32056	IPR AND PATENTS	20	44	2
15BQ1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	46	2
15BQ1A0532	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A0532	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0534	RT32051	SOFTWARE ENGINEERING	24	48	3
15BQ1A0534	RT32052	DATA WARE HOUSING AND MINING	23	45	3
15BQ1A0534	RT32053	COMPUTER NETWORKS	27	43	3
15BQ1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	34	3
15BQ1A0534	RT32055	WEB TECHNOLOGIES	22	33	3
15BQ1A0534	RT32056	IPR AND PATENTS	19	46	2
15BQ1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A0534	RT32058	SOFTWARE ENGINEERING LAB	20	31	2
15BQ1A0534	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15BQ1A0535	RT32051	SOFTWARE ENGINEERING	26	46	3
15BQ1A0535	RT32052	DATA WARE HOUSING AND MINING	27	40	3
15BQ1A0535	RT32053	COMPUTER NETWORKS	27	37	3
15BQ1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	53	3
15BQ1A0535	RT32055	WEB TECHNOLOGIES	29	37	3
15BQ1A0535	RT32056	IPR AND PATENTS	22	56	2
15BQ1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15BQ1A0535	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15BQ1A0535	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0536	RT32051	SOFTWARE ENGINEERING	17	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0536	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15BQ1A0536	RT32053	COMPUTER NETWORKS	19	38	3
15BQ1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	34	3
15BQ1A0536	RT32055	WEB TECHNOLOGIES	28	14	0
15BQ1A0536	RT32056	IPR AND PATENTS	21	32	2
15BQ1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A0536	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A0536	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BQ1A0537	RT32051	SOFTWARE ENGINEERING	24	53	3
15BQ1A0537	RT32052	DATA WARE HOUSING AND MINING	28	67	3
15BQ1A0537	RT32053	COMPUTER NETWORKS	23	39	3
15BQ1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	50	3
15BQ1A0537	RT32055	WEB TECHNOLOGIES	22	60	3
15BQ1A0537	RT32056	IPR AND PATENTS	24	63	2
15BQ1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15BQ1A0537	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A0537	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15BQ1A0538	RT32051	SOFTWARE ENGINEERING	26	45	3
15BQ1A0538	RT32052	DATA WARE HOUSING AND MINING	25	52	3
15BQ1A0538	RT32053	COMPUTER NETWORKS	28	42	3
15BQ1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	61	3
15BQ1A0538	RT32055	WEB TECHNOLOGIES	16	41	3
15BQ1A0538	RT32056	IPR AND PATENTS	17	46	2
15BQ1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15BQ1A0538	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15BQ1A0538	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A0539	RT32051	SOFTWARE ENGINEERING	29	38	3
15BQ1A0539	RT32052	DATA WARE HOUSING AND MINING	28	38	3
15BQ1A0539	RT32053	COMPUTER NETWORKS	28	37	3
15BQ1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	54	3
15BQ1A0539	RT32055	WEB TECHNOLOGIES	30	47	3
15BQ1A0539	RT32056	IPR AND PATENTS	24	55	2
15BQ1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0539	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15BQ1A0539	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A0540	RT32051	SOFTWARE ENGINEERING	27	52	3
15BQ1A0540	RT32052	DATA WARE HOUSING AND MINING	26	24	3
15BQ1A0540	RT32053	COMPUTER NETWORKS	23	47	3
15BQ1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15BQ1A0540	RT32055	WEB TECHNOLOGIES	27	28	3
15BQ1A0540	RT32056	IPR AND PATENTS	21	34	2
15BQ1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15BQ1A0540	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0540	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A0542	RT32051	SOFTWARE ENGINEERING	25	52	3
15BQ1A0542	RT32052	DATA WARE HOUSING AND MINING	26	48	3
15BQ1A0542	RT32053	COMPUTER NETWORKS	25	35	3
15BQ1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15BQ1A0542	RT32055	WEB TECHNOLOGIES	29	56	3
15BQ1A0542	RT32056	IPR AND PATENTS	27	37	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A0542	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0542	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0543	RT32051	SOFTWARE ENGINEERING	28	31	3
15BQ1A0543	RT32052	DATA WARE HOUSING AND MINING	27	56	3
15BQ1A0543	RT32053	COMPUTER NETWORKS	26	46	3
15BQ1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	45	3
15BQ1A0543	RT32055	WEB TECHNOLOGIES	28	38	3
15BQ1A0543	RT32056	IPR AND PATENTS	25	46	2
15BQ1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0543	RT32058	SOFTWARE ENGINEERING LAB	20	34	2
15BQ1A0543	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0544	RT32051	SOFTWARE ENGINEERING	19	32	3
15BQ1A0544	RT32052	DATA WARE HOUSING AND MINING	23	7	0
15BQ1A0544	RT32053	COMPUTER NETWORKS	16	31	3
15BQ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	33	3
15BQ1A0544	RT32055	WEB TECHNOLOGIES	17	8	0
15BQ1A0544	RT32056	IPR AND PATENTS	20	12	0
15BQ1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15BQ1A0544	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15BQ1A0544	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15BQ1A0545	RT32051	SOFTWARE ENGINEERING	27	52	3
15BQ1A0545	RT32052	DATA WARE HOUSING AND MINING	26	59	3
15BQ1A0545	RT32053	COMPUTER NETWORKS	25	44	3
15BQ1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	56	3
15BQ1A0545	RT32055	WEB TECHNOLOGIES	26	37	3
15BQ1A0545	RT32056	IPR AND PATENTS	22	28	2
15BQ1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0545	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A0545	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A0546	RT32051	SOFTWARE ENGINEERING	20	47	3
15BQ1A0546	RT32052	DATA WARE HOUSING AND MINING	23	34	3
15BQ1A0546	RT32053	COMPUTER NETWORKS	23	16	0
15BQ1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	44	3
15BQ1A0546	RT32055	WEB TECHNOLOGIES	20	42	3
15BQ1A0546	RT32056	IPR AND PATENTS	20	33	2
15BQ1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	48	2
15BQ1A0546	RT32058	SOFTWARE ENGINEERING LAB	19	32	2
15BQ1A0546	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BQ1A0547	RT32051	SOFTWARE ENGINEERING	24	48	3
15BQ1A0547	RT32052	DATA WARE HOUSING AND MINING	25	50	3
15BQ1A0547	RT32053	COMPUTER NETWORKS	22	41	3
15BQ1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15BQ1A0547	RT32055	WEB TECHNOLOGIES	26	47	3
15BQ1A0547	RT32056	IPR AND PATENTS	24	46	2
15BQ1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15BQ1A0547	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0547	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A0548	RT32051	SOFTWARE ENGINEERING	20	24	3
15BQ1A0548	RT32052	DATA WARE HOUSING AND MINING	16	16	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0548	RT32053	COMPUTER NETWORKS	19	24	3
15BQ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	26	3
15BQ1A0548	RT32055	WEB TECHNOLOGIES	24	33	3
15BQ1A0548	RT32056	IPR AND PATENTS	16	15	0
15BQ1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A0548	RT32058	SOFTWARE ENGINEERING LAB	17	31	2
15BQ1A0548	RT32059	WEB TECHNOLOGIES LAB	18	45	2
15BQ1A0549	RT32051	SOFTWARE ENGINEERING	23	36	3
15BQ1A0549	RT32052	DATA WARE HOUSING AND MINING	23	30	3
15BQ1A0549	RT32053	COMPUTER NETWORKS	26	44	3
15BQ1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	34	3
15BQ1A0549	RT32055	WEB TECHNOLOGIES	21	11	0
15BQ1A0549	RT32056	IPR AND PATENTS	21	25	2
15BQ1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15BQ1A0549	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15BQ1A0549	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15BQ1A0550	RT32051	SOFTWARE ENGINEERING	23	53	3
15BQ1A0550	RT32052	DATA WARE HOUSING AND MINING	29	54	3
15BQ1A0550	RT32053	COMPUTER NETWORKS	28	28	3
15BQ1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	54	3
15BQ1A0550	RT32055	WEB TECHNOLOGIES	29	52	3
15BQ1A0550	RT32056	IPR AND PATENTS	24	47	2
15BQ1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A0550	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BQ1A0550	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0551	RT32051	SOFTWARE ENGINEERING	27	52	3
15BQ1A0551	RT32052	DATA WARE HOUSING AND MINING	27	52	3
15BQ1A0551	RT32053	COMPUTER NETWORKS	28	42	3
15BQ1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	48	3
15BQ1A0551	RT32055	WEB TECHNOLOGIES	28	46	3
15BQ1A0551	RT32056	IPR AND PATENTS	24	50	2
15BQ1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A0551	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0551	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0552	RT32051	SOFTWARE ENGINEERING	26	38	3
15BQ1A0552	RT32052	DATA WARE HOUSING AND MINING	29	38	3
15BQ1A0552	RT32053	COMPUTER NETWORKS	26	39	3
15BQ1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	48	3
15BQ1A0552	RT32055	WEB TECHNOLOGIES	26	51	3
15BQ1A0552	RT32056	IPR AND PATENTS	24	42	2
15BQ1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15BQ1A0552	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0552	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0553	RT32051	SOFTWARE ENGINEERING	28	70	3
15BQ1A0553	RT32052	DATA WARE HOUSING AND MINING	28	46	3
15BQ1A0553	RT32053	COMPUTER NETWORKS	29	56	3
15BQ1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	42	3
15BQ1A0553	RT32055	WEB TECHNOLOGIES	28	58	3
15BQ1A0553	RT32056	IPR AND PATENTS	25	51	2
15BQ1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0553	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0553	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0554	RT32051	SOFTWARE ENGINEERING	26	54	3
15BQ1A0554	RT32052	DATA WARE HOUSING AND MINING	29	63	3
15BQ1A0554	RT32053	COMPUTER NETWORKS	29	34	3
15BQ1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	41	3
15BQ1A0554	RT32055	WEB TECHNOLOGIES	30	64	3
15BQ1A0554	RT32056	IPR AND PATENTS	23	40	2
15BQ1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A0554	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15BQ1A0554	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0555	RT32051	SOFTWARE ENGINEERING	28	48	3
15BQ1A0555	RT32052	DATA WARE HOUSING AND MINING	27	55	3
15BQ1A0555	RT32053	COMPUTER NETWORKS	26	50	3
15BQ1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	39	3
15BQ1A0555	RT32055	WEB TECHNOLOGIES	30	50	3
15BQ1A0555	RT32056	IPR AND PATENTS	24	50	2
15BQ1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0555	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A0555	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0556	RT32051	SOFTWARE ENGINEERING	25	41	3
15BQ1A0556	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A0556	RT32053	COMPUTER NETWORKS	27	38	3
15BQ1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	51	3
15BQ1A0556	RT32055	WEB TECHNOLOGIES	28	33	3
15BQ1A0556	RT32056	IPR AND PATENTS	22	60	2
15BQ1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
15BQ1A0556	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15BQ1A0556	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A0557	RT32051	SOFTWARE ENGINEERING	22	49	3
15BQ1A0557	RT32052	DATA WARE HOUSING AND MINING	23	27	3
15BQ1A0557	RT32053	COMPUTER NETWORKS	22	46	3
15BQ1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3
15BQ1A0557	RT32055	WEB TECHNOLOGIES	28	30	3
15BQ1A0557	RT32056	IPR AND PATENTS	23	27	2
15BQ1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BQ1A0557	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15BQ1A0557	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A0558	RT32051	SOFTWARE ENGINEERING	19	44	3
15BQ1A0558	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A0558	RT32053	COMPUTER NETWORKS	18	24	3
15BQ1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	50	3
15BQ1A0558	RT32055	WEB TECHNOLOGIES	18	48	3
15BQ1A0558	RT32056	IPR AND PATENTS	21	33	2
15BQ1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	48	2
15BQ1A0558	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A0558	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15BQ1A0559	RT32051	SOFTWARE ENGINEERING	26	53	3
15BQ1A0559	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15BQ1A0559	RT32053	COMPUTER NETWORKS	27	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15BQ1A0559	RT32055	WEB TECHNOLOGIES	26	44	3
15BQ1A0559	RT32056	IPR AND PATENTS	21	46	2
15BQ1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15BQ1A0559	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15BQ1A0559	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15BQ1A0560	RT32051	SOFTWARE ENGINEERING	24	36	3
15BQ1A0560	RT32052	DATA WARE HOUSING AND MINING	26	28	3
15BQ1A0560	RT32053	COMPUTER NETWORKS	24	38	3
15BQ1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	49	3
15BQ1A0560	RT32055	WEB TECHNOLOGIES	28	47	3
15BQ1A0560	RT32056	IPR AND PATENTS	23	24	2
15BQ1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0560	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A0560	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A0561	RT32051	SOFTWARE ENGINEERING	17	24	3
15BQ1A0561	RT32052	DATA WARE HOUSING AND MINING	18	12	0
15BQ1A0561	RT32053	COMPUTER NETWORKS	18	24	3
15BQ1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15BQ1A0561	RT32055	WEB TECHNOLOGIES	17	19	0
15BQ1A0561	RT32056	IPR AND PATENTS	17	24	2
15BQ1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	35	2
15BQ1A0561	RT32058	SOFTWARE ENGINEERING LAB	12	30	2
15BQ1A0561	RT32059	WEB TECHNOLOGIES LAB	12	35	2
15BQ1A0562	RT32051	SOFTWARE ENGINEERING	26	51	3
15BQ1A0562	RT32052	DATA WARE HOUSING AND MINING	27	17	0
15BQ1A0562	RT32053	COMPUTER NETWORKS	26	29	3
15BQ1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	55	3
15BQ1A0562	RT32055	WEB TECHNOLOGIES	28	51	3
15BQ1A0562	RT32056	IPR AND PATENTS	19	33	2
15BQ1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A0562	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15BQ1A0562	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15BQ1A0563	RT32051	SOFTWARE ENGINEERING	24	51	3
15BQ1A0563	RT32052	DATA WARE HOUSING AND MINING	27	55	3
15BQ1A0563	RT32053	COMPUTER NETWORKS	26	42	3
15BQ1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	38	3
15BQ1A0563	RT32055	WEB TECHNOLOGIES	29	49	3
15BQ1A0563	RT32056	IPR AND PATENTS	24	51	2
15BQ1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	49	2
15BQ1A0563	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A0563	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0564	RT32051	SOFTWARE ENGINEERING	28	37	3
15BQ1A0564	RT32052	DATA WARE HOUSING AND MINING	28	37	3
15BQ1A0564	RT32053	COMPUTER NETWORKS	27	38	3
15BQ1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	49	3
15BQ1A0564	RT32055	WEB TECHNOLOGIES	30	49	3
15BQ1A0564	RT32056	IPR AND PATENTS	25	52	2
15BQ1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0564	RT32058	SOFTWARE ENGINEERING LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0564	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0565	RT32051	SOFTWARE ENGINEERING	16	30	3
15BQ1A0565	RT32052	DATA WARE HOUSING AND MINING	16	11	0
15BQ1A0565	RT32053	COMPUTER NETWORKS	20	31	3
15BQ1A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	28	3
15BQ1A0565	RT32055	WEB TECHNOLOGIES	17	12	0
15BQ1A0565	RT32056	IPR AND PATENTS	16	24	2
15BQ1A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15BQ1A0565	RT32058	SOFTWARE ENGINEERING LAB	15	30	2
15BQ1A0565	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15BQ1A0566	RT32051	SOFTWARE ENGINEERING	24	39	3
15BQ1A0566	RT32052	DATA WARE HOUSING AND MINING	26	48	3
15BQ1A0566	RT32053	COMPUTER NETWORKS	22	28	3
15BQ1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	45	3
15BQ1A0566	RT32055	WEB TECHNOLOGIES	22	53	3
15BQ1A0566	RT32056	IPR AND PATENTS	20	55	2
15BQ1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A0566	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15BQ1A0566	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A0567	RT32051	SOFTWARE ENGINEERING	28	48	3
15BQ1A0567	RT32052	DATA WARE HOUSING AND MINING	28	51	3
15BQ1A0567	RT32053	COMPUTER NETWORKS	24	44	3
15BQ1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15BQ1A0567	RT32055	WEB TECHNOLOGIES	28	44	3
15BQ1A0567	RT32056	IPR AND PATENTS	23	52	2
15BQ1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	44	2
15BQ1A0567	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0567	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15BQ1A0569	RT32051	SOFTWARE ENGINEERING	19	31	3
15BQ1A0569	RT32052	DATA WARE HOUSING AND MINING	22	10	0
15BQ1A0569	RT32053	COMPUTER NETWORKS	25	46	3
15BQ1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	30	3
15BQ1A0569	RT32055	WEB TECHNOLOGIES	24	37	3
15BQ1A0569	RT32056	IPR AND PATENTS	20	35	2
15BQ1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15BQ1A0569	RT32058	SOFTWARE ENGINEERING LAB	21	31	2
15BQ1A0569	RT32059	WEB TECHNOLOGIES LAB	17	40	2
15BQ1A0570	RT32051	SOFTWARE ENGINEERING	28	43	3
15BQ1A0570	RT32052	DATA WARE HOUSING AND MINING	26	41	3
15BQ1A0570	RT32053	COMPUTER NETWORKS	27	57	3
15BQ1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	55	3
15BQ1A0570	RT32055	WEB TECHNOLOGIES	30	48	3
15BQ1A0570	RT32056	IPR AND PATENTS	23	33	2
15BQ1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0570	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0570	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0571	RT32051	SOFTWARE ENGINEERING	23	28	3
15BQ1A0571	RT32052	DATA WARE HOUSING AND MINING	19	37	3
15BQ1A0571	RT32053	COMPUTER NETWORKS	23	28	3
15BQ1A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0571	RT32055	WEB TECHNOLOGIES	25	39	3
15BQ1A0571	RT32056	IPR AND PATENTS	22	33	2
15BQ1A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15BQ1A0571	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A0571	RT32059	WEB TECHNOLOGIES LAB	19	41	2
15BQ1A0572	RT32051	SOFTWARE ENGINEERING	22	28	3
15BQ1A0572	RT32052	DATA WARE HOUSING AND MINING	23	44	3
15BQ1A0572	RT32053	COMPUTER NETWORKS	23	35	3
15BQ1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
15BQ1A0572	RT32055	WEB TECHNOLOGIES	26	15	0
15BQ1A0572	RT32056	IPR AND PATENTS	20	46	2
15BQ1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15BQ1A0572	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15BQ1A0572	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15BQ1A0573	RT32051	SOFTWARE ENGINEERING	17	31	3
15BQ1A0573	RT32052	DATA WARE HOUSING AND MINING	17	2	0
15BQ1A0573	RT32053	COMPUTER NETWORKS	18	31	3
15BQ1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	29	3
15BQ1A0573	RT32055	WEB TECHNOLOGIES	17	4	0
15BQ1A0573	RT32056	IPR AND PATENTS	16	34	2
15BQ1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	34	2
15BQ1A0573	RT32058	SOFTWARE ENGINEERING LAB	17	30	2
15BQ1A0573	RT32059	WEB TECHNOLOGIES LAB	15	44	2
15BQ1A0574	RT32051	SOFTWARE ENGINEERING	26	48	3
15BQ1A0574	RT32052	DATA WARE HOUSING AND MINING	24	50	3
15BQ1A0574	RT32053	COMPUTER NETWORKS	26	43	3
15BQ1A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	50	3
15BQ1A0574	RT32055	WEB TECHNOLOGIES	28	37	3
15BQ1A0574	RT32056	IPR AND PATENTS	20	24	2
15BQ1A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A0574	RT32058	SOFTWARE ENGINEERING LAB	22	39	2
15BQ1A0574	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BQ1A0575	RT32051	SOFTWARE ENGINEERING	28	56	3
15BQ1A0575	RT32052	DATA WARE HOUSING AND MINING	26	56	3
15BQ1A0575	RT32053	COMPUTER NETWORKS	27	29	3
15BQ1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	53	3
15BQ1A0575	RT32055	WEB TECHNOLOGIES	28	49	3
15BQ1A0575	RT32056	IPR AND PATENTS	24	33	2
15BQ1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15BQ1A0575	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15BQ1A0575	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0576	RT32051	SOFTWARE ENGINEERING	26	48	3
15BQ1A0576	RT32052	DATA WARE HOUSING AND MINING	24	47	3
15BQ1A0576	RT32053	COMPUTER NETWORKS	24	47	3
15BQ1A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15BQ1A0576	RT32055	WEB TECHNOLOGIES	26	44	3
15BQ1A0576	RT32056	IPR AND PATENTS	22	46	2
15BQ1A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15BQ1A0576	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15BQ1A0576	RT32059	WEB TECHNOLOGIES LAB	20	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0577	RT32051	SOFTWARE ENGINEERING	16	31	3
15BQ1A0577	RT32052	DATA WARE HOUSING AND MINING	17	25	3
15BQ1A0577	RT32053	COMPUTER NETWORKS	21	16	0
15BQ1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	35	3
15BQ1A0577	RT32055	WEB TECHNOLOGIES	18	17	0
15BQ1A0577	RT32056	IPR AND PATENTS	16	30	2
15BQ1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	20	2
15BQ1A0577	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
15BQ1A0577	RT32059	WEB TECHNOLOGIES LAB	12	35	2
15BQ1A0578	RT32051	SOFTWARE ENGINEERING	27	40	3
15BQ1A0578	RT32052	DATA WARE HOUSING AND MINING	25	31	3
15BQ1A0578	RT32053	COMPUTER NETWORKS	26	40	3
15BQ1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15BQ1A0578	RT32055	WEB TECHNOLOGIES	29	29	3
15BQ1A0578	RT32056	IPR AND PATENTS	23	31	2
15BQ1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0578	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0578	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15BQ1A0579	RT32051	SOFTWARE ENGINEERING	25	56	3
15BQ1A0579	RT32052	DATA WARE HOUSING AND MINING	25	46	3
15BQ1A0579	RT32053	COMPUTER NETWORKS	26	41	3
15BQ1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	43	3
15BQ1A0579	RT32055	WEB TECHNOLOGIES	28	57	3
15BQ1A0579	RT32056	IPR AND PATENTS	22	55	2
15BQ1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	39	2
15BQ1A0579	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15BQ1A0579	RT32059	WEB TECHNOLOGIES LAB	21	49	2
15BQ1A0580	RT32051	SOFTWARE ENGINEERING	26	54	3
15BQ1A0580	RT32052	DATA WARE HOUSING AND MINING	26	50	3
15BQ1A0580	RT32053	COMPUTER NETWORKS	25	46	3
15BQ1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	48	3
15BQ1A0580	RT32055	WEB TECHNOLOGIES	28	43	3
15BQ1A0580	RT32056	IPR AND PATENTS	26	58	2
15BQ1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15BQ1A0580	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
15BQ1A0580	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A0581	RT32051	SOFTWARE ENGINEERING	23	29	3
15BQ1A0581	RT32052	DATA WARE HOUSING AND MINING	18	25	3
15BQ1A0581	RT32053	COMPUTER NETWORKS	22	24	3
15BQ1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	28	3
15BQ1A0581	RT32055	WEB TECHNOLOGIES	18	9	0
15BQ1A0581	RT32056	IPR AND PATENTS	22	8	0
15BQ1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A0581	RT32058	SOFTWARE ENGINEERING LAB	16	29	2
15BQ1A0581	RT32059	WEB TECHNOLOGIES LAB	16	32	2
15BQ1A0582	RT32051	SOFTWARE ENGINEERING	27	39	3
15BQ1A0582	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A0582	RT32053	COMPUTER NETWORKS	25	36	3
15BQ1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	29	3
15BQ1A0582	RT32055	WEB TECHNOLOGIES	26	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0582	RT32056	IPR AND PATENTS	22	32	2
15BQ1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
15BQ1A0582	RT32058	SOFTWARE ENGINEERING LAB	20	37	2
15BQ1A0582	RT32059	WEB TECHNOLOGIES LAB	20	47	2
15BQ1A0583	RT32051	SOFTWARE ENGINEERING	19	36	3
15BQ1A0583	RT32052	DATA WARE HOUSING AND MINING	21	30	3
15BQ1A0583	RT32053	COMPUTER NETWORKS	22	28	3
15BQ1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	49	3
15BQ1A0583	RT32055	WEB TECHNOLOGIES	20	47	3
15BQ1A0583	RT32056	IPR AND PATENTS	18	55	2
15BQ1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	30	2
15BQ1A0583	RT32058	SOFTWARE ENGINEERING LAB	15	29	2
15BQ1A0583	RT32059	WEB TECHNOLOGIES LAB	16	40	2
15BQ1A0585	RT32051	SOFTWARE ENGINEERING	26	44	3
15BQ1A0585	RT32052	DATA WARE HOUSING AND MINING	25	38	3
15BQ1A0585	RT32053	COMPUTER NETWORKS	26	38	3
15BQ1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	56	3
15BQ1A0585	RT32055	WEB TECHNOLOGIES	27	43	3
15BQ1A0585	RT32056	IPR AND PATENTS	23	38	2
15BQ1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A0585	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
15BQ1A0585	RT32059	WEB TECHNOLOGIES LAB	21	49	2
15BQ1A0586	RT32051	SOFTWARE ENGINEERING	23	31	3
15BQ1A0586	RT32052	DATA WARE HOUSING AND MINING	27	31	3
15BQ1A0586	RT32053	COMPUTER NETWORKS	20	27	3
15BQ1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	33	3
15BQ1A0586	RT32055	WEB TECHNOLOGIES	25	26	3
15BQ1A0586	RT32056	IPR AND PATENTS	21	31	2
15BQ1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	36	2
15BQ1A0586	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15BQ1A0586	RT32059	WEB TECHNOLOGIES LAB	16	46	2
15BQ1A0587	RT32051	SOFTWARE ENGINEERING	25	34	3
15BQ1A0587	RT32052	DATA WARE HOUSING AND MINING	23	25	3
15BQ1A0587	RT32053	COMPUTER NETWORKS	16	28	3
15BQ1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	42	3
15BQ1A0587	RT32055	WEB TECHNOLOGIES	25	2	0
15BQ1A0587	RT32056	IPR AND PATENTS	17	26	2
15BQ1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15BQ1A0587	RT32058	SOFTWARE ENGINEERING LAB	20	32	2
15BQ1A0587	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15BQ1A0588	RT32051	SOFTWARE ENGINEERING	26	41	3
15BQ1A0588	RT32052	DATA WARE HOUSING AND MINING	25	24	3
15BQ1A0588	RT32053	COMPUTER NETWORKS	25	34	3
15BQ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	50	3
15BQ1A0588	RT32055	WEB TECHNOLOGIES	27	48	3
15BQ1A0588	RT32056	IPR AND PATENTS	21	41	2
15BQ1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15BQ1A0588	RT32058	SOFTWARE ENGINEERING LAB	18	34	2
15BQ1A0588	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15BQ1A0589	RT32051	SOFTWARE ENGINEERING	25	39	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0589	RT32052	DATA WARE HOUSING AND MINING	25	32	3
15BQ1A0589	RT32053	COMPUTER NETWORKS	24	33	3
15BQ1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15BQ1A0589	RT32055	WEB TECHNOLOGIES	22	32	3
15BQ1A0589	RT32056	IPR AND PATENTS	18	44	2
15BQ1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15BQ1A0589	RT32058	SOFTWARE ENGINEERING LAB	19	37	2
15BQ1A0589	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15BQ1A0590	RT32051	SOFTWARE ENGINEERING	21	40	3
15BQ1A0590	RT32052	DATA WARE HOUSING AND MINING	25	33	3
15BQ1A0590	RT32053	COMPUTER NETWORKS	19	30	3
15BQ1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	29	3
15BQ1A0590	RT32055	WEB TECHNOLOGIES	18	14	0
15BQ1A0590	RT32056	IPR AND PATENTS	17	35	2
15BQ1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
15BQ1A0590	RT32058	SOFTWARE ENGINEERING LAB	16	30	2
15BQ1A0590	RT32059	WEB TECHNOLOGIES LAB	19	41	2
15BQ1A0591	RT32051	SOFTWARE ENGINEERING	20	37	3
15BQ1A0591	RT32052	DATA WARE HOUSING AND MINING	19	34	3
15BQ1A0591	RT32053	COMPUTER NETWORKS	16	28	3
15BQ1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
15BQ1A0591	RT32055	WEB TECHNOLOGIES	16	13	0
15BQ1A0591	RT32056	IPR AND PATENTS	19	24	2
15BQ1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A0591	RT32058	SOFTWARE ENGINEERING LAB	15	32	2
15BQ1A0591	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15BQ1A0592	RT32051	SOFTWARE ENGINEERING	24	43	3
15BQ1A0592	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15BQ1A0592	RT32053	COMPUTER NETWORKS	23	32	3
15BQ1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	42	3
15BQ1A0592	RT32055	WEB TECHNOLOGIES	26	48	3
15BQ1A0592	RT32056	IPR AND PATENTS	19	33	2
15BQ1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	49	2
15BQ1A0592	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BQ1A0592	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A0593	RT32051	SOFTWARE ENGINEERING	27	40	3
15BQ1A0593	RT32052	DATA WARE HOUSING AND MINING	25	40	3
15BQ1A0593	RT32053	COMPUTER NETWORKS	25	33	3
15BQ1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15BQ1A0593	RT32055	WEB TECHNOLOGIES	27	40	3
15BQ1A0593	RT32056	IPR AND PATENTS	21	48	2
15BQ1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	50	2
15BQ1A0593	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15BQ1A0593	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15BQ1A0594	RT32051	SOFTWARE ENGINEERING	26	40	3
15BQ1A0594	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15BQ1A0594	RT32053	COMPUTER NETWORKS	26	32	3
15BQ1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	37	3
15BQ1A0594	RT32055	WEB TECHNOLOGIES	25	26	3
15BQ1A0594	RT32056	IPR AND PATENTS	20	61	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15BQ1A0594	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15BQ1A0594	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15BQ1A0595	RT32051	SOFTWARE ENGINEERING	23	30	3
15BQ1A0595	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A0595	RT32053	COMPUTER NETWORKS	25	28	3
15BQ1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	36	3
15BQ1A0595	RT32055	WEB TECHNOLOGIES	26	24	3
15BQ1A0595	RT32056	IPR AND PATENTS	19	27	2
15BQ1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BQ1A0595	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
15BQ1A0595	RT32059	WEB TECHNOLOGIES LAB	16	42	2
15BQ1A0596	RT32051	SOFTWARE ENGINEERING	27	48	3
15BQ1A0596	RT32052	DATA WARE HOUSING AND MINING	27	37	3
15BQ1A0596	RT32053	COMPUTER NETWORKS	28	35	3
15BQ1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
15BQ1A0596	RT32055	WEB TECHNOLOGIES	30	55	3
15BQ1A0596	RT32056	IPR AND PATENTS	20	52	2
15BQ1A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A0596	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15BQ1A0596	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15BQ1A0598	RT32051	SOFTWARE ENGINEERING	24	40	3
15BQ1A0598	RT32052	DATA WARE HOUSING AND MINING	26	46	3
15BQ1A0598	RT32053	COMPUTER NETWORKS	28	41	3
15BQ1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	63	3
15BQ1A0598	RT32055	WEB TECHNOLOGIES	26	47	3
15BQ1A0598	RT32056	IPR AND PATENTS	17	48	2
15BQ1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A0598	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A0598	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A0599	RT32051	SOFTWARE ENGINEERING	24	45	3
15BQ1A0599	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15BQ1A0599	RT32053	COMPUTER NETWORKS	25	40	3
15BQ1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	42	3
15BQ1A0599	RT32055	WEB TECHNOLOGIES	28	37	3
15BQ1A0599	RT32056	IPR AND PATENTS	24	41	2
15BQ1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15BQ1A0599	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15BQ1A0599	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15BQ1A05A0	RT32051	SOFTWARE ENGINEERING	24	48	3
15BQ1A05A0	RT32052	DATA WARE HOUSING AND MINING	24	27	3
15BQ1A05A0	RT32053	COMPUTER NETWORKS	17	29	3
15BQ1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	31	3
15BQ1A05A0	RT32055	WEB TECHNOLOGIES	24	28	3
15BQ1A05A0	RT32056	IPR AND PATENTS	22	24	2
15BQ1A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	45	2
15BQ1A05A0	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15BQ1A05A0	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BQ1A05A1	RT32051	SOFTWARE ENGINEERING	27	46	3
15BQ1A05A1	RT32052	DATA WARE HOUSING AND MINING	24	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05A1	RT32053	COMPUTER NETWORKS	25	34	3
15BQ1A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15BQ1A05A1	RT32055	WEB TECHNOLOGIES	26	51	3
15BQ1A05A1	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15BQ1A05A1	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15BQ1A05A1	RT32059	WEB TECHNOLOGIES LAB	18	47	2
15BQ1A05A2	RT32051	SOFTWARE ENGINEERING	26	42	3
15BQ1A05A2	RT32052	DATA WARE HOUSING AND MINING	25	34	3
15BQ1A05A2	RT32053	COMPUTER NETWORKS	24	40	3
15BQ1A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	39	3
15BQ1A05A2	RT32055	WEB TECHNOLOGIES	25	47	3
15BQ1A05A2	RT32056	IPR AND PATENTS	20	46	2
15BQ1A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A05A2	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A05A2	RT32059	WEB TECHNOLOGIES LAB	19	46	2
15BQ1A05A3	RT32051	SOFTWARE ENGINEERING	25	32	3
15BQ1A05A3	RT32052	DATA WARE HOUSING AND MINING	26	9	0
15BQ1A05A3	RT32053	COMPUTER NETWORKS	22	28	3
15BQ1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
15BQ1A05A3	RT32055	WEB TECHNOLOGIES	23	35	3
15BQ1A05A3	RT32056	IPR AND PATENTS	22	58	2
15BQ1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A05A3	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15BQ1A05A3	RT32059	WEB TECHNOLOGIES LAB	21	46	2
15BQ1A05A4	RT32051	SOFTWARE ENGINEERING	24	48	3
15BQ1A05A4	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15BQ1A05A4	RT32053	COMPUTER NETWORKS	17	30	3
15BQ1A05A4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	38	3
15BQ1A05A4	RT32055	WEB TECHNOLOGIES	26	39	3
15BQ1A05A4	RT32056	IPR AND PATENTS	22	32	2
15BQ1A05A4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15BQ1A05A4	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15BQ1A05A4	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15BQ1A05A5	RT32051	SOFTWARE ENGINEERING	27	36	3
15BQ1A05A5	RT32052	DATA WARE HOUSING AND MINING	27	46	3
15BQ1A05A5	RT32053	COMPUTER NETWORKS	28	34	3
15BQ1A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	43	3
15BQ1A05A5	RT32055	WEB TECHNOLOGIES	27	32	3
15BQ1A05A5	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
15BQ1A05A5	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15BQ1A05A5	RT32059	WEB TECHNOLOGIES LAB	18	47	2
15BQ1A05A6	RT32051	SOFTWARE ENGINEERING	25	48	3
15BQ1A05A6	RT32052	DATA WARE HOUSING AND MINING	26	57	3
15BQ1A05A6	RT32053	COMPUTER NETWORKS	25	42	3
15BQ1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	58	3
15BQ1A05A6	RT32055	WEB TECHNOLOGIES	27	47	3
15BQ1A05A6	RT32056	IPR AND PATENTS	22	51	2
15BQ1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05A6	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15BQ1A05A6	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A05A8	RT32051	SOFTWARE ENGINEERING	16	34	3
15BQ1A05A8	RT32052	DATA WARE HOUSING AND MINING	15	8	0
15BQ1A05A8	RT32053	COMPUTER NETWORKS	16	26	3
15BQ1A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	39	3
15BQ1A05A8	RT32055	WEB TECHNOLOGIES	12	28	3
15BQ1A05A8	RT32056	IPR AND PATENTS	19	53	2
15BQ1A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	30	2
15BQ1A05A8	RT32058	SOFTWARE ENGINEERING LAB	16	29	2
15BQ1A05A8	RT32059	WEB TECHNOLOGIES LAB	12	30	2
15BQ1A05A9	RT32051	SOFTWARE ENGINEERING	20	34	3
15BQ1A05A9	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15BQ1A05A9	RT32053	COMPUTER NETWORKS	21	28	3
15BQ1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	28	3
15BQ1A05A9	RT32055	WEB TECHNOLOGIES	27	35	3
15BQ1A05A9	RT32056	IPR AND PATENTS	18	26	2
15BQ1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	37	2
15BQ1A05A9	RT32058	SOFTWARE ENGINEERING LAB	17	37	2
15BQ1A05A9	RT32059	WEB TECHNOLOGIES LAB	19	47	2
15BQ1A05B0	RT32051	SOFTWARE ENGINEERING	25	51	3
15BQ1A05B0	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15BQ1A05B0	RT32053	COMPUTER NETWORKS	20	33	3
15BQ1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	32	3
15BQ1A05B0	RT32055	WEB TECHNOLOGIES	25	32	3
15BQ1A05B0	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A05B0	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15BQ1A05B0	RT32059	WEB TECHNOLOGIES LAB	19	46	2
15BQ1A05B2	RT32051	SOFTWARE ENGINEERING	20	43	3
15BQ1A05B2	RT32052	DATA WARE HOUSING AND MINING	18	48	3
15BQ1A05B2	RT32053	COMPUTER NETWORKS	19	24	3
15BQ1A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	49	3
15BQ1A05B2	RT32055	WEB TECHNOLOGIES	23	35	3
15BQ1A05B2	RT32056	IPR AND PATENTS	18	46	2
15BQ1A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	35	2
15BQ1A05B2	RT32058	SOFTWARE ENGINEERING LAB	17	33	2
15BQ1A05B2	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15BQ1A05B3	RT32051	SOFTWARE ENGINEERING	21	30	3
15BQ1A05B3	RT32052	DATA WARE HOUSING AND MINING	17	9	0
15BQ1A05B3	RT32053	COMPUTER NETWORKS	18	13	0
15BQ1A05B3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3
15BQ1A05B3	RT32055	WEB TECHNOLOGIES	21	25	3
15BQ1A05B3	RT32056	IPR AND PATENTS	21	30	2
15BQ1A05B3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	20	2
15BQ1A05B3	RT32058	SOFTWARE ENGINEERING LAB	15	29	2
15BQ1A05B3	RT32059	WEB TECHNOLOGIES LAB	17	38	2
15BQ1A05B4	RT32051	SOFTWARE ENGINEERING	28	34	3
15BQ1A05B4	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A05B4	RT32053	COMPUTER NETWORKS	16	31	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05B4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	27	3
15BQ1A05B4	RT32055	WEB TECHNOLOGIES	20	31	3
15BQ1A05B4	RT32056	IPR AND PATENTS	18	27	2
15BQ1A05B4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	37	2
15BQ1A05B4	RT32058	SOFTWARE ENGINEERING LAB	18	29	2
15BQ1A05B4	RT32059	WEB TECHNOLOGIES LAB	17	35	2
15BQ1A05B5	RT32051	SOFTWARE ENGINEERING	21	29	3
15BQ1A05B5	RT32052	DATA WARE HOUSING AND MINING	22	46	3
15BQ1A05B5	RT32053	COMPUTER NETWORKS	21	28	3
15BQ1A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	29	3
15BQ1A05B5	RT32055	WEB TECHNOLOGIES	25	39	3
15BQ1A05B5	RT32056	IPR AND PATENTS	20	33	2
15BQ1A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15BQ1A05B5	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
15BQ1A05B5	RT32059	WEB TECHNOLOGIES LAB	20	48	2
15BQ1A05B6	RT32051	SOFTWARE ENGINEERING	20	36	3
15BQ1A05B6	RT32052	DATA WARE HOUSING AND MINING	22	29	3
15BQ1A05B6	RT32053	COMPUTER NETWORKS	18	24	3
15BQ1A05B6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	27	3
15BQ1A05B6	RT32055	WEB TECHNOLOGIES	16	10	0
15BQ1A05B6	RT32056	IPR AND PATENTS	17	43	2
15BQ1A05B6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15BQ1A05B6	RT32058	SOFTWARE ENGINEERING LAB	15	30	2
15BQ1A05B6	RT32059	WEB TECHNOLOGIES LAB	17	40	2
15BQ1A05B7	RT32051	SOFTWARE ENGINEERING	26	42	3
15BQ1A05B7	RT32052	DATA WARE HOUSING AND MINING	24	26	3
15BQ1A05B7	RT32053	COMPUTER NETWORKS	18	31	3
15BQ1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	46	3
15BQ1A05B7	RT32055	WEB TECHNOLOGIES	28	40	3
15BQ1A05B7	RT32056	IPR AND PATENTS	24	69	2
15BQ1A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BQ1A05B7	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15BQ1A05B7	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15BQ1A05B8	RT32051	SOFTWARE ENGINEERING	23	24	3
15BQ1A05B8	RT32052	DATA WARE HOUSING AND MINING	20	24	3
15BQ1A05B8	RT32053	COMPUTER NETWORKS	21	4	0
15BQ1A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	13	0
15BQ1A05B8	RT32055	WEB TECHNOLOGIES	23	4	0
15BQ1A05B8	RT32056	IPR AND PATENTS	19	24	2
15BQ1A05B8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	35	2
15BQ1A05B8	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
15BQ1A05B8	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
15BQ1A05B9	RT32051	SOFTWARE ENGINEERING	25	28	3
15BQ1A05B9	RT32052	DATA WARE HOUSING AND MINING	27	38	3
15BQ1A05B9	RT32053	COMPUTER NETWORKS	19	32	3
15BQ1A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	32	3
15BQ1A05B9	RT32055	WEB TECHNOLOGIES	25	39	3
15BQ1A05B9	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	38	2
15BQ1A05B9	RT32058	SOFTWARE ENGINEERING LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05B9	RT32059	WEB TECHNOLOGIES LAB	20	49	2
15BQ1A05C1	RT32051	SOFTWARE ENGINEERING	24	56	3
15BQ1A05C1	RT32052	DATA WARE HOUSING AND MINING	27	57	3
15BQ1A05C1	RT32053	COMPUTER NETWORKS	26	38	3
15BQ1A05C1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	57	3
15BQ1A05C1	RT32055	WEB TECHNOLOGIES	28	41	3
15BQ1A05C1	RT32056	IPR AND PATENTS	21	46	2
15BQ1A05C1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15BQ1A05C1	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15BQ1A05C1	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BQ1A05C2	RT32051	SOFTWARE ENGINEERING	23	36	3
15BQ1A05C2	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15BQ1A05C2	RT32053	COMPUTER NETWORKS	26	34	3
15BQ1A05C2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	57	3
15BQ1A05C2	RT32055	WEB TECHNOLOGIES	24	40	3
15BQ1A05C2	RT32056	IPR AND PATENTS	21	61	2
15BQ1A05C2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15BQ1A05C2	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15BQ1A05C2	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15BQ1A05C3	RT32051	SOFTWARE ENGINEERING	17	44	3
15BQ1A05C3	RT32052	DATA WARE HOUSING AND MINING	24	25	3
15BQ1A05C3	RT32053	COMPUTER NETWORKS	18	29	3
15BQ1A05C3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	28	3
15BQ1A05C3	RT32055	WEB TECHNOLOGIES	19	28	3
15BQ1A05C3	RT32056	IPR AND PATENTS	20	32	2
15BQ1A05C3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	35	2
15BQ1A05C3	RT32058	SOFTWARE ENGINEERING LAB	22	31	2
15BQ1A05C3	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15BQ1A05C4	RT32051	SOFTWARE ENGINEERING	26	52	3
15BQ1A05C4	RT32052	DATA WARE HOUSING AND MINING	28	54	3
15BQ1A05C4	RT32053	COMPUTER NETWORKS	29	44	3
15BQ1A05C4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	51	3
15BQ1A05C4	RT32055	WEB TECHNOLOGIES	29	54	3
15BQ1A05C4	RT32056	IPR AND PATENTS	24	57	2
15BQ1A05C4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05C4	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05C4	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05C5	RT32051	SOFTWARE ENGINEERING	16	43	3
15BQ1A05C5	RT32052	DATA WARE HOUSING AND MINING	21	45	3
15BQ1A05C5	RT32053	COMPUTER NETWORKS	17	37	3
15BQ1A05C5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	44	3
15BQ1A05C5	RT32055	WEB TECHNOLOGIES	25	36	3
15BQ1A05C5	RT32056	IPR AND PATENTS	21	46	2
15BQ1A05C5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15BQ1A05C5	RT32058	SOFTWARE ENGINEERING LAB	19	35	2
15BQ1A05C5	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BQ1A05C6	RT32051	SOFTWARE ENGINEERING	20	36	3
15BQ1A05C6	RT32052	DATA WARE HOUSING AND MINING	20	37	3
15BQ1A05C6	RT32053	COMPUTER NETWORKS	29	32	3
15BQ1A05C6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05C6	RT32055	WEB TECHNOLOGIES	26	43	3
15BQ1A05C6	RT32056	IPR AND PATENTS	24	61	2
15BQ1A05C6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	46	2
15BQ1A05C6	RT32058	SOFTWARE ENGINEERING LAB	17	41	2
15BQ1A05C6	RT32059	WEB TECHNOLOGIES LAB	21	38	2
15BQ1A05C7	RT32051	SOFTWARE ENGINEERING	27	70	3
15BQ1A05C7	RT32052	DATA WARE HOUSING AND MINING	28	55	3
15BQ1A05C7	RT32053	COMPUTER NETWORKS	27	30	3
15BQ1A05C7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	45	3
15BQ1A05C7	RT32055	WEB TECHNOLOGIES	30	50	3
15BQ1A05C7	RT32056	IPR AND PATENTS	23	26	2
15BQ1A05C7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05C7	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15BQ1A05C7	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05C8	RT32051	SOFTWARE ENGINEERING	23	29	3
15BQ1A05C8	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15BQ1A05C8	RT32053	COMPUTER NETWORKS	25	28	3
15BQ1A05C8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15BQ1A05C8	RT32055	WEB TECHNOLOGIES	25	47	3
15BQ1A05C8	RT32056	IPR AND PATENTS	22	36	2
15BQ1A05C8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A05C8	RT32058	SOFTWARE ENGINEERING LAB	21	36	2
15BQ1A05C8	RT32059	WEB TECHNOLOGIES LAB	22	41	2
15BQ1A05C9	RT32051	SOFTWARE ENGINEERING	25	48	3
15BQ1A05C9	RT32052	DATA WARE HOUSING AND MINING	26	54	3
15BQ1A05C9	RT32053	COMPUTER NETWORKS	24	29	3
15BQ1A05C9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	47	3
15BQ1A05C9	RT32055	WEB TECHNOLOGIES	23	40	3
15BQ1A05C9	RT32056	IPR AND PATENTS	21	47	2
15BQ1A05C9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A05C9	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
15BQ1A05C9	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15BQ1A05D0	RT32051	SOFTWARE ENGINEERING	21	31	3
15BQ1A05D0	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15BQ1A05D0	RT32053	COMPUTER NETWORKS	28	32	3
15BQ1A05D0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
15BQ1A05D0	RT32055	WEB TECHNOLOGIES	26	58	3
15BQ1A05D0	RT32056	IPR AND PATENTS	23	61	2
15BQ1A05D0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15BQ1A05D0	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15BQ1A05D0	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15BQ1A05D1	RT32051	SOFTWARE ENGINEERING	18	54	3
15BQ1A05D1	RT32052	DATA WARE HOUSING AND MINING	22	30	3
15BQ1A05D1	RT32053	COMPUTER NETWORKS	19	30	3
15BQ1A05D1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	28	3
15BQ1A05D1	RT32055	WEB TECHNOLOGIES	19	28	3
15BQ1A05D1	RT32056	IPR AND PATENTS	17	27	2
15BQ1A05D1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15BQ1A05D1	RT32058	SOFTWARE ENGINEERING LAB	18	34	2
15BQ1A05D1	RT32059	WEB TECHNOLOGIES LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05D2	RT32051	SOFTWARE ENGINEERING	21	50	3
15BQ1A05D2	RT32052	DATA WARE HOUSING AND MINING	22	37	3
15BQ1A05D2	RT32053	COMPUTER NETWORKS	26	36	3
15BQ1A05D2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	27	3
15BQ1A05D2	RT32055	WEB TECHNOLOGIES	25	35	3
15BQ1A05D2	RT32056	IPR AND PATENTS	20	48	2
15BQ1A05D2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15BQ1A05D2	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BQ1A05D2	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15BQ1A05D3	RT32051	SOFTWARE ENGINEERING	16	36	3
15BQ1A05D3	RT32052	DATA WARE HOUSING AND MINING	19	52	3
15BQ1A05D3	RT32053	COMPUTER NETWORKS	16	2	0
15BQ1A05D3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
15BQ1A05D3	RT32055	WEB TECHNOLOGIES	23	2	0
15BQ1A05D3	RT32056	IPR AND PATENTS	16	33	2
15BQ1A05D3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	28	2
15BQ1A05D3	RT32058	SOFTWARE ENGINEERING LAB	16	29	2
15BQ1A05D3	RT32059	WEB TECHNOLOGIES LAB	12	30	2
15BQ1A05D4	RT32051	SOFTWARE ENGINEERING	21	40	3
15BQ1A05D4	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15BQ1A05D4	RT32053	COMPUTER NETWORKS	27	38	3
15BQ1A05D4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	54	3
15BQ1A05D4	RT32055	WEB TECHNOLOGIES	28	47	3
15BQ1A05D4	RT32056	IPR AND PATENTS	22	48	2
15BQ1A05D4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05D4	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15BQ1A05D4	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15BQ1A05D5	RT32051	SOFTWARE ENGINEERING	22	62	3
15BQ1A05D5	RT32052	DATA WARE HOUSING AND MINING	25	45	3
15BQ1A05D5	RT32053	COMPUTER NETWORKS	28	35	3
15BQ1A05D5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15BQ1A05D5	RT32055	WEB TECHNOLOGIES	24	39	3
15BQ1A05D5	RT32056	IPR AND PATENTS	25	32	2
15BQ1A05D5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05D5	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15BQ1A05D5	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15BQ1A05D6	RT32051	SOFTWARE ENGINEERING	18	51	3
15BQ1A05D6	RT32052	DATA WARE HOUSING AND MINING	25	33	3
15BQ1A05D6	RT32053	COMPUTER NETWORKS	25	24	3
15BQ1A05D6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	17	0
15BQ1A05D6	RT32055	WEB TECHNOLOGIES	23	40	3
15BQ1A05D6	RT32056	IPR AND PATENTS	20	45	2
15BQ1A05D6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05D6	RT32058	SOFTWARE ENGINEERING LAB	19	45	2
15BQ1A05D6	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05D7	RT32051	SOFTWARE ENGINEERING	24	44	3
15BQ1A05D7	RT32052	DATA WARE HOUSING AND MINING	26	45	3
15BQ1A05D7	RT32053	COMPUTER NETWORKS	27	34	3
15BQ1A05D7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	51	3
15BQ1A05D7	RT32055	WEB TECHNOLOGIES	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05D7	RT32056	IPR AND PATENTS	21	43	2
15BQ1A05D7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A05D7	RT32058	SOFTWARE ENGINEERING LAB	19	48	2
15BQ1A05D7	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15BQ1A05D8	RT32051	SOFTWARE ENGINEERING	24	35	3
15BQ1A05D8	RT32052	DATA WARE HOUSING AND MINING	29	29	3
15BQ1A05D8	RT32053	COMPUTER NETWORKS	23	36	3
15BQ1A05D8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	42	3
15BQ1A05D8	RT32055	WEB TECHNOLOGIES	28	37	3
15BQ1A05D8	RT32056	IPR AND PATENTS	24	59	2
15BQ1A05D8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15BQ1A05D8	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15BQ1A05D8	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15BQ1A05D9	RT32051	SOFTWARE ENGINEERING	26	54	3
15BQ1A05D9	RT32052	DATA WARE HOUSING AND MINING	27	47	3
15BQ1A05D9	RT32053	COMPUTER NETWORKS	26	31	3
15BQ1A05D9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3
15BQ1A05D9	RT32055	WEB TECHNOLOGIES	26	38	3
15BQ1A05D9	RT32056	IPR AND PATENTS	23	32	2
15BQ1A05D9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05D9	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05D9	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A05E0	RT32051	SOFTWARE ENGINEERING	25	48	3
15BQ1A05E0	RT32052	DATA WARE HOUSING AND MINING	25	59	3
15BQ1A05E0	RT32053	COMPUTER NETWORKS	24	31	3
15BQ1A05E0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	29	3
15BQ1A05E0	RT32055	WEB TECHNOLOGIES	25	47	3
15BQ1A05E0	RT32056	IPR AND PATENTS	20	33	2
15BQ1A05E0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BQ1A05E0	RT32058	SOFTWARE ENGINEERING LAB	18	30	2
15BQ1A05E0	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BQ1A05E1	RT32051	SOFTWARE ENGINEERING	21	42	3
15BQ1A05E1	RT32052	DATA WARE HOUSING AND MINING	26	58	3
15BQ1A05E1	RT32053	COMPUTER NETWORKS	23	35	3
15BQ1A05E1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	52	3
15BQ1A05E1	RT32055	WEB TECHNOLOGIES	28	41	3
15BQ1A05E1	RT32056	IPR AND PATENTS	21	40	2
15BQ1A05E1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
15BQ1A05E1	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15BQ1A05E1	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BQ1A05E2	RT32051	SOFTWARE ENGINEERING	22	37	3
15BQ1A05E2	RT32052	DATA WARE HOUSING AND MINING	25	33	3
15BQ1A05E2	RT32053	COMPUTER NETWORKS	29	36	3
15BQ1A05E2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	47	3
15BQ1A05E2	RT32055	WEB TECHNOLOGIES	28	34	3
15BQ1A05E2	RT32056	IPR AND PATENTS	22	60	2
15BQ1A05E2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A05E2	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15BQ1A05E2	RT32059	WEB TECHNOLOGIES LAB	21	38	2
15BQ1A05E3	RT32051	SOFTWARE ENGINEERING	22	45	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05E3	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15BQ1A05E3	RT32053	COMPUTER NETWORKS	25	36	3
15BQ1A05E3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15BQ1A05E3	RT32055	WEB TECHNOLOGIES	24	29	3
15BQ1A05E3	RT32056	IPR AND PATENTS	22	36	2
15BQ1A05E3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A05E3	RT32058	SOFTWARE ENGINEERING LAB	20	31	2
15BQ1A05E3	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15BQ1A05E4	RT32051	SOFTWARE ENGINEERING	25	37	3
15BQ1A05E4	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15BQ1A05E4	RT32053	COMPUTER NETWORKS	23	31	3
15BQ1A05E4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	38	3
15BQ1A05E4	RT32055	WEB TECHNOLOGIES	24	47	3
15BQ1A05E4	RT32056	IPR AND PATENTS	20	51	2
15BQ1A05E4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A05E4	RT32058	SOFTWARE ENGINEERING LAB	19	35	2
15BQ1A05E4	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15BQ1A05E5	RT32051	SOFTWARE ENGINEERING	23	47	3
15BQ1A05E5	RT32052	DATA WARE HOUSING AND MINING	26	36	3
15BQ1A05E5	RT32053	COMPUTER NETWORKS	24	36	3
15BQ1A05E5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15BQ1A05E5	RT32055	WEB TECHNOLOGIES	27	43	3
15BQ1A05E5	RT32056	IPR AND PATENTS	22	44	2
15BQ1A05E5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05E5	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15BQ1A05E5	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BQ1A05E6	RT32051	SOFTWARE ENGINEERING	26	45	3
15BQ1A05E6	RT32052	DATA WARE HOUSING AND MINING	27	38	3
15BQ1A05E6	RT32053	COMPUTER NETWORKS	25	34	3
15BQ1A05E6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	53	3
15BQ1A05E6	RT32055	WEB TECHNOLOGIES	25	29	3
15BQ1A05E6	RT32056	IPR AND PATENTS	22	62	2
15BQ1A05E6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A05E6	RT32058	SOFTWARE ENGINEERING LAB	24	39	2
15BQ1A05E6	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15BQ1A05E7	RT32051	SOFTWARE ENGINEERING	25	58	3
15BQ1A05E7	RT32052	DATA WARE HOUSING AND MINING	28	41	3
15BQ1A05E7	RT32053	COMPUTER NETWORKS	26	37	3
15BQ1A05E7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15BQ1A05E7	RT32055	WEB TECHNOLOGIES	27	36	3
15BQ1A05E7	RT32056	IPR AND PATENTS	23	43	2
15BQ1A05E7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05E7	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BQ1A05E7	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BQ1A05E9	RT32051	SOFTWARE ENGINEERING	21	55	3
15BQ1A05E9	RT32052	DATA WARE HOUSING AND MINING	29	59	3
15BQ1A05E9	RT32053	COMPUTER NETWORKS	27	44	3
15BQ1A05E9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	49	3
15BQ1A05E9	RT32055	WEB TECHNOLOGIES	26	60	3
15BQ1A05E9	RT32056	IPR AND PATENTS	21	68	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05E9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A05E9	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BQ1A05E9	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A05F0	RT32051	SOFTWARE ENGINEERING	25	46	3
15BQ1A05F0	RT32052	DATA WARE HOUSING AND MINING	27	51	3
15BQ1A05F0	RT32053	COMPUTER NETWORKS	29	58	3
15BQ1A05F0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15BQ1A05F0	RT32055	WEB TECHNOLOGIES	29	54	3
15BQ1A05F0	RT32056	IPR AND PATENTS	25	45	2
15BQ1A05F0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05F0	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BQ1A05F0	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15BQ1A05F1	RT32051	SOFTWARE ENGINEERING	28	45	3
15BQ1A05F1	RT32052	DATA WARE HOUSING AND MINING	28	45	3
15BQ1A05F1	RT32053	COMPUTER NETWORKS	27	42	3
15BQ1A05F1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	53	3
15BQ1A05F1	RT32055	WEB TECHNOLOGIES	29	53	3
15BQ1A05F1	RT32056	IPR AND PATENTS	25	58	2
15BQ1A05F1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05F1	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05F1	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15BQ1A05F2	RT32051	SOFTWARE ENGINEERING	23	42	3
15BQ1A05F2	RT32052	DATA WARE HOUSING AND MINING	27	19	0
15BQ1A05F2	RT32053	COMPUTER NETWORKS	24	30	3
15BQ1A05F2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	15	0
15BQ1A05F2	RT32055	WEB TECHNOLOGIES	19	24	3
15BQ1A05F2	RT32056	IPR AND PATENTS	17	24	2
15BQ1A05F2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15BQ1A05F2	RT32058	SOFTWARE ENGINEERING LAB	18	32	2
15BQ1A05F2	RT32059	WEB TECHNOLOGIES LAB	20	35	2
15BQ1A05F3	RT32051	SOFTWARE ENGINEERING	23	45	3
15BQ1A05F3	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15BQ1A05F3	RT32053	COMPUTER NETWORKS	24	28	3
15BQ1A05F3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	40	3
15BQ1A05F3	RT32055	WEB TECHNOLOGIES	26	35	3
15BQ1A05F3	RT32056	IPR AND PATENTS	22	45	2
15BQ1A05F3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15BQ1A05F3	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15BQ1A05F3	RT32059	WEB TECHNOLOGIES LAB	21	41	2
15BQ1A05F4	RT32051	SOFTWARE ENGINEERING	20	40	3
15BQ1A05F4	RT32052	DATA WARE HOUSING AND MINING	24	41	3
15BQ1A05F4	RT32053	COMPUTER NETWORKS	22	31	3
15BQ1A05F4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15BQ1A05F4	RT32055	WEB TECHNOLOGIES	25	36	3
15BQ1A05F4	RT32056	IPR AND PATENTS	22	39	2
15BQ1A05F4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BQ1A05F4	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15BQ1A05F4	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05F5	RT32051	SOFTWARE ENGINEERING	26	51	3
15BQ1A05F5	RT32052	DATA WARE HOUSING AND MINING	25	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05F5	RT32053	COMPUTER NETWORKS	28	28	3
15BQ1A05F5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	48	3
15BQ1A05F5	RT32055	WEB TECHNOLOGIES	25	43	3
15BQ1A05F5	RT32056	IPR AND PATENTS	25	64	2
15BQ1A05F5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15BQ1A05F5	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15BQ1A05F5	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15BQ1A05F6	RT32051	SOFTWARE ENGINEERING	24	59	3
15BQ1A05F6	RT32052	DATA WARE HOUSING AND MINING	26	45	3
15BQ1A05F6	RT32053	COMPUTER NETWORKS	25	30	3
15BQ1A05F6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	45	3
15BQ1A05F6	RT32055	WEB TECHNOLOGIES	29	35	3
15BQ1A05F6	RT32056	IPR AND PATENTS	24	55	2
15BQ1A05F6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	50	2
15BQ1A05F6	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15BQ1A05F6	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15BQ1A05F7	RT32051	SOFTWARE ENGINEERING	25	44	3
15BQ1A05F7	RT32052	DATA WARE HOUSING AND MINING	27	57	3
15BQ1A05F7	RT32053	COMPUTER NETWORKS	25	35	3
15BQ1A05F7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	51	3
15BQ1A05F7	RT32055	WEB TECHNOLOGIES	27	61	3
15BQ1A05F7	RT32056	IPR AND PATENTS	21	62	2
15BQ1A05F7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A05F7	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15BQ1A05F7	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15BQ1A05F8	RT32051	SOFTWARE ENGINEERING	26	47	3
15BQ1A05F8	RT32052	DATA WARE HOUSING AND MINING	24	44	3
15BQ1A05F8	RT32053	COMPUTER NETWORKS	28	43	3
15BQ1A05F8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	31	3
15BQ1A05F8	RT32055	WEB TECHNOLOGIES	26	38	3
15BQ1A05F8	RT32056	IPR AND PATENTS	22	44	2
15BQ1A05F8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A05F8	RT32058	SOFTWARE ENGINEERING LAB	24	40	2
15BQ1A05F8	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05F9	RT32051	SOFTWARE ENGINEERING	26	51	3
15BQ1A05F9	RT32052	DATA WARE HOUSING AND MINING	27	38	3
15BQ1A05F9	RT32053	COMPUTER NETWORKS	27	38	3
15BQ1A05F9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	55	3
15BQ1A05F9	RT32055	WEB TECHNOLOGIES	27	39	3
15BQ1A05F9	RT32056	IPR AND PATENTS	26	65	2
15BQ1A05F9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A05F9	RT32058	SOFTWARE ENGINEERING LAB	19	43	2
15BQ1A05F9	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A05G0	RT32051	SOFTWARE ENGINEERING	25	49	3
15BQ1A05G0	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15BQ1A05G0	RT32053	COMPUTER NETWORKS	28	30	3
15BQ1A05G0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15BQ1A05G0	RT32055	WEB TECHNOLOGIES	28	28	3
15BQ1A05G0	RT32056	IPR AND PATENTS	20	38	2
15BQ1A05G0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05G0	RT32058	SOFTWARE ENGINEERING LAB	21	36	2
15BQ1A05G0	RT32059	WEB TECHNOLOGIES LAB	21	41	2
15BQ1A05G1	RT32051	SOFTWARE ENGINEERING	18	24	3
15BQ1A05G1	RT32052	DATA WARE HOUSING AND MINING	26	45	3
15BQ1A05G1	RT32053	COMPUTER NETWORKS	24	32	3
15BQ1A05G1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	42	3
15BQ1A05G1	RT32055	WEB TECHNOLOGIES	25	62	3
15BQ1A05G1	RT32056	IPR AND PATENTS	21	55	2
15BQ1A05G1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15BQ1A05G1	RT32058	SOFTWARE ENGINEERING LAB	21	37	2
15BQ1A05G1	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15BQ1A05G2	RT32051	SOFTWARE ENGINEERING	24	41	3
15BQ1A05G2	RT32052	DATA WARE HOUSING AND MINING	23	40	3
15BQ1A05G2	RT32053	COMPUTER NETWORKS	18	44	3
15BQ1A05G2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	38	3
15BQ1A05G2	RT32055	WEB TECHNOLOGIES	26	40	3
15BQ1A05G2	RT32056	IPR AND PATENTS	21	39	2
15BQ1A05G2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15BQ1A05G2	RT32058	SOFTWARE ENGINEERING LAB	23	30	2
15BQ1A05G2	RT32059	WEB TECHNOLOGIES LAB	19	35	2
15BQ1A05G3	RT32051	SOFTWARE ENGINEERING	20	52	3
15BQ1A05G3	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15BQ1A05G3	RT32053	COMPUTER NETWORKS	23	34	3
15BQ1A05G3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	55	3
15BQ1A05G3	RT32055	WEB TECHNOLOGIES	20	30	3
15BQ1A05G3	RT32056	IPR AND PATENTS	21	60	2
15BQ1A05G3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15BQ1A05G3	RT32058	SOFTWARE ENGINEERING LAB	21	36	2
15BQ1A05G3	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BQ1A05G4	RT32051	SOFTWARE ENGINEERING	22	52	3
15BQ1A05G4	RT32052	DATA WARE HOUSING AND MINING	22	44	3
15BQ1A05G4	RT32053	COMPUTER NETWORKS	25	32	3
15BQ1A05G4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	30	3
15BQ1A05G4	RT32055	WEB TECHNOLOGIES	27	32	3
15BQ1A05G4	RT32056	IPR AND PATENTS	23	30	2
15BQ1A05G4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A05G4	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15BQ1A05G4	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15BQ1A05G5	RT32051	SOFTWARE ENGINEERING	28	30	3
15BQ1A05G5	RT32052	DATA WARE HOUSING AND MINING	26	50	3
15BQ1A05G5	RT32053	COMPUTER NETWORKS	26	32	3
15BQ1A05G5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15BQ1A05G5	RT32055	WEB TECHNOLOGIES	29	8	0
15BQ1A05G5	RT32056	IPR AND PATENTS	24	56	2
15BQ1A05G5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A05G5	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15BQ1A05G5	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15BQ1A05G6	RT32051	SOFTWARE ENGINEERING	25	43	3
15BQ1A05G6	RT32052	DATA WARE HOUSING AND MINING	26	44	3
15BQ1A05G6	RT32053	COMPUTER NETWORKS	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05G6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	38	3
15BQ1A05G6	RT32055	WEB TECHNOLOGIES	28	42	3
15BQ1A05G6	RT32056	IPR AND PATENTS	25	37	2
15BQ1A05G6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15BQ1A05G6	RT32058	SOFTWARE ENGINEERING LAB	21	48	2
15BQ1A05G6	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15BQ1A05G7	RT32051	SOFTWARE ENGINEERING	25	46	3
15BQ1A05G7	RT32052	DATA WARE HOUSING AND MINING	24	49	3
15BQ1A05G7	RT32053	COMPUTER NETWORKS	26	32	3
15BQ1A05G7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	45	3
15BQ1A05G7	RT32055	WEB TECHNOLOGIES	26	49	3
15BQ1A05G7	RT32056	IPR AND PATENTS	25	61	2
15BQ1A05G7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A05G7	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05G7	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15BQ1A05G8	RT32051	SOFTWARE ENGINEERING	25	45	3
15BQ1A05G8	RT32052	DATA WARE HOUSING AND MINING	25	34	3
15BQ1A05G8	RT32053	COMPUTER NETWORKS	26	58	3
15BQ1A05G8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	41	3
15BQ1A05G8	RT32055	WEB TECHNOLOGIES	28	39	3
15BQ1A05G8	RT32056	IPR AND PATENTS	21	37	2
15BQ1A05G8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A05G8	RT32058	SOFTWARE ENGINEERING LAB	21	50	2
15BQ1A05G8	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BQ1A05G9	RT32051	SOFTWARE ENGINEERING	17	36	3
15BQ1A05G9	RT32052	DATA WARE HOUSING AND MINING	21	28	3
15BQ1A05G9	RT32053	COMPUTER NETWORKS	21	24	3
15BQ1A05G9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	38	3
15BQ1A05G9	RT32055	WEB TECHNOLOGIES	17	36	3
15BQ1A05G9	RT32056	IPR AND PATENTS	16	37	2
15BQ1A05G9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15BQ1A05G9	RT32058	SOFTWARE ENGINEERING LAB	22	30	2
15BQ1A05G9	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15BQ1A05H0	RT32051	SOFTWARE ENGINEERING	23	39	3
15BQ1A05H0	RT32052	DATA WARE HOUSING AND MINING	25	33	3
15BQ1A05H0	RT32053	COMPUTER NETWORKS	20	41	3
15BQ1A05H0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15BQ1A05H0	RT32055	WEB TECHNOLOGIES	24	43	3
15BQ1A05H0	RT32056	IPR AND PATENTS	22	40	2
15BQ1A05H0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15BQ1A05H0	RT32058	SOFTWARE ENGINEERING LAB	23	31	2
15BQ1A05H0	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15BQ1A05H1	RT32051	SOFTWARE ENGINEERING	23	50	3
15BQ1A05H1	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BQ1A05H1	RT32053	COMPUTER NETWORKS	26	32	3
15BQ1A05H1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15BQ1A05H1	RT32055	WEB TECHNOLOGIES	25	32	3
15BQ1A05H1	RT32056	IPR AND PATENTS	20	54	2
15BQ1A05H1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A05H1	RT32058	SOFTWARE ENGINEERING LAB	18	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05H1	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15BQ1A05H3	RT32051	SOFTWARE ENGINEERING	19	34	3
15BQ1A05H3	RT32052	DATA WARE HOUSING AND MINING	21	25	3
15BQ1A05H3	RT32053	COMPUTER NETWORKS	21	38	3
15BQ1A05H3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	15	0
15BQ1A05H3	RT32055	WEB TECHNOLOGIES	20	24	3
15BQ1A05H3	RT32056	IPR AND PATENTS	20	33	2
15BQ1A05H3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15BQ1A05H3	RT32058	SOFTWARE ENGINEERING LAB	18	29	2
15BQ1A05H3	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15BQ1A05H4	RT32051	SOFTWARE ENGINEERING	25	49	3
15BQ1A05H4	RT32052	DATA WARE HOUSING AND MINING	27	48	3
15BQ1A05H4	RT32053	COMPUTER NETWORKS	29	24	3
15BQ1A05H4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	43	3
15BQ1A05H4	RT32055	WEB TECHNOLOGIES	28	58	3
15BQ1A05H4	RT32056	IPR AND PATENTS	22	64	2
15BQ1A05H4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05H4	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05H4	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A05H5	RT32051	SOFTWARE ENGINEERING	27	44	3
15BQ1A05H5	RT32052	DATA WARE HOUSING AND MINING	26	53	3
15BQ1A05H5	RT32053	COMPUTER NETWORKS	25	47	3
15BQ1A05H5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	61	3
15BQ1A05H5	RT32055	WEB TECHNOLOGIES	28	42	3
15BQ1A05H5	RT32056	IPR AND PATENTS	23	46	2
15BQ1A05H5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15BQ1A05H5	RT32058	SOFTWARE ENGINEERING LAB	22	50	2
15BQ1A05H5	RT32059	WEB TECHNOLOGIES LAB	24	46	2
15BQ1A05H6	RT32051	SOFTWARE ENGINEERING	27	36	3
15BQ1A05H6	RT32052	DATA WARE HOUSING AND MINING	23	47	3
15BQ1A05H6	RT32053	COMPUTER NETWORKS	26	33	3
15BQ1A05H6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
15BQ1A05H6	RT32055	WEB TECHNOLOGIES	25	34	3
15BQ1A05H6	RT32056	IPR AND PATENTS	22	43	2
15BQ1A05H6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	40	2
15BQ1A05H6	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15BQ1A05H6	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BQ1A05H7	RT32051	SOFTWARE ENGINEERING	25	48	3
15BQ1A05H7	RT32052	DATA WARE HOUSING AND MINING	29	33	3
15BQ1A05H7	RT32053	COMPUTER NETWORKS	28	52	3
15BQ1A05H7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15BQ1A05H7	RT32055	WEB TECHNOLOGIES	27	43	3
15BQ1A05H7	RT32056	IPR AND PATENTS	23	33	2
15BQ1A05H7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A05H7	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15BQ1A05H7	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A05H8	RT32051	SOFTWARE ENGINEERING	17	41	3
15BQ1A05H8	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BQ1A05H8	RT32053	COMPUTER NETWORKS	21	4	0
15BQ1A05H8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05H8	RT32055	WEB TECHNOLOGIES	22	15	0
15BQ1A05H8	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05H8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BQ1A05H8	RT32058	SOFTWARE ENGINEERING LAB	18	29	2
15BQ1A05H8	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15BQ1A05H9	RT32051	SOFTWARE ENGINEERING	24	36	3
15BQ1A05H9	RT32052	DATA WARE HOUSING AND MINING	25	35	3
15BQ1A05H9	RT32053	COMPUTER NETWORKS	24	32	3
15BQ1A05H9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15BQ1A05H9	RT32055	WEB TECHNOLOGIES	24	38	3
15BQ1A05H9	RT32056	IPR AND PATENTS	16	46	2
15BQ1A05H9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15BQ1A05H9	RT32058	SOFTWARE ENGINEERING LAB	20	31	2
15BQ1A05H9	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15BQ1A05I0	RT32051	SOFTWARE ENGINEERING	25	38	3
15BQ1A05I0	RT32052	DATA WARE HOUSING AND MINING	25	52	3
15BQ1A05I0	RT32053	COMPUTER NETWORKS	24	43	3
15BQ1A05I0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	51	3
15BQ1A05I0	RT32055	WEB TECHNOLOGIES	24	43	3
15BQ1A05I0	RT32056	IPR AND PATENTS	23	64	2
15BQ1A05I0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A05I0	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15BQ1A05I0	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BQ1A05I1	RT32051	SOFTWARE ENGINEERING	27	59	3
15BQ1A05I1	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15BQ1A05I1	RT32053	COMPUTER NETWORKS	22	45	3
15BQ1A05I1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	35	3
15BQ1A05I1	RT32055	WEB TECHNOLOGIES	24	42	3
15BQ1A05I1	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05I1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A05I1	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05I1	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05I2	RT32051	SOFTWARE ENGINEERING	19	24	3
15BQ1A05I2	RT32052	DATA WARE HOUSING AND MINING	16	32	3
15BQ1A05I2	RT32053	COMPUTER NETWORKS	17	11	0
15BQ1A05I2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	26	3
15BQ1A05I2	RT32055	WEB TECHNOLOGIES	14	27	3
15BQ1A05I2	RT32056	IPR AND PATENTS	17	32	2
15BQ1A05I2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A05I2	RT32058	SOFTWARE ENGINEERING LAB	14	38	2
15BQ1A05I2	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15BQ1A05I3	RT32051	SOFTWARE ENGINEERING	18	48	3
15BQ1A05I3	RT32052	DATA WARE HOUSING AND MINING	19	44	3
15BQ1A05I3	RT32053	COMPUTER NETWORKS	20	38	3
15BQ1A05I3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	54	3
15BQ1A05I3	RT32055	WEB TECHNOLOGIES	26	41	3
15BQ1A05I3	RT32056	IPR AND PATENTS	20	44	2
15BQ1A05I3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05I3	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BQ1A05I3	RT32059	WEB TECHNOLOGIES LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05I4	RT32051	SOFTWARE ENGINEERING	19	24	3
15BQ1A05I4	RT32052	DATA WARE HOUSING AND MINING	19	45	3
15BQ1A05I4	RT32053	COMPUTER NETWORKS	17	27	3
15BQ1A05I4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	0	0
15BQ1A05I4	RT32055	WEB TECHNOLOGIES	16	3	0
15BQ1A05I4	RT32056	IPR AND PATENTS	16	48	2
15BQ1A05I4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A05I4	RT32058	SOFTWARE ENGINEERING LAB	18	40	2
15BQ1A05I4	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15BQ1A05I5	RT32051	SOFTWARE ENGINEERING	27	67	3
15BQ1A05I5	RT32052	DATA WARE HOUSING AND MINING	28	30	3
15BQ1A05I5	RT32053	COMPUTER NETWORKS	21	43	3
15BQ1A05I5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15BQ1A05I5	RT32055	WEB TECHNOLOGIES	29	53	3
15BQ1A05I5	RT32056	IPR AND PATENTS	24	30	2
15BQ1A05I5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15BQ1A05I5	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05I5	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A05I6	RT32051	SOFTWARE ENGINEERING	21	32	3
15BQ1A05I6	RT32052	DATA WARE HOUSING AND MINING	26	37	3
15BQ1A05I6	RT32053	COMPUTER NETWORKS	20	14	0
15BQ1A05I6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	28	3
15BQ1A05I6	RT32055	WEB TECHNOLOGIES	21	38	3
15BQ1A05I6	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05I6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	35	2
15BQ1A05I6	RT32058	SOFTWARE ENGINEERING LAB	17	40	2
15BQ1A05I6	RT32059	WEB TECHNOLOGIES LAB	16	35	2
15BQ1A05I7	RT32051	SOFTWARE ENGINEERING	26	51	3
15BQ1A05I7	RT32052	DATA WARE HOUSING AND MINING	28	53	3
15BQ1A05I7	RT32053	COMPUTER NETWORKS	22	47	3
15BQ1A05I7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	50	3
15BQ1A05I7	RT32055	WEB TECHNOLOGIES	25	42	3
15BQ1A05I7	RT32056	IPR AND PATENTS	24	47	2
15BQ1A05I7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BQ1A05I7	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05I7	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A05I8	RT32051	SOFTWARE ENGINEERING	25	33	3
15BQ1A05I8	RT32052	DATA WARE HOUSING AND MINING	27	45	3
15BQ1A05I8	RT32053	COMPUTER NETWORKS	26	26	3
15BQ1A05I8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	40	3
15BQ1A05I8	RT32055	WEB TECHNOLOGIES	25	38	3
15BQ1A05I8	RT32056	IPR AND PATENTS	23	34	2
15BQ1A05I8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05I8	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05I8	RT32059	WEB TECHNOLOGIES LAB	25	45	2
15BQ1A05I9	RT32051	SOFTWARE ENGINEERING	25	67	3
15BQ1A05I9	RT32052	DATA WARE HOUSING AND MINING	27	39	3
15BQ1A05I9	RT32053	COMPUTER NETWORKS	21	57	3
15BQ1A05I9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	45	3
15BQ1A05I9	RT32055	WEB TECHNOLOGIES	26	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05I9	RT32056	IPR AND PATENTS	24	43	2
15BQ1A05I9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15BQ1A05I9	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BQ1A05I9	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15BQ1A05J0	RT32051	SOFTWARE ENGINEERING	24	40	3
15BQ1A05J0	RT32052	DATA WARE HOUSING AND MINING	28	37	3
15BQ1A05J0	RT32053	COMPUTER NETWORKS	22	24	3
15BQ1A05J0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
15BQ1A05J0	RT32055	WEB TECHNOLOGIES	26	51	3
15BQ1A05J0	RT32056	IPR AND PATENTS	23	32	2
15BQ1A05J0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A05J0	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BQ1A05J0	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15BQ1A05J1	RT32051	SOFTWARE ENGINEERING	25	46	3
15BQ1A05J1	RT32052	DATA WARE HOUSING AND MINING	28	54	3
15BQ1A05J1	RT32053	COMPUTER NETWORKS	25	42	3
15BQ1A05J1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	66	3
15BQ1A05J1	RT32055	WEB TECHNOLOGIES	24	44	3
15BQ1A05J1	RT32056	IPR AND PATENTS	20	46	2
15BQ1A05J1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15BQ1A05J1	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BQ1A05J1	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A05J2	RT32051	SOFTWARE ENGINEERING	17	34	3
15BQ1A05J2	RT32052	DATA WARE HOUSING AND MINING	17	42	3
15BQ1A05J2	RT32053	COMPUTER NETWORKS	6	34	3
15BQ1A05J2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	43	3
15BQ1A05J2	RT32055	WEB TECHNOLOGIES	10	2	0
15BQ1A05J2	RT32056	IPR AND PATENTS	16	39	2
15BQ1A05J2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	25	2
15BQ1A05J2	RT32058	SOFTWARE ENGINEERING LAB	14	20	2
15BQ1A05J2	RT32059	WEB TECHNOLOGIES LAB	12	29	2
15BQ1A05J3	RT32051	SOFTWARE ENGINEERING	25	48	3
15BQ1A05J3	RT32052	DATA WARE HOUSING AND MINING	27	30	3
15BQ1A05J3	RT32053	COMPUTER NETWORKS	23	38	3
15BQ1A05J3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	34	3
15BQ1A05J3	RT32055	WEB TECHNOLOGIES	20	28	3
15BQ1A05J3	RT32056	IPR AND PATENTS	19	30	2
15BQ1A05J3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A05J3	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BQ1A05J3	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15BQ1A05J4	RT32051	SOFTWARE ENGINEERING	20	10	0
15BQ1A05J4	RT32052	DATA WARE HOUSING AND MINING	9	31	3
15BQ1A05J4	RT32053	COMPUTER NETWORKS	18	10	0
15BQ1A05J4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BQ1A05J4	RT32055	WEB TECHNOLOGIES	5	10	0
15BQ1A05J4	RT32056	IPR AND PATENTS	16	28	2
15BQ1A05J4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	30	2
15BQ1A05J4	RT32058	SOFTWARE ENGINEERING LAB	16	39	2
15BQ1A05J4	RT32059	WEB TECHNOLOGIES LAB	14	35	2
15BQ1A05J5	RT32051	SOFTWARE ENGINEERING	25	54	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05J5	RT32052	DATA WARE HOUSING AND MINING	22	56	3
15BQ1A05J5	RT32053	COMPUTER NETWORKS	26	47	3
15BQ1A05J5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	61	3
15BQ1A05J5	RT32055	WEB TECHNOLOGIES	26	54	3
15BQ1A05J5	RT32056	IPR AND PATENTS	22	46	2
15BQ1A05J5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A05J5	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15BQ1A05J5	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A05J6	RT32051	SOFTWARE ENGINEERING	16	31	3
15BQ1A05J6	RT32052	DATA WARE HOUSING AND MINING	19	33	3
15BQ1A05J6	RT32053	COMPUTER NETWORKS	19	25	3
15BQ1A05J6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	24	3
15BQ1A05J6	RT32055	WEB TECHNOLOGIES	18	31	3
15BQ1A05J6	RT32056	IPR AND PATENTS	16	17	0
15BQ1A05J6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15BQ1A05J6	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15BQ1A05J6	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15BQ1A05J8	RT32051	SOFTWARE ENGINEERING	17	33	3
15BQ1A05J8	RT32052	DATA WARE HOUSING AND MINING	13	15	0
15BQ1A05J8	RT32053	COMPUTER NETWORKS	18	27	3
15BQ1A05J8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	28	3
15BQ1A05J8	RT32055	WEB TECHNOLOGIES	17	24	3
15BQ1A05J8	RT32056	IPR AND PATENTS	18	26	2
15BQ1A05J8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	35	2
15BQ1A05J8	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15BQ1A05J8	RT32059	WEB TECHNOLOGIES LAB	18	35	2
15BQ1A05J9	RT32051	SOFTWARE ENGINEERING	25	42	3
15BQ1A05J9	RT32052	DATA WARE HOUSING AND MINING	23	36	3
15BQ1A05J9	RT32053	COMPUTER NETWORKS	27	24	3
15BQ1A05J9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	36	3
15BQ1A05J9	RT32055	WEB TECHNOLOGIES	23	48	3
15BQ1A05J9	RT32056	IPR AND PATENTS	23	33	2
15BQ1A05J9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A05J9	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15BQ1A05J9	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05K0	RT32051	SOFTWARE ENGINEERING	24	47	3
15BQ1A05K0	RT32052	DATA WARE HOUSING AND MINING	22	42	3
15BQ1A05K0	RT32053	COMPUTER NETWORKS	24	30	3
15BQ1A05K0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	52	3
15BQ1A05K0	RT32055	WEB TECHNOLOGIES	24	41	3
15BQ1A05K0	RT32056	IPR AND PATENTS	23	35	2
15BQ1A05K0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A05K0	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05K0	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A05K1	RT32051	SOFTWARE ENGINEERING	23	54	3
15BQ1A05K1	RT32052	DATA WARE HOUSING AND MINING	22	48	3
15BQ1A05K1	RT32053	COMPUTER NETWORKS	23	26	3
15BQ1A05K1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	47	3
15BQ1A05K1	RT32055	WEB TECHNOLOGIES	25	43	3
15BQ1A05K1	RT32056	IPR AND PATENTS	25	54	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05K1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15BQ1A05K1	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
15BQ1A05K1	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05K2	RT32051	SOFTWARE ENGINEERING	27	56	3
15BQ1A05K2	RT32052	DATA WARE HOUSING AND MINING	25	32	3
15BQ1A05K2	RT32053	COMPUTER NETWORKS	23	39	3
15BQ1A05K2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
15BQ1A05K2	RT32055	WEB TECHNOLOGIES	25	34	3
15BQ1A05K2	RT32056	IPR AND PATENTS	23	29	2
15BQ1A05K2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15BQ1A05K2	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
15BQ1A05K2	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BQ1A05K3	RT32051	SOFTWARE ENGINEERING	24	51	3
15BQ1A05K3	RT32052	DATA WARE HOUSING AND MINING	24	36	3
15BQ1A05K3	RT32053	COMPUTER NETWORKS	27	16	0
15BQ1A05K3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15BQ1A05K3	RT32055	WEB TECHNOLOGIES	27	56	3
15BQ1A05K3	RT32056	IPR AND PATENTS	22	33	2
15BQ1A05K3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05K3	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05K3	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05K4	RT32051	SOFTWARE ENGINEERING	27	50	3
15BQ1A05K4	RT32052	DATA WARE HOUSING AND MINING	28	56	3
15BQ1A05K4	RT32053	COMPUTER NETWORKS	28	54	3
15BQ1A05K4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	57	3
15BQ1A05K4	RT32055	WEB TECHNOLOGIES	26	43	3
15BQ1A05K4	RT32056	IPR AND PATENTS	23	46	2
15BQ1A05K4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15BQ1A05K4	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15BQ1A05K4	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A05K5	RT32051	SOFTWARE ENGINEERING	25	32	3
15BQ1A05K5	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15BQ1A05K5	RT32053	COMPUTER NETWORKS	24	36	3
15BQ1A05K5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	42	3
15BQ1A05K5	RT32055	WEB TECHNOLOGIES	27	37	3
15BQ1A05K5	RT32056	IPR AND PATENTS	24	56	2
15BQ1A05K5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05K5	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15BQ1A05K5	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05K6	RT32051	SOFTWARE ENGINEERING	26	49	3
15BQ1A05K6	RT32052	DATA WARE HOUSING AND MINING	24	32	3
15BQ1A05K6	RT32053	COMPUTER NETWORKS	21	49	3
15BQ1A05K6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	50	3
15BQ1A05K6	RT32055	WEB TECHNOLOGIES	26	46	3
15BQ1A05K6	RT32056	IPR AND PATENTS	22	54	2
15BQ1A05K6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05K6	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BQ1A05K6	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BQ1A05K7	RT32051	SOFTWARE ENGINEERING	26	48	3
15BQ1A05K7	RT32052	DATA WARE HOUSING AND MINING	23	56	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05K7	RT32053	COMPUTER NETWORKS	23	34	3
15BQ1A05K7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	53	3
15BQ1A05K7	RT32055	WEB TECHNOLOGIES	27	49	3
15BQ1A05K7	RT32056	IPR AND PATENTS	24	70	2
15BQ1A05K7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15BQ1A05K7	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A05K7	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05K8	RT32051	SOFTWARE ENGINEERING	24	45	3
15BQ1A05K8	RT32052	DATA WARE HOUSING AND MINING	25	60	3
15BQ1A05K8	RT32053	COMPUTER NETWORKS	25	46	3
15BQ1A05K8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	56	3
15BQ1A05K8	RT32055	WEB TECHNOLOGIES	27	46	3
15BQ1A05K8	RT32056	IPR AND PATENTS	23	59	2
15BQ1A05K8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05K8	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15BQ1A05K8	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05K9	RT32051	SOFTWARE ENGINEERING	26	36	3
15BQ1A05K9	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15BQ1A05K9	RT32053	COMPUTER NETWORKS	27	31	3
15BQ1A05K9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	43	3
15BQ1A05K9	RT32055	WEB TECHNOLOGIES	24	26	3
15BQ1A05K9	RT32056	IPR AND PATENTS	22	60	2
15BQ1A05K9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15BQ1A05K9	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05K9	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A05L0	RT32051	SOFTWARE ENGINEERING	27	36	3
15BQ1A05L0	RT32052	DATA WARE HOUSING AND MINING	23	29	3
15BQ1A05L0	RT32053	COMPUTER NETWORKS	25	49	3
15BQ1A05L0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	37	3
15BQ1A05L0	RT32055	WEB TECHNOLOGIES	26	53	3
15BQ1A05L0	RT32056	IPR AND PATENTS	23	50	2
15BQ1A05L0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15BQ1A05L0	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05L0	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A05L1	RT32051	SOFTWARE ENGINEERING	26	36	3
15BQ1A05L1	RT32052	DATA WARE HOUSING AND MINING	18	45	3
15BQ1A05L1	RT32053	COMPUTER NETWORKS	22	24	3
15BQ1A05L1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	43	3
15BQ1A05L1	RT32055	WEB TECHNOLOGIES	21	35	3
15BQ1A05L1	RT32056	IPR AND PATENTS	17	62	2
15BQ1A05L1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15BQ1A05L1	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BQ1A05L1	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A05L2	RT32051	SOFTWARE ENGINEERING	26	45	3
15BQ1A05L2	RT32052	DATA WARE HOUSING AND MINING	22	50	3
15BQ1A05L2	RT32053	COMPUTER NETWORKS	19	37	3
15BQ1A05L2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	51	3
15BQ1A05L2	RT32055	WEB TECHNOLOGIES	25	42	3
15BQ1A05L2	RT32056	IPR AND PATENTS	24	44	2
15BQ1A05L2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05L2	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15BQ1A05L2	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BQ1A05L3	RT32051	SOFTWARE ENGINEERING	24	38	3
15BQ1A05L3	RT32052	DATA WARE HOUSING AND MINING	25	26	3
15BQ1A05L3	RT32053	COMPUTER NETWORKS	28	33	3
15BQ1A05L3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	41	3
15BQ1A05L3	RT32055	WEB TECHNOLOGIES	22	26	3
15BQ1A05L3	RT32056	IPR AND PATENTS	19	60	2
15BQ1A05L3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15BQ1A05L3	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05L3	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15BQ1A05L4	RT32051	SOFTWARE ENGINEERING	28	59	3
15BQ1A05L4	RT32052	DATA WARE HOUSING AND MINING	28	43	3
15BQ1A05L4	RT32053	COMPUTER NETWORKS	24	39	3
15BQ1A05L4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	37	3
15BQ1A05L4	RT32055	WEB TECHNOLOGIES	26	37	3
15BQ1A05L4	RT32056	IPR AND PATENTS	23	31	2
15BQ1A05L4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BQ1A05L4	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05L4	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A05L5	RT32051	SOFTWARE ENGINEERING	22	39	3
15BQ1A05L5	RT32052	DATA WARE HOUSING AND MINING	24	46	3
15BQ1A05L5	RT32053	COMPUTER NETWORKS	26	28	3
15BQ1A05L5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	41	3
15BQ1A05L5	RT32055	WEB TECHNOLOGIES	23	42	3
15BQ1A05L5	RT32056	IPR AND PATENTS	20	63	2
15BQ1A05L5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BQ1A05L5	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05L5	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A05L6	RT32051	SOFTWARE ENGINEERING	19	44	3
15BQ1A05L6	RT32052	DATA WARE HOUSING AND MINING	25	58	3
15BQ1A05L6	RT32053	COMPUTER NETWORKS	22	43	3
15BQ1A05L6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	50	3
15BQ1A05L6	RT32055	WEB TECHNOLOGIES	26	35	3
15BQ1A05L6	RT32056	IPR AND PATENTS	22	44	2
15BQ1A05L6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	43	2
15BQ1A05L6	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
15BQ1A05L6	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15BQ1A05L7	RT32051	SOFTWARE ENGINEERING	29	42	3
15BQ1A05L7	RT32052	DATA WARE HOUSING AND MINING	28	47	3
15BQ1A05L7	RT32053	COMPUTER NETWORKS	26	42	3
15BQ1A05L7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	59	3
15BQ1A05L7	RT32055	WEB TECHNOLOGIES	29	52	3
15BQ1A05L7	RT32056	IPR AND PATENTS	26	62	2
15BQ1A05L7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15BQ1A05L7	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BQ1A05L7	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05L8	RT32051	SOFTWARE ENGINEERING	26	43	3
15BQ1A05L8	RT32052	DATA WARE HOUSING AND MINING	27	33	3
15BQ1A05L8	RT32053	COMPUTER NETWORKS	19	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05L8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	31	3
15BQ1A05L8	RT32055	WEB TECHNOLOGIES	30	50	3
15BQ1A05L8	RT32056	IPR AND PATENTS	21	42	2
15BQ1A05L8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A05L8	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05L8	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A05L9	RT32051	SOFTWARE ENGINEERING	23	48	3
15BQ1A05L9	RT32052	DATA WARE HOUSING AND MINING	30	52	3
15BQ1A05L9	RT32053	COMPUTER NETWORKS	23	28	3
15BQ1A05L9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	49	3
15BQ1A05L9	RT32055	WEB TECHNOLOGIES	25	43	3
15BQ1A05L9	RT32056	IPR AND PATENTS	22	66	2
15BQ1A05L9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05L9	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A05L9	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A05M0	RT32051	SOFTWARE ENGINEERING	16	30	3
15BQ1A05M0	RT32052	DATA WARE HOUSING AND MINING	16	45	3
15BQ1A05M0	RT32053	COMPUTER NETWORKS	16	34	3
15BQ1A05M0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	26	3
15BQ1A05M0	RT32055	WEB TECHNOLOGIES	17	0	0
15BQ1A05M0	RT32056	IPR AND PATENTS	16	34	2
15BQ1A05M0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	35	2
15BQ1A05M0	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15BQ1A05M0	RT32059	WEB TECHNOLOGIES LAB	14	35	2
15BQ1A05M1	RT32051	SOFTWARE ENGINEERING	24	29	3
15BQ1A05M1	RT32052	DATA WARE HOUSING AND MINING	28	24	3
15BQ1A05M1	RT32053	COMPUTER NETWORKS	21	24	3
15BQ1A05M1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	29	3
15BQ1A05M1	RT32055	WEB TECHNOLOGIES	26	25	3
15BQ1A05M1	RT32056	IPR AND PATENTS	21	30	2
15BQ1A05M1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15BQ1A05M1	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05M1	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15BQ1A05M2	RT32051	SOFTWARE ENGINEERING	27	45	3
15BQ1A05M2	RT32052	DATA WARE HOUSING AND MINING	27	33	3
15BQ1A05M2	RT32053	COMPUTER NETWORKS	23	47	3
15BQ1A05M2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	44	3
15BQ1A05M2	RT32055	WEB TECHNOLOGIES	26	52	3
15BQ1A05M2	RT32056	IPR AND PATENTS	25	43	2
15BQ1A05M2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05M2	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BQ1A05M2	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BQ1A05M3	RT32051	SOFTWARE ENGINEERING	16	31	3
15BQ1A05M3	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15BQ1A05M3	RT32053	COMPUTER NETWORKS	16	14	0
15BQ1A05M3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	33	3
15BQ1A05M3	RT32055	WEB TECHNOLOGIES	19	24	3
15BQ1A05M3	RT32056	IPR AND PATENTS	20	33	2
15BQ1A05M3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	35	2
15BQ1A05M3	RT32058	SOFTWARE ENGINEERING LAB	17	37	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05M3	RT32059	WEB TECHNOLOGIES LAB	16	35	2
15BQ1A05M4	RT32051	SOFTWARE ENGINEERING	26	48	3
15BQ1A05M4	RT32052	DATA WARE HOUSING AND MINING	26	46	3
15BQ1A05M4	RT32053	COMPUTER NETWORKS	22	40	3
15BQ1A05M4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	58	3
15BQ1A05M4	RT32055	WEB TECHNOLOGIES	22	41	3
15BQ1A05M4	RT32056	IPR AND PATENTS	22	45	2
15BQ1A05M4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05M4	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05M4	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A05M5	RT32051	SOFTWARE ENGINEERING	19	35	3
15BQ1A05M5	RT32052	DATA WARE HOUSING AND MINING	22	17	0
15BQ1A05M5	RT32053	COMPUTER NETWORKS	20	27	3
15BQ1A05M5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	35	3
15BQ1A05M5	RT32055	WEB TECHNOLOGIES	15	15	0
15BQ1A05M5	RT32056	IPR AND PATENTS	15	40	2
15BQ1A05M5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15BQ1A05M5	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BQ1A05M5	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15BQ1A05M6	RT32051	SOFTWARE ENGINEERING	17	24	3
15BQ1A05M6	RT32052	DATA WARE HOUSING AND MINING	17	0	0
15BQ1A05M6	RT32053	COMPUTER NETWORKS	16	10	0
15BQ1A05M6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	2	0
15BQ1A05M6	RT32055	WEB TECHNOLOGIES	18	0	0
15BQ1A05M6	RT32056	IPR AND PATENTS	16	25	2
15BQ1A05M6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
15BQ1A05M6	RT32058	SOFTWARE ENGINEERING LAB	16	34	2
15BQ1A05M6	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15BQ1A05M7	RT32051	SOFTWARE ENGINEERING	22	40	3
15BQ1A05M7	RT32052	DATA WARE HOUSING AND MINING	27	53	3
15BQ1A05M7	RT32053	COMPUTER NETWORKS	25	28	3
15BQ1A05M7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	44	3
15BQ1A05M7	RT32055	WEB TECHNOLOGIES	27	37	3
15BQ1A05M7	RT32056	IPR AND PATENTS	22	48	2
15BQ1A05M7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15BQ1A05M7	RT32058	SOFTWARE ENGINEERING LAB	20	36	2
15BQ1A05M7	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BQ1A05M8	RT32051	SOFTWARE ENGINEERING	25	39	3
15BQ1A05M8	RT32052	DATA WARE HOUSING AND MINING	26	42	3
15BQ1A05M8	RT32053	COMPUTER NETWORKS	23	36	3
15BQ1A05M8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	55	3
15BQ1A05M8	RT32055	WEB TECHNOLOGIES	27	30	3
15BQ1A05M8	RT32056	IPR AND PATENTS	23	40	2
15BQ1A05M8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A05M8	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15BQ1A05M8	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BQ1A05M9	RT32051	SOFTWARE ENGINEERING	26	42	3
15BQ1A05M9	RT32052	DATA WARE HOUSING AND MINING	26	44	3
15BQ1A05M9	RT32053	COMPUTER NETWORKS	25	31	3
15BQ1A05M9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	64	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05M9	RT32055	WEB TECHNOLOGIES	29	43	3
15BQ1A05M9	RT32056	IPR AND PATENTS	22	60	2
15BQ1A05M9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A05M9	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15BQ1A05M9	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15BQ1A05N0	RT32051	SOFTWARE ENGINEERING	26	47	3
15BQ1A05N0	RT32052	DATA WARE HOUSING AND MINING	27	34	3
15BQ1A05N0	RT32053	COMPUTER NETWORKS	26	44	3
15BQ1A05N0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15BQ1A05N0	RT32055	WEB TECHNOLOGIES	28	40	3
15BQ1A05N0	RT32056	IPR AND PATENTS	24	35	2
15BQ1A05N0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05N0	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BQ1A05N0	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15BQ1A05N1	RT32051	SOFTWARE ENGINEERING	26	43	3
15BQ1A05N1	RT32052	DATA WARE HOUSING AND MINING	27	36	3
15BQ1A05N1	RT32053	COMPUTER NETWORKS	22	24	3
15BQ1A05N1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	50	3
15BQ1A05N1	RT32055	WEB TECHNOLOGIES	27	41	3
15BQ1A05N1	RT32056	IPR AND PATENTS	24	63	2
15BQ1A05N1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A05N1	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BQ1A05N1	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A05N2	RT32051	SOFTWARE ENGINEERING	23	48	3
15BQ1A05N2	RT32052	DATA WARE HOUSING AND MINING	26	47	3
15BQ1A05N2	RT32053	COMPUTER NETWORKS	21	24	3
15BQ1A05N2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	55	3
15BQ1A05N2	RT32055	WEB TECHNOLOGIES	25	43	3
15BQ1A05N2	RT32056	IPR AND PATENTS	21	44	2
15BQ1A05N2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A05N2	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BQ1A05N2	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A05N3	RT32051	SOFTWARE ENGINEERING	25	35	3
15BQ1A05N3	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15BQ1A05N3	RT32053	COMPUTER NETWORKS	25	39	3
15BQ1A05N3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15BQ1A05N3	RT32055	WEB TECHNOLOGIES	26	26	3
15BQ1A05N3	RT32056	IPR AND PATENTS	24	50	2
15BQ1A05N3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15BQ1A05N3	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BQ1A05N3	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15BQ1A05N4	RT32051	SOFTWARE ENGINEERING	23	24	3
15BQ1A05N4	RT32052	DATA WARE HOUSING AND MINING	19	19	0
15BQ1A05N4	RT32053	COMPUTER NETWORKS	16	27	3
15BQ1A05N4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	26	3
15BQ1A05N4	RT32055	WEB TECHNOLOGIES	20	24	3
15BQ1A05N4	RT32056	IPR AND PATENTS	22	39	2
15BQ1A05N4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15BQ1A05N4	RT32058	SOFTWARE ENGINEERING LAB	16	39	2
15BQ1A05N4	RT32059	WEB TECHNOLOGIES LAB	20	41	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05N5	RT32051	SOFTWARE ENGINEERING	19	37	3
15BQ1A05N5	RT32052	DATA WARE HOUSING AND MINING	23	39	3
15BQ1A05N5	RT32053	COMPUTER NETWORKS	21	24	3
15BQ1A05N5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	44	3
15BQ1A05N5	RT32055	WEB TECHNOLOGIES	19	30	3
15BQ1A05N5	RT32056	IPR AND PATENTS	20	55	2
15BQ1A05N5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15BQ1A05N5	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
15BQ1A05N5	RT32059	WEB TECHNOLOGIES LAB	19	38	2
15BQ1A05N6	RT32051	SOFTWARE ENGINEERING	23	42	3
15BQ1A05N6	RT32052	DATA WARE HOUSING AND MINING	26	55	3
15BQ1A05N6	RT32053	COMPUTER NETWORKS	20	28	3
15BQ1A05N6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15BQ1A05N6	RT32055	WEB TECHNOLOGIES	20	43	3
15BQ1A05N6	RT32056	IPR AND PATENTS	22	47	2
15BQ1A05N6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15BQ1A05N6	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BQ1A05N6	RT32059	WEB TECHNOLOGIES LAB	22	49	2
15BQ1A05N7	RT32051	SOFTWARE ENGINEERING	18	31	3
15BQ1A05N7	RT32052	DATA WARE HOUSING AND MINING	19	3	0
15BQ1A05N7	RT32053	COMPUTER NETWORKS	16	17	0
15BQ1A05N7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	5	0
15BQ1A05N7	RT32055	WEB TECHNOLOGIES	17	2	0
15BQ1A05N7	RT32056	IPR AND PATENTS	16	35	2
15BQ1A05N7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	35	2
15BQ1A05N7	RT32058	SOFTWARE ENGINEERING LAB	16	37	2
15BQ1A05N7	RT32059	WEB TECHNOLOGIES LAB	18	35	2
15BQ1A05N8	RT32051	SOFTWARE ENGINEERING	25	25	3
15BQ1A05N8	RT32052	DATA WARE HOUSING AND MINING	26	32	3
15BQ1A05N8	RT32053	COMPUTER NETWORKS	26	37	3
15BQ1A05N8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15BQ1A05N8	RT32055	WEB TECHNOLOGIES	25	35	3
15BQ1A05N8	RT32056	IPR AND PATENTS	22	42	2
15BQ1A05N8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A05N8	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15BQ1A05N8	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BQ1A05N9	RT32051	SOFTWARE ENGINEERING	25	53	3
15BQ1A05N9	RT32052	DATA WARE HOUSING AND MINING	28	61	3
15BQ1A05N9	RT32053	COMPUTER NETWORKS	28	35	3
15BQ1A05N9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	54	3
15BQ1A05N9	RT32055	WEB TECHNOLOGIES	25	58	3
15BQ1A05N9	RT32056	IPR AND PATENTS	24	63	2
15BQ1A05N9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A05N9	RT32058	SOFTWARE ENGINEERING LAB	23	50	2
15BQ1A05N9	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A1201	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15BQ1A1201	RT32053	COMPUTER NETWORKS	20	31	3
15BQ1A1201	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	49	3
15BQ1A1201	RT32055	WEB TECHNOLOGIES	25	49	3
15BQ1A1201	RT32056	IPR AND PATENTS	19	34	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1201	RT32121	SOFTWARE TESTING	24	29	3
15BQ1A1201	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1201	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1201	RT32129	WEB TECHNOLOGIES LAB	23	47	2
15BQ1A1202	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BQ1A1202	RT32053	COMPUTER NETWORKS	21	38	3
15BQ1A1202	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	29	3
15BQ1A1202	RT32055	WEB TECHNOLOGIES	26	24	3
15BQ1A1202	RT32056	IPR AND PATENTS	19	30	2
15BQ1A1202	RT32121	SOFTWARE TESTING	24	30	3
15BQ1A1202	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BQ1A1202	RT32128	SOFTWARE TESTING LAB	21	50	2
15BQ1A1202	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1203	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BQ1A1203	RT32053	COMPUTER NETWORKS	21	28	3
15BQ1A1203	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	32	3
15BQ1A1203	RT32055	WEB TECHNOLOGIES	23	34	3
15BQ1A1203	RT32056	IPR AND PATENTS	19	47	2
15BQ1A1203	RT32121	SOFTWARE TESTING	21	31	3
15BQ1A1203	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BQ1A1203	RT32128	SOFTWARE TESTING LAB	21	46	2
15BQ1A1203	RT32129	WEB TECHNOLOGIES LAB	20	39	2
15BQ1A1204	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15BQ1A1204	RT32053	COMPUTER NETWORKS	16	26	3
15BQ1A1204	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	17	0
15BQ1A1204	RT32055	WEB TECHNOLOGIES	20	33	3
15BQ1A1204	RT32056	IPR AND PATENTS	16	25	2
15BQ1A1204	RT32121	SOFTWARE TESTING	16	14	0
15BQ1A1204	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15BQ1A1204	RT32128	SOFTWARE TESTING LAB	20	44	2
15BQ1A1204	RT32129	WEB TECHNOLOGIES LAB	21	40	2
15BQ1A1205	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15BQ1A1205	RT32053	COMPUTER NETWORKS	21	32	3
15BQ1A1205	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15BQ1A1205	RT32055	WEB TECHNOLOGIES	25	54	3
15BQ1A1205	RT32056	IPR AND PATENTS	22	34	2
15BQ1A1205	RT32121	SOFTWARE TESTING	24	48	3
15BQ1A1205	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1205	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1205	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1206	RT32052	DATA WARE HOUSING AND MINING	17	5	0
15BQ1A1206	RT32053	COMPUTER NETWORKS	16	7	0
15BQ1A1206	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	25	3
15BQ1A1206	RT32055	WEB TECHNOLOGIES	17	0	0
15BQ1A1206	RT32056	IPR AND PATENTS	16	33	2
15BQ1A1206	RT32121	SOFTWARE TESTING	16	24	3
15BQ1A1206	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	30	2
15BQ1A1206	RT32128	SOFTWARE TESTING LAB	15	40	2
15BQ1A1206	RT32129	WEB TECHNOLOGIES LAB	21	30	2
15BQ1A1207	RT32052	DATA WARE HOUSING AND MINING	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1207	RT32053	COMPUTER NETWORKS	20	27	3
15BQ1A1207	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15BQ1A1207	RT32055	WEB TECHNOLOGIES	20	36	3
15BQ1A1207	RT32056	IPR AND PATENTS	16	36	2
15BQ1A1207	RT32121	SOFTWARE TESTING	21	47	3
15BQ1A1207	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	38	2
15BQ1A1207	RT32128	SOFTWARE TESTING LAB	21	42	2
15BQ1A1207	RT32129	WEB TECHNOLOGIES LAB	21	40	2
15BQ1A1210	RT32052	DATA WARE HOUSING AND MINING	16	12	0
15BQ1A1210	RT32053	COMPUTER NETWORKS	16	26	3
15BQ1A1210	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	10	0
15BQ1A1210	RT32055	WEB TECHNOLOGIES	16	0	0
15BQ1A1210	RT32056	IPR AND PATENTS	7	27	0
15BQ1A1210	RT32121	SOFTWARE TESTING	16	7	0
15BQ1A1210	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	31	2
15BQ1A1210	RT32128	SOFTWARE TESTING LAB	15	30	2
15BQ1A1210	RT32129	WEB TECHNOLOGIES LAB	16	31	2
15BQ1A1211	RT32052	DATA WARE HOUSING AND MINING	17	0	0
15BQ1A1211	RT32053	COMPUTER NETWORKS	17	14	0
15BQ1A1211	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	17	0
15BQ1A1211	RT32055	WEB TECHNOLOGIES	21	5	0
15BQ1A1211	RT32056	IPR AND PATENTS	17	29	2
15BQ1A1211	RT32121	SOFTWARE TESTING	16	18	0
15BQ1A1211	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	32	2
15BQ1A1211	RT32128	SOFTWARE TESTING LAB	18	38	2
15BQ1A1211	RT32129	WEB TECHNOLOGIES LAB	16	31	2
15BQ1A1212	RT32052	DATA WARE HOUSING AND MINING	24	27	3
15BQ1A1212	RT32053	COMPUTER NETWORKS	20	27	3
15BQ1A1212	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
15BQ1A1212	RT32055	WEB TECHNOLOGIES	27	24	3
15BQ1A1212	RT32056	IPR AND PATENTS	20	29	2
15BQ1A1212	RT32121	SOFTWARE TESTING	19	26	3
15BQ1A1212	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A1212	RT32128	SOFTWARE TESTING LAB	22	45	2
15BQ1A1212	RT32129	WEB TECHNOLOGIES LAB	23	49	2
15BQ1A1213	RT32052	DATA WARE HOUSING AND MINING	26	33	3
15BQ1A1213	RT32053	COMPUTER NETWORKS	25	50	3
15BQ1A1213	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	49	3
15BQ1A1213	RT32055	WEB TECHNOLOGIES	28	63	3
15BQ1A1213	RT32056	IPR AND PATENTS	21	45	2
15BQ1A1213	RT32121	SOFTWARE TESTING	26	41	3
15BQ1A1213	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1213	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1213	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1214	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15BQ1A1214	RT32053	COMPUTER NETWORKS	17	43	3
15BQ1A1214	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BQ1A1214	RT32055	WEB TECHNOLOGIES	21	30	3
15BQ1A1214	RT32056	IPR AND PATENTS	18	34	2
15BQ1A1214	RT32121	SOFTWARE TESTING	20	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1214	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	33	2
15BQ1A1214	RT32128	SOFTWARE TESTING LAB	18	42	2
15BQ1A1214	RT32129	WEB TECHNOLOGIES LAB	19	31	2
15BQ1A1215	RT32052	DATA WARE HOUSING AND MINING	23	25	3
15BQ1A1215	RT32053	COMPUTER NETWORKS	19	24	3
15BQ1A1215	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	39	3
15BQ1A1215	RT32055	WEB TECHNOLOGIES	26	33	3
15BQ1A1215	RT32056	IPR AND PATENTS	18	28	2
15BQ1A1215	RT32121	SOFTWARE TESTING	17	25	3
15BQ1A1215	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	34	2
15BQ1A1215	RT32128	SOFTWARE TESTING LAB	16	40	2
15BQ1A1215	RT32129	WEB TECHNOLOGIES LAB	20	36	2
15BQ1A1216	RT32052	DATA WARE HOUSING AND MINING	25	25	3
15BQ1A1216	RT32053	COMPUTER NETWORKS	24	39	3
15BQ1A1216	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15BQ1A1216	RT32055	WEB TECHNOLOGIES	29	29	3
15BQ1A1216	RT32056	IPR AND PATENTS	19	37	2
15BQ1A1216	RT32121	SOFTWARE TESTING	24	45	3
15BQ1A1216	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15BQ1A1216	RT32128	SOFTWARE TESTING LAB	22	48	2
15BQ1A1216	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A1217	RT32052	DATA WARE HOUSING AND MINING	24	27	3
15BQ1A1217	RT32053	COMPUTER NETWORKS	26	46	3
15BQ1A1217	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	51	3
15BQ1A1217	RT32055	WEB TECHNOLOGIES	25	60	3
15BQ1A1217	RT32056	IPR AND PATENTS	20	45	2
15BQ1A1217	RT32121	SOFTWARE TESTING	25	37	3
15BQ1A1217	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1217	RT32128	SOFTWARE TESTING LAB	24	50	2
15BQ1A1217	RT32129	WEB TECHNOLOGIES LAB	24	47	2
15BQ1A1218	RT32052	DATA WARE HOUSING AND MINING	27	35	3
15BQ1A1218	RT32053	COMPUTER NETWORKS	27	51	3
15BQ1A1218	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	34	3
15BQ1A1218	RT32055	WEB TECHNOLOGIES	27	38	3
15BQ1A1218	RT32056	IPR AND PATENTS	21	59	2
15BQ1A1218	RT32121	SOFTWARE TESTING	25	34	3
15BQ1A1218	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1218	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1218	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1219	RT32052	DATA WARE HOUSING AND MINING	25	49	3
15BQ1A1219	RT32053	COMPUTER NETWORKS	24	36	3
15BQ1A1219	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15BQ1A1219	RT32055	WEB TECHNOLOGIES	25	48	3
15BQ1A1219	RT32056	IPR AND PATENTS	19	40	2
15BQ1A1219	RT32121	SOFTWARE TESTING	26	35	3
15BQ1A1219	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BQ1A1219	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1219	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1220	RT32052	DATA WARE HOUSING AND MINING	27	50	3
15BQ1A1220	RT32053	COMPUTER NETWORKS	24	41	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1220	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	44	3
15BQ1A1220	RT32055	WEB TECHNOLOGIES	28	36	3
15BQ1A1220	RT32056	IPR AND PATENTS	22	57	2
15BQ1A1220	RT32121	SOFTWARE TESTING	26	40	3
15BQ1A1220	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1220	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1220	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1221	RT32052	DATA WARE HOUSING AND MINING	18	-1	0
15BQ1A1221	RT32053	COMPUTER NETWORKS	17	28	3
15BQ1A1221	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	31	3
15BQ1A1221	RT32055	WEB TECHNOLOGIES	23	40	3
15BQ1A1221	RT32056	IPR AND PATENTS	16	56	2
15BQ1A1221	RT32121	SOFTWARE TESTING	24	17	0
15BQ1A1221	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	31	2
15BQ1A1221	RT32128	SOFTWARE TESTING LAB	21	39	2
15BQ1A1221	RT32129	WEB TECHNOLOGIES LAB	21	45	2
15BQ1A1222	RT32052	DATA WARE HOUSING AND MINING	27	30	3
15BQ1A1222	RT32053	COMPUTER NETWORKS	23	39	3
15BQ1A1222	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	26	3
15BQ1A1222	RT32055	WEB TECHNOLOGIES	24	37	3
15BQ1A1222	RT32056	IPR AND PATENTS	18	44	2
15BQ1A1222	RT32121	SOFTWARE TESTING	23	29	3
15BQ1A1222	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15BQ1A1222	RT32128	SOFTWARE TESTING LAB	19	48	2
15BQ1A1222	RT32129	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A1223	RT32052	DATA WARE HOUSING AND MINING	24	37	3
15BQ1A1223	RT32053	COMPUTER NETWORKS	20	26	3
15BQ1A1223	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	39	3
15BQ1A1223	RT32055	WEB TECHNOLOGIES	20	39	3
15BQ1A1223	RT32056	IPR AND PATENTS	16	34	2
15BQ1A1223	RT32121	SOFTWARE TESTING	22	26	3
15BQ1A1223	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15BQ1A1223	RT32128	SOFTWARE TESTING LAB	23	46	2
15BQ1A1223	RT32129	WEB TECHNOLOGIES LAB	20	44	2
15BQ1A1224	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15BQ1A1224	RT32053	COMPUTER NETWORKS	26	46	3
15BQ1A1224	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	41	3
15BQ1A1224	RT32055	WEB TECHNOLOGIES	27	37	3
15BQ1A1224	RT32056	IPR AND PATENTS	17	43	2
15BQ1A1224	RT32121	SOFTWARE TESTING	21	35	3
15BQ1A1224	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15BQ1A1224	RT32128	SOFTWARE TESTING LAB	23	48	2
15BQ1A1224	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15BQ1A1225	RT32052	DATA WARE HOUSING AND MINING	22	15	0
15BQ1A1225	RT32053	COMPUTER NETWORKS	22	28	3
15BQ1A1225	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	43	3
15BQ1A1225	RT32055	WEB TECHNOLOGIES	26	43	3
15BQ1A1225	RT32056	IPR AND PATENTS	18	45	2
15BQ1A1225	RT32121	SOFTWARE TESTING	25	30	3
15BQ1A1225	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1225	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1225	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1226	RT32052	DATA WARE HOUSING AND MINING	26	27	3
15BQ1A1226	RT32053	COMPUTER NETWORKS	24	45	3
15BQ1A1226	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15BQ1A1226	RT32055	WEB TECHNOLOGIES	27	42	3
15BQ1A1226	RT32056	IPR AND PATENTS	20	34	2
15BQ1A1226	RT32121	SOFTWARE TESTING	26	31	3
15BQ1A1226	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BQ1A1226	RT32128	SOFTWARE TESTING LAB	23	48	2
15BQ1A1226	RT32129	WEB TECHNOLOGIES LAB	22	48	2
15BQ1A1227	RT32052	DATA WARE HOUSING AND MINING	16	25	3
15BQ1A1227	RT32053	COMPUTER NETWORKS	17	7	0
15BQ1A1227	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	6	0
15BQ1A1227	RT32055	WEB TECHNOLOGIES	16	10	0
15BQ1A1227	RT32056	IPR AND PATENTS	17	18	0
15BQ1A1227	RT32121	SOFTWARE TESTING	19	18	0
15BQ1A1227	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	28	2
15BQ1A1227	RT32128	SOFTWARE TESTING LAB	18	38	2
15BQ1A1227	RT32129	WEB TECHNOLOGIES LAB	17	32	2
15BQ1A1228	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15BQ1A1228	RT32053	COMPUTER NETWORKS	25	32	3
15BQ1A1228	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	40	3
15BQ1A1228	RT32055	WEB TECHNOLOGIES	16	31	3
15BQ1A1228	RT32056	IPR AND PATENTS	19	44	2
15BQ1A1228	RT32121	SOFTWARE TESTING	20	44	3
15BQ1A1228	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	32	2
15BQ1A1228	RT32128	SOFTWARE TESTING LAB	18	42	2
15BQ1A1228	RT32129	WEB TECHNOLOGIES LAB	20	42	2
15BQ1A1229	RT32052	DATA WARE HOUSING AND MINING	22	18	0
15BQ1A1229	RT32053	COMPUTER NETWORKS	21	24	3
15BQ1A1229	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
15BQ1A1229	RT32055	WEB TECHNOLOGIES	19	44	3
15BQ1A1229	RT32056	IPR AND PATENTS	21	43	2
15BQ1A1229	RT32121	SOFTWARE TESTING	19	40	3
15BQ1A1229	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	31	2
15BQ1A1229	RT32128	SOFTWARE TESTING LAB	19	32	2
15BQ1A1229	RT32129	WEB TECHNOLOGIES LAB	20	11	0
15BQ1A1231	RT32052	DATA WARE HOUSING AND MINING	17	36	3
15BQ1A1231	RT32053	COMPUTER NETWORKS	17	42	3
15BQ1A1231	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	28	3
15BQ1A1231	RT32055	WEB TECHNOLOGIES	20	31	3
15BQ1A1231	RT32056	IPR AND PATENTS	19	31	2
15BQ1A1231	RT32121	SOFTWARE TESTING	21	26	3
15BQ1A1231	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	32	2
15BQ1A1231	RT32128	SOFTWARE TESTING LAB	16	36	2
15BQ1A1231	RT32129	WEB TECHNOLOGIES LAB	19	33	2
15BQ1A1232	RT32052	DATA WARE HOUSING AND MINING	17	46	3
15BQ1A1232	RT32053	COMPUTER NETWORKS	19	11	0
15BQ1A1232	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1232	RT32055	WEB TECHNOLOGIES	17	0	0
15BQ1A1232	RT32056	IPR AND PATENTS	16	12	0
15BQ1A1232	RT32121	SOFTWARE TESTING	22	25	3
15BQ1A1232	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15BQ1A1232	RT32128	SOFTWARE TESTING LAB	15	36	2
15BQ1A1232	RT32129	WEB TECHNOLOGIES LAB	17	30	2
15BQ1A1233	RT32052	DATA WARE HOUSING AND MINING	27	37	3
15BQ1A1233	RT32053	COMPUTER NETWORKS	22	30	3
15BQ1A1233	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	36	3
15BQ1A1233	RT32055	WEB TECHNOLOGIES	26	29	3
15BQ1A1233	RT32056	IPR AND PATENTS	21	38	2
15BQ1A1233	RT32121	SOFTWARE TESTING	23	36	3
15BQ1A1233	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	39	2
15BQ1A1233	RT32128	SOFTWARE TESTING LAB	21	40	2
15BQ1A1233	RT32129	WEB TECHNOLOGIES LAB	22	45	2
15BQ1A1234	RT32052	DATA WARE HOUSING AND MINING	26	33	3
15BQ1A1234	RT32053	COMPUTER NETWORKS	24	39	3
15BQ1A1234	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15BQ1A1234	RT32055	WEB TECHNOLOGIES	28	61	3
15BQ1A1234	RT32056	IPR AND PATENTS	23	62	2
15BQ1A1234	RT32121	SOFTWARE TESTING	25	50	3
15BQ1A1234	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1234	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1234	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1235	RT32052	DATA WARE HOUSING AND MINING	25	33	3
15BQ1A1235	RT32053	COMPUTER NETWORKS	21	41	3
15BQ1A1235	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15BQ1A1235	RT32055	WEB TECHNOLOGIES	24	36	3
15BQ1A1235	RT32056	IPR AND PATENTS	20	39	2
15BQ1A1235	RT32121	SOFTWARE TESTING	22	52	3
15BQ1A1235	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15BQ1A1235	RT32128	SOFTWARE TESTING LAB	20	45	2
15BQ1A1235	RT32129	WEB TECHNOLOGIES LAB	23	45	2
15BQ1A1236	RT32052	DATA WARE HOUSING AND MINING	26	51	3
15BQ1A1236	RT32053	COMPUTER NETWORKS	26	41	3
15BQ1A1236	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	60	3
15BQ1A1236	RT32055	WEB TECHNOLOGIES	27	63	3
15BQ1A1236	RT32056	IPR AND PATENTS	22	55	2
15BQ1A1236	RT32121	SOFTWARE TESTING	28	41	3
15BQ1A1236	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1236	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1236	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1237	RT32052	DATA WARE HOUSING AND MINING	18	25	3
15BQ1A1237	RT32053	COMPUTER NETWORKS	16	28	3
15BQ1A1237	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	38	3
15BQ1A1237	RT32055	WEB TECHNOLOGIES	19	28	3
15BQ1A1237	RT32056	IPR AND PATENTS	16	34	2
15BQ1A1237	RT32121	SOFTWARE TESTING	19	31	3
15BQ1A1237	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15BQ1A1237	RT32128	SOFTWARE TESTING LAB	16	35	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1237	RT32129	WEB TECHNOLOGIES LAB	16	30	2
15BQ1A1238	RT32052	DATA WARE HOUSING AND MINING	26	40	3
15BQ1A1238	RT32053	COMPUTER NETWORKS	25	44	3
15BQ1A1238	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	46	3
15BQ1A1238	RT32055	WEB TECHNOLOGIES	29	60	3
15BQ1A1238	RT32056	IPR AND PATENTS	22	43	2
15BQ1A1238	RT32121	SOFTWARE TESTING	26	40	3
15BQ1A1238	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1238	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1238	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1239	RT32052	DATA WARE HOUSING AND MINING	16	30	3
15BQ1A1239	RT32053	COMPUTER NETWORKS	16	42	3
15BQ1A1239	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	15	0
15BQ1A1239	RT32055	WEB TECHNOLOGIES	18	31	3
15BQ1A1239	RT32056	IPR AND PATENTS	16	29	2
15BQ1A1239	RT32121	SOFTWARE TESTING	21	36	3
15BQ1A1239	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	30	2
15BQ1A1239	RT32128	SOFTWARE TESTING LAB	17	36	2
15BQ1A1239	RT32129	WEB TECHNOLOGIES LAB	17	30	2
15BQ1A1240	RT32052	DATA WARE HOUSING AND MINING	17	35	3
15BQ1A1240	RT32053	COMPUTER NETWORKS	16	24	3
15BQ1A1240	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	33	3
15BQ1A1240	RT32055	WEB TECHNOLOGIES	18	12	0
15BQ1A1240	RT32056	IPR AND PATENTS	16	32	2
15BQ1A1240	RT32121	SOFTWARE TESTING	16	28	3
15BQ1A1240	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15BQ1A1240	RT32128	SOFTWARE TESTING LAB	21	42	2
15BQ1A1240	RT32129	WEB TECHNOLOGIES LAB	16	31	2
15BQ1A1244	RT32052	DATA WARE HOUSING AND MINING	18	0	0
15BQ1A1244	RT32053	COMPUTER NETWORKS	17	12	0
15BQ1A1244	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BQ1A1244	RT32055	WEB TECHNOLOGIES	17	18	0
15BQ1A1244	RT32056	IPR AND PATENTS	17	25	2
15BQ1A1244	RT32121	SOFTWARE TESTING	21	15	0
15BQ1A1244	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	35	2
15BQ1A1244	RT32128	SOFTWARE TESTING LAB	16	35	2
15BQ1A1244	RT32129	WEB TECHNOLOGIES LAB	16	30	2
15BQ1A1245	RT32052	DATA WARE HOUSING AND MINING	17	7	0
15BQ1A1245	RT32053	COMPUTER NETWORKS	17	13	0
15BQ1A1245	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	27	3
15BQ1A1245	RT32055	WEB TECHNOLOGIES	18	24	3
15BQ1A1245	RT32056	IPR AND PATENTS	16	33	2
15BQ1A1245	RT32121	SOFTWARE TESTING	16	7	0
15BQ1A1245	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	30	2
15BQ1A1245	RT32128	SOFTWARE TESTING LAB	16	35	2
15BQ1A1245	RT32129	WEB TECHNOLOGIES LAB	16	33	2
15BQ1A1246	RT32052	DATA WARE HOUSING AND MINING	26	30	3
15BQ1A1246	RT32053	COMPUTER NETWORKS	21	43	3
15BQ1A1246	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	28	3
15BQ1A1246	RT32055	WEB TECHNOLOGIES	27	34	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1246	RT32056	IPR AND PATENTS	21	39	2
15BQ1A1246	RT32121	SOFTWARE TESTING	26	35	3
15BQ1A1246	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15BQ1A1246	RT32128	SOFTWARE TESTING LAB	24	50	2
15BQ1A1246	RT32129	WEB TECHNOLOGIES LAB	25	49	2
15BQ1A1247	RT32052	DATA WARE HOUSING AND MINING	19	43	3
15BQ1A1247	RT32053	COMPUTER NETWORKS	23	32	3
15BQ1A1247	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	47	3
15BQ1A1247	RT32055	WEB TECHNOLOGIES	25	51	3
15BQ1A1247	RT32056	IPR AND PATENTS	19	41	2
15BQ1A1247	RT32121	SOFTWARE TESTING	18	35	3
15BQ1A1247	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	50	2
15BQ1A1247	RT32128	SOFTWARE TESTING LAB	24	50	2
15BQ1A1247	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1248	RT32052	DATA WARE HOUSING AND MINING	24	0	0
15BQ1A1248	RT32053	COMPUTER NETWORKS	21	26	3
15BQ1A1248	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3
15BQ1A1248	RT32055	WEB TECHNOLOGIES	17	8	0
15BQ1A1248	RT32056	IPR AND PATENTS	14	30	2
15BQ1A1248	RT32121	SOFTWARE TESTING	16	24	3
15BQ1A1248	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	34	2
15BQ1A1248	RT32128	SOFTWARE TESTING LAB	17	41	2
15BQ1A1248	RT32129	WEB TECHNOLOGIES LAB	16	32	2
15BQ1A1249	RT32052	DATA WARE HOUSING AND MINING	20	18	0
15BQ1A1249	RT32053	COMPUTER NETWORKS	16	24	3
15BQ1A1249	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	31	3
15BQ1A1249	RT32055	WEB TECHNOLOGIES	19	29	3
15BQ1A1249	RT32056	IPR AND PATENTS	20	39	2
15BQ1A1249	RT32121	SOFTWARE TESTING	18	26	3
15BQ1A1249	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BQ1A1249	RT32128	SOFTWARE TESTING LAB	18	41	2
15BQ1A1249	RT32129	WEB TECHNOLOGIES LAB	18	36	2
15BQ1A1250	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15BQ1A1250	RT32053	COMPUTER NETWORKS	25	46	3
15BQ1A1250	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
15BQ1A1250	RT32055	WEB TECHNOLOGIES	27	36	3
15BQ1A1250	RT32056	IPR AND PATENTS	20	33	2
15BQ1A1250	RT32121	SOFTWARE TESTING	26	31	3
15BQ1A1250	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15BQ1A1250	RT32128	SOFTWARE TESTING LAB	24	50	2
15BQ1A1250	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15BQ1A1251	RT32052	DATA WARE HOUSING AND MINING	26	29	3
15BQ1A1251	RT32053	COMPUTER NETWORKS	22	26	3
15BQ1A1251	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
15BQ1A1251	RT32055	WEB TECHNOLOGIES	25	47	3
15BQ1A1251	RT32056	IPR AND PATENTS	17	37	2
15BQ1A1251	RT32121	SOFTWARE TESTING	24	32	3
15BQ1A1251	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15BQ1A1251	RT32128	SOFTWARE TESTING LAB	21	47	2
15BQ1A1251	RT32129	WEB TECHNOLOGIES LAB	22	47	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1252	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15BQ1A1252	RT32053	COMPUTER NETWORKS	20	32	3
15BQ1A1252	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	32	3
15BQ1A1252	RT32055	WEB TECHNOLOGIES	24	31	3
15BQ1A1252	RT32056	IPR AND PATENTS	21	38	2
15BQ1A1252	RT32121	SOFTWARE TESTING	26	33	3
15BQ1A1252	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	46	2
15BQ1A1252	RT32128	SOFTWARE TESTING LAB	19	46	2
15BQ1A1252	RT32129	WEB TECHNOLOGIES LAB	24	45	2
15BQ1A1253	RT32052	DATA WARE HOUSING AND MINING	29	36	3
15BQ1A1253	RT32053	COMPUTER NETWORKS	23	39	3
15BQ1A1253	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	45	3
15BQ1A1253	RT32055	WEB TECHNOLOGIES	26	55	3
15BQ1A1253	RT32056	IPR AND PATENTS	21	63	2
15BQ1A1253	RT32121	SOFTWARE TESTING	26	41	3
15BQ1A1253	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1253	RT32128	SOFTWARE TESTING LAB	25	50	2
15BQ1A1253	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15BQ1A1254	RT32052	DATA WARE HOUSING AND MINING	27	36	3
15BQ1A1254	RT32053	COMPUTER NETWORKS	26	46	3
15BQ1A1254	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	33	3
15BQ1A1254	RT32055	WEB TECHNOLOGIES	26	41	3
15BQ1A1254	RT32056	IPR AND PATENTS	23	39	2
15BQ1A1254	RT32121	SOFTWARE TESTING	26	34	3
15BQ1A1254	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BQ1A1254	RT32128	SOFTWARE TESTING LAB	24	49	2
15BQ1A1254	RT32129	WEB TECHNOLOGIES LAB	25	47	2
15BQ1A1255	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15BQ1A1255	RT32053	COMPUTER NETWORKS	16	13	0
15BQ1A1255	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	20	0
15BQ1A1255	RT32055	WEB TECHNOLOGIES	20	25	3
15BQ1A1255	RT32056	IPR AND PATENTS	16	28	2
15BQ1A1255	RT32121	SOFTWARE TESTING	16	6	0
15BQ1A1255	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BQ1A1255	RT32128	SOFTWARE TESTING LAB	20	40	2
15BQ1A1255	RT32129	WEB TECHNOLOGIES LAB	22	37	2
15BQ1A1256	RT32052	DATA WARE HOUSING AND MINING	20	12	0
15BQ1A1256	RT32053	COMPUTER NETWORKS	17	14	0
15BQ1A1256	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	14	0
15BQ1A1256	RT32055	WEB TECHNOLOGIES	19	3	0
15BQ1A1256	RT32056	IPR AND PATENTS	16	30	2
15BQ1A1256	RT32121	SOFTWARE TESTING	18	8	0
15BQ1A1256	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	30	2
15BQ1A1256	RT32128	SOFTWARE TESTING LAB	15	40	2
15BQ1A1256	RT32129	WEB TECHNOLOGIES LAB	19	30	2
15BQ1A1257	RT32052	DATA WARE HOUSING AND MINING	26	24	3
15BQ1A1257	RT32053	COMPUTER NETWORKS	27	30	3
15BQ1A1257	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	43	3
15BQ1A1257	RT32055	WEB TECHNOLOGIES	26	47	3
15BQ1A1257	RT32056	IPR AND PATENTS	21	61	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1257	RT32121	SOFTWARE TESTING	23	37	3
15BQ1A1257	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15BQ1A1257	RT32128	SOFTWARE TESTING LAB	23	48	2
15BQ1A1257	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15BQ1A1258	RT32052	DATA WARE HOUSING AND MINING	18	30	3
15BQ1A1258	RT32053	COMPUTER NETWORKS	19	27	3
15BQ1A1258	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	11	0
15BQ1A1258	RT32055	WEB TECHNOLOGIES	23	14	0
15BQ1A1258	RT32056	IPR AND PATENTS	15	29	2
15BQ1A1258	RT32121	SOFTWARE TESTING	20	29	3
15BQ1A1258	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	30	2
15BQ1A1258	RT32128	SOFTWARE TESTING LAB	16	46	2
15BQ1A1258	RT32129	WEB TECHNOLOGIES LAB	19	42	2
15BQ1A1259	RT32052	DATA WARE HOUSING AND MINING	20	30	3
15BQ1A1259	RT32053	COMPUTER NETWORKS	16	0	0
15BQ1A1259	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
15BQ1A1259	RT32055	WEB TECHNOLOGIES	20	29	3
15BQ1A1259	RT32056	IPR AND PATENTS	17	29	2
15BQ1A1259	RT32121	SOFTWARE TESTING	20	8	0
15BQ1A1259	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	28	2
15BQ1A1259	RT32128	SOFTWARE TESTING LAB	18	36	2
15BQ1A1259	RT32129	WEB TECHNOLOGIES LAB	16	37	2
15BQ1A1260	RT32052	DATA WARE HOUSING AND MINING	17	25	3
15BQ1A1260	RT32053	COMPUTER NETWORKS	21	28	3
15BQ1A1260	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	35	3
15BQ1A1260	RT32055	WEB TECHNOLOGIES	23	28	3
15BQ1A1260	RT32056	IPR AND PATENTS	19	40	2
15BQ1A1260	RT32121	SOFTWARE TESTING	20	25	3
15BQ1A1260	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15BQ1A1260	RT32128	SOFTWARE TESTING LAB	17	38	2
15BQ1A1260	RT32129	WEB TECHNOLOGIES LAB	19	37	2
15BQ5A0220	RT32026	POWER SEMICONDUCTOR DRIVES	18	19	0
15BQ5A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	15	0
15BQ5A0226	RT32024	POWER SYSTEM ANALYSIS	17	7	0
15BQ5A0226	RT32025	MANAGEMENT SCIENCE	24	30	3
15BQ5A0304	RT32035	HEAT TRANSFER	18	9	0
15BQ5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	16	33	3
15BQ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15BQ5A0407	RT32042	DIGITAL SIGNAL PROCESSING	16	37	3
15BQ5A0407	RT32043	DIGITAL COMMUNICATIONS	23	34	3
15BQ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	16	30	3
15BQ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	16	31	3
15BQ5A0414	RT32042	DIGITAL SIGNAL PROCESSING	20	16	0
15BQ5A0414	RT32045A	BIO MEDICAL ENGINEERING	19	37	3
15BQ5A0415	RT32042	DIGITAL SIGNAL PROCESSING	16	18	0
15BQ5A0415	RT32043	DIGITAL COMMUNICATIONS	17	10	0
15BQ5A0415	RT32045A	BIO MEDICAL ENGINEERING	16	23	0
15BQ5A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
15BQ5A0415	RT32047	DIGITAL COMMUNICATIONS LAB	12	29	2
15BQ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	16	10	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ5A0424	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
15BQ5A0433	RT32042	DIGITAL SIGNAL PROCESSING	19	3	0
15BQ5A0433	RT32043	DIGITAL COMMUNICATIONS	23	15	0
15BQ5A0435	RT32042	DIGITAL SIGNAL PROCESSING	23	33	3
15KP1A0599	RT32051	SOFTWARE ENGINEERING	25	-1	0
15KP1A0599	RT32052	DATA WARE HOUSING AND MINING	16	26	3
15KP1A0599	RT32053	COMPUTER NETWORKS	16	24	3
15KP1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15KP1A0599	RT32055	WEB TECHNOLOGIES	16	0	0
15KP1A0599	RT32056	IPR AND PATENTS	16	0	0
15KP1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
15KP1A0599	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
15KP1A0599	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
16BQ5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	25	70	3
16BQ5A0101	RT32012	GEOTECHNICAL ENGINEERING II	26	39	3
16BQ5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	30	3
16BQ5A0101	RT32014	WATER RESOURCES ENGINEERING I	20	52	3
16BQ5A0101	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
16BQ5A0101	RT32016E	FINITE ELEMENT METHOD	17	44	3
16BQ5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
16BQ5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
16BQ5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	0	-1	0
16BQ5A0102	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
16BQ5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	-1	0
16BQ5A0102	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
16BQ5A0102	RT32015	TRANSPORTATION ENGINEERING II	0	-1	0
16BQ5A0102	RT32016E	FINITE ELEMENT METHOD	0	-1	0
16BQ5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	0	-1	0
16BQ5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	0	-1	0
16BQ5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	23	40	3
16BQ5A0103	RT32012	GEOTECHNICAL ENGINEERING II	24	47	3
16BQ5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	31	3
16BQ5A0103	RT32014	WATER RESOURCES ENGINEERING I	21	50	3
16BQ5A0103	RT32015	TRANSPORTATION ENGINEERING II	27	55	3
16BQ5A0103	RT32016E	FINITE ELEMENT METHOD	18	36	3
16BQ5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
16BQ5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
16BQ5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	27	39	3
16BQ5A0104	RT32012	GEOTECHNICAL ENGINEERING II	26	36	3
16BQ5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	51	3
16BQ5A0104	RT32014	WATER RESOURCES ENGINEERING I	24	50	3
16BQ5A0104	RT32015	TRANSPORTATION ENGINEERING II	29	60	3
16BQ5A0104	RT32016E	FINITE ELEMENT METHOD	25	26	3
16BQ5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
16BQ5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
16BQ5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	25	65	3
16BQ5A0105	RT32012	GEOTECHNICAL ENGINEERING II	25	50	3
16BQ5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	46	3
16BQ5A0105	RT32014	WATER RESOURCES ENGINEERING I	19	59	3
16BQ5A0105	RT32015	TRANSPORTATION ENGINEERING II	20	42	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0105	RT32016E	FINITE ELEMENT METHOD	20	37	3
16BQ5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BQ5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
16BQ5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	19	31	3
16BQ5A0106	RT32012	GEOTECHNICAL ENGINEERING II	24	39	3
16BQ5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	32	3
16BQ5A0106	RT32014	WATER RESOURCES ENGINEERING I	16	37	3
16BQ5A0106	RT32015	TRANSPORTATION ENGINEERING II	18	60	3
16BQ5A0106	RT32016E	FINITE ELEMENT METHOD	17	28	3
16BQ5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BQ5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	18	32	2
16BQ5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	21	39	3
16BQ5A0107	RT32012	GEOTECHNICAL ENGINEERING II	25	43	3
16BQ5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	31	3
16BQ5A0107	RT32014	WATER RESOURCES ENGINEERING I	17	37	3
16BQ5A0107	RT32015	TRANSPORTATION ENGINEERING II	17	49	3
16BQ5A0107	RT32016E	FINITE ELEMENT METHOD	22	30	3
16BQ5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
16BQ5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	19	31	2
16BQ5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	21	27	3
16BQ5A0108	RT32012	GEOTECHNICAL ENGINEERING II	27	28	3
16BQ5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	28	3
16BQ5A0108	RT32014	WATER RESOURCES ENGINEERING I	16	32	3
16BQ5A0108	RT32015	TRANSPORTATION ENGINEERING II	23	57	3
16BQ5A0108	RT32016E	FINITE ELEMENT METHOD	21	28	3
16BQ5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	55	2
16BQ5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	17	34	2
16BQ5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	17	69	3
16BQ5A0109	RT32012	GEOTECHNICAL ENGINEERING II	22	29	3
16BQ5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	39	3
16BQ5A0109	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
16BQ5A0109	RT32015	TRANSPORTATION ENGINEERING II	19	41	3
16BQ5A0109	RT32016E	FINITE ELEMENT METHOD	17	39	3
16BQ5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	49	2
16BQ5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
16BQ5A0110	RT32011	ENVIRONMENTAL ENGINEERING I	19	29	3
16BQ5A0110	RT32012	GEOTECHNICAL ENGINEERING II	26	58	3
16BQ5A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	36	3
16BQ5A0110	RT32014	WATER RESOURCES ENGINEERING I	17	48	3
16BQ5A0110	RT32015	TRANSPORTATION ENGINEERING II	22	60	3
16BQ5A0110	RT32016E	FINITE ELEMENT METHOD	13	12	0
16BQ5A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	60	2
16BQ5A0110	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
16BQ5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	19	38	3
16BQ5A0111	RT32012	GEOTECHNICAL ENGINEERING II	20	44	3
16BQ5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	31	3
16BQ5A0111	RT32014	WATER RESOURCES ENGINEERING I	20	35	3
16BQ5A0111	RT32015	TRANSPORTATION ENGINEERING II	17	53	3
16BQ5A0111	RT32016E	FINITE ELEMENT METHOD	18	26	3
16BQ5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	57	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	18	33	2
16BQ5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	24	28	3
16BQ5A0112	RT32012	GEOTECHNICAL ENGINEERING II	24	37	3
16BQ5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	37	3
16BQ5A0112	RT32014	WATER RESOURCES ENGINEERING I	23	43	3
16BQ5A0112	RT32015	TRANSPORTATION ENGINEERING II	27	53	3
16BQ5A0112	RT32016E	FINITE ELEMENT METHOD	22	44	3
16BQ5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
16BQ5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
16BQ5A0114	RT32011	ENVIRONMENTAL ENGINEERING I	26	70	3
16BQ5A0114	RT32012	GEOTECHNICAL ENGINEERING II	28	29	3
16BQ5A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	35	3
16BQ5A0114	RT32014	WATER RESOURCES ENGINEERING I	26	36	3
16BQ5A0114	RT32015	TRANSPORTATION ENGINEERING II	29	37	3
16BQ5A0114	RT32016E	FINITE ELEMENT METHOD	21	28	3
16BQ5A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	58	2
16BQ5A0114	RT32018	TRANSPORTATION ENGINEERING LAB	14	49	2
16BQ5A0115	RT32011	ENVIRONMENTAL ENGINEERING I	20	41	3
16BQ5A0115	RT32012	GEOTECHNICAL ENGINEERING II	21	49	3
16BQ5A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	41	3
16BQ5A0115	RT32014	WATER RESOURCES ENGINEERING I	19	34	3
16BQ5A0115	RT32015	TRANSPORTATION ENGINEERING II	25	49	3
16BQ5A0115	RT32016E	FINITE ELEMENT METHOD	19	24	3
16BQ5A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	59	2
16BQ5A0115	RT32018	TRANSPORTATION ENGINEERING LAB	19	32	2
16BQ5A0116	RT32011	ENVIRONMENTAL ENGINEERING I	21	35	3
16BQ5A0116	RT32012	GEOTECHNICAL ENGINEERING II	21	50	3
16BQ5A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	28	3
16BQ5A0116	RT32014	WATER RESOURCES ENGINEERING I	16	39	3
16BQ5A0116	RT32015	TRANSPORTATION ENGINEERING II	18	49	3
16BQ5A0116	RT32016E	FINITE ELEMENT METHOD	17	40	3
16BQ5A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	54	2
16BQ5A0116	RT32018	TRANSPORTATION ENGINEERING LAB	19	41	2
16BQ5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	25	30	3
16BQ5A0117	RT32012	GEOTECHNICAL ENGINEERING II	22	31	3
16BQ5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	41	3
16BQ5A0117	RT32014	WATER RESOURCES ENGINEERING I	17	44	3
16BQ5A0117	RT32015	TRANSPORTATION ENGINEERING II	24	54	3
16BQ5A0117	RT32016E	FINITE ELEMENT METHOD	22	24	3
16BQ5A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	54	2
16BQ5A0117	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
16BQ5A0118	RT32011	ENVIRONMENTAL ENGINEERING I	23	70	3
16BQ5A0118	RT32012	GEOTECHNICAL ENGINEERING II	23	37	3
16BQ5A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	35	3
16BQ5A0118	RT32014	WATER RESOURCES ENGINEERING I	25	69	3
16BQ5A0118	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
16BQ5A0118	RT32016E	FINITE ELEMENT METHOD	19	42	3
16BQ5A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BQ5A0118	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
16BQ5A0119	RT32011	ENVIRONMENTAL ENGINEERING I	21	31	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0119	RT32012	GEOTECHNICAL ENGINEERING II	19	55	3
16BQ5A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	46	3
16BQ5A0119	RT32014	WATER RESOURCES ENGINEERING I	18	39	3
16BQ5A0119	RT32015	TRANSPORTATION ENGINEERING II	22	56	3
16BQ5A0119	RT32016E	FINITE ELEMENT METHOD	18	30	3
16BQ5A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	59	2
16BQ5A0119	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
16BQ5A0120	RT32011	ENVIRONMENTAL ENGINEERING I	18	41	3
16BQ5A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	38	3
16BQ5A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	27	3
16BQ5A0120	RT32014	WATER RESOURCES ENGINEERING I	16	8	0
16BQ5A0120	RT32015	TRANSPORTATION ENGINEERING II	22	45	3
16BQ5A0120	RT32016E	FINITE ELEMENT METHOD	17	26	3
16BQ5A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	48	2
16BQ5A0120	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
16BQ5A0122	RT32011	ENVIRONMENTAL ENGINEERING I	21	33	3
16BQ5A0122	RT32012	GEOTECHNICAL ENGINEERING II	19	26	3
16BQ5A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	35	3
16BQ5A0122	RT32014	WATER RESOURCES ENGINEERING I	17	24	3
16BQ5A0122	RT32015	TRANSPORTATION ENGINEERING II	23	35	3
16BQ5A0122	RT32016E	FINITE ELEMENT METHOD	18	6	0
16BQ5A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	58	2
16BQ5A0122	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
16BQ5A0123	RT32011	ENVIRONMENTAL ENGINEERING I	22	69	3
16BQ5A0123	RT32012	GEOTECHNICAL ENGINEERING II	22	27	3
16BQ5A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	28	3
16BQ5A0123	RT32014	WATER RESOURCES ENGINEERING I	16	62	3
16BQ5A0123	RT32015	TRANSPORTATION ENGINEERING II	22	43	3
16BQ5A0123	RT32016E	FINITE ELEMENT METHOD	20	30	3
16BQ5A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	55	2
16BQ5A0123	RT32018	TRANSPORTATION ENGINEERING LAB	18	33	2
16BQ5A0124	RT32011	ENVIRONMENTAL ENGINEERING I	18	41	3
16BQ5A0124	RT32012	GEOTECHNICAL ENGINEERING II	24	49	3
16BQ5A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	41	3
16BQ5A0124	RT32014	WATER RESOURCES ENGINEERING I	17	31	3
16BQ5A0124	RT32015	TRANSPORTATION ENGINEERING II	22	59	3
16BQ5A0124	RT32016E	FINITE ELEMENT METHOD	16	30	3
16BQ5A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	55	2
16BQ5A0124	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
16BQ5A0125	RT32011	ENVIRONMENTAL ENGINEERING I	15	33	3
16BQ5A0125	RT32012	GEOTECHNICAL ENGINEERING II	20	40	3
16BQ5A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
16BQ5A0125	RT32014	WATER RESOURCES ENGINEERING I	16	32	3
16BQ5A0125	RT32015	TRANSPORTATION ENGINEERING II	22	34	3
16BQ5A0125	RT32016E	FINITE ELEMENT METHOD	18	34	3
16BQ5A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
16BQ5A0125	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
16BQ5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	40	3
16BQ5A0201	RT32022	SWITCHGEAR AND PROTECTION	26	51	3
16BQ5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	49	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0201	RT32024	POWER SYSTEM ANALYSIS	26	30	3
16BQ5A0201	RT32025	MANAGEMENT SCIENCE	23	42	3
16BQ5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	24	40	3
16BQ5A0201	RT32027	POWER ELECTRONICS LAB	24	48	2
16BQ5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
16BQ5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	8	0
16BQ5A0202	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
16BQ5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	27	3
16BQ5A0202	RT32024	POWER SYSTEM ANALYSIS	17	6	0
16BQ5A0202	RT32025	MANAGEMENT SCIENCE	14	28	3
16BQ5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	19	37	3
16BQ5A0202	RT32027	POWER ELECTRONICS LAB	17	26	2
16BQ5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	19	42	2
16BQ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	45	3
16BQ5A0203	RT32022	SWITCHGEAR AND PROTECTION	20	38	3
16BQ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	54	3
16BQ5A0203	RT32024	POWER SYSTEM ANALYSIS	21	26	3
16BQ5A0203	RT32025	MANAGEMENT SCIENCE	24	40	3
16BQ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
16BQ5A0203	RT32027	POWER ELECTRONICS LAB	17	38	2
16BQ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	21	42	2
16BQ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	12	0
16BQ5A0204	RT32022	SWITCHGEAR AND PROTECTION	16	25	3
16BQ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	38	3
16BQ5A0204	RT32024	POWER SYSTEM ANALYSIS	18	32	3
16BQ5A0204	RT32025	MANAGEMENT SCIENCE	19	33	3
16BQ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
16BQ5A0204	RT32027	POWER ELECTRONICS LAB	16	44	2
16BQ5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	16	20	2
16BQ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
16BQ5A0205	RT32022	SWITCHGEAR AND PROTECTION	25	47	3
16BQ5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	49	3
16BQ5A0205	RT32024	POWER SYSTEM ANALYSIS	19	25	3
16BQ5A0205	RT32025	MANAGEMENT SCIENCE	25	54	3
16BQ5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	21	35	3
16BQ5A0205	RT32027	POWER ELECTRONICS LAB	18	48	2
16BQ5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
16BQ5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	16	0
16BQ5A0206	RT32022	SWITCHGEAR AND PROTECTION	21	60	3
16BQ5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	36	3
16BQ5A0206	RT32024	POWER SYSTEM ANALYSIS	25	27	3
16BQ5A0206	RT32025	MANAGEMENT SCIENCE	25	39	3
16BQ5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	24	43	3
16BQ5A0206	RT32027	POWER ELECTRONICS LAB	16	42	2
16BQ5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	19	43	2
16BQ5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	37	3
16BQ5A0207	RT32022	SWITCHGEAR AND PROTECTION	20	46	3
16BQ5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	59	3
16BQ5A0207	RT32024	POWER SYSTEM ANALYSIS	22	28	3
16BQ5A0207	RT32025	MANAGEMENT SCIENCE	25	42	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	23	41	3
16BQ5A0207	RT32027	POWER ELECTRONICS LAB	24	42	2
16BQ5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	21	21	2
16BQ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	8	0
16BQ5A0208	RT32022	SWITCHGEAR AND PROTECTION	16	27	3
16BQ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	24	3
16BQ5A0208	RT32024	POWER SYSTEM ANALYSIS	17	17	0
16BQ5A0208	RT32025	MANAGEMENT SCIENCE	16	41	3
16BQ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	17	19	0
16BQ5A0208	RT32027	POWER ELECTRONICS LAB	12	18	2
16BQ5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	13	19	2
16BQ5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
16BQ5A0209	RT32022	SWITCHGEAR AND PROTECTION	22	46	3
16BQ5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	53	3
16BQ5A0209	RT32024	POWER SYSTEM ANALYSIS	20	24	3
16BQ5A0209	RT32025	MANAGEMENT SCIENCE	25	39	3
16BQ5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
16BQ5A0209	RT32027	POWER ELECTRONICS LAB	22	43	2
16BQ5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
16BQ5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	8	0
16BQ5A0210	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
16BQ5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	25	3
16BQ5A0210	RT32024	POWER SYSTEM ANALYSIS	18	7	0
16BQ5A0210	RT32025	MANAGEMENT SCIENCE	22	37	3
16BQ5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	17	27	3
16BQ5A0210	RT32027	POWER ELECTRONICS LAB	16	32	2
16BQ5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	16	20	2
16BQ5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	34	3
16BQ5A0211	RT32022	SWITCHGEAR AND PROTECTION	22	46	3
16BQ5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	52	3
16BQ5A0211	RT32024	POWER SYSTEM ANALYSIS	22	20	0
16BQ5A0211	RT32025	MANAGEMENT SCIENCE	25	35	3
16BQ5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
16BQ5A0211	RT32027	POWER ELECTRONICS LAB	16	48	2
16BQ5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
16BQ5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	19	0
16BQ5A0212	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
16BQ5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
16BQ5A0212	RT32024	POWER SYSTEM ANALYSIS	17	16	0
16BQ5A0212	RT32025	MANAGEMENT SCIENCE	21	45	3
16BQ5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	18	25	3
16BQ5A0212	RT32027	POWER ELECTRONICS LAB	18	36	2
16BQ5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	19	42	2
16BQ5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	37	3
16BQ5A0213	RT32022	SWITCHGEAR AND PROTECTION	22	37	3
16BQ5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	46	3
16BQ5A0213	RT32024	POWER SYSTEM ANALYSIS	16	27	3
16BQ5A0213	RT32025	MANAGEMENT SCIENCE	21	45	3
16BQ5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	16	37	3
16BQ5A0213	RT32027	POWER ELECTRONICS LAB	19	30	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	22	38	2
16BQ5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	16	0
16BQ5A0214	RT32022	SWITCHGEAR AND PROTECTION	18	33	3
16BQ5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	14	0
16BQ5A0214	RT32024	POWER SYSTEM ANALYSIS	17	24	3
16BQ5A0214	RT32025	MANAGEMENT SCIENCE	18	38	3
16BQ5A0214	RT32026	POWER SEMICONDUCTOR DRIVES	17	41	3
16BQ5A0214	RT32027	POWER ELECTRONICS LAB	17	18	2
16BQ5A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	21	20	2
16BQ5A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	27	3
16BQ5A0215	RT32022	SWITCHGEAR AND PROTECTION	23	41	3
16BQ5A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	49	3
16BQ5A0215	RT32024	POWER SYSTEM ANALYSIS	23	26	3
16BQ5A0215	RT32025	MANAGEMENT SCIENCE	23	34	3
16BQ5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	19	9	0
16BQ5A0215	RT32027	POWER ELECTRONICS LAB	24	40	2
16BQ5A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	24	22	2
16BQ5A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	28	3
16BQ5A0216	RT32022	SWITCHGEAR AND PROTECTION	17	33	3
16BQ5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	36	3
16BQ5A0216	RT32024	POWER SYSTEM ANALYSIS	16	25	3
16BQ5A0216	RT32025	MANAGEMENT SCIENCE	18	33	3
16BQ5A0216	RT32026	POWER SEMICONDUCTOR DRIVES	16	30	3
16BQ5A0216	RT32027	POWER ELECTRONICS LAB	18	25	2
16BQ5A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	21	43	2
16BQ5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	4	0
16BQ5A0217	RT32022	SWITCHGEAR AND PROTECTION	16	37	3
16BQ5A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	30	3
16BQ5A0217	RT32024	POWER SYSTEM ANALYSIS	16	1	0
16BQ5A0217	RT32025	MANAGEMENT SCIENCE	16	26	3
16BQ5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	18	-1	0
16BQ5A0217	RT32027	POWER ELECTRONICS LAB	16	30	2
16BQ5A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	20	20	2
16BQ5A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	15	0
16BQ5A0218	RT32022	SWITCHGEAR AND PROTECTION	22	44	3
16BQ5A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	26	3
16BQ5A0218	RT32024	POWER SYSTEM ANALYSIS	19	6	0
16BQ5A0218	RT32025	MANAGEMENT SCIENCE	19	34	3
16BQ5A0218	RT32026	POWER SEMICONDUCTOR DRIVES	21	48	3
16BQ5A0218	RT32027	POWER ELECTRONICS LAB	19	40	2
16BQ5A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	23	40	2
16BQ5A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	61	3
16BQ5A0219	RT32022	SWITCHGEAR AND PROTECTION	22	46	3
16BQ5A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	56	3
16BQ5A0219	RT32024	POWER SYSTEM ANALYSIS	26	34	3
16BQ5A0219	RT32025	MANAGEMENT SCIENCE	25	47	3
16BQ5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	24	44	3
16BQ5A0219	RT32027	POWER ELECTRONICS LAB	22	45	2
16BQ5A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	24	21	2
16BQ5A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0220	RT32022	SWITCHGEAR AND PROTECTION	24	43	3
16BQ5A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	35	3
16BQ5A0220	RT32024	POWER SYSTEM ANALYSIS	20	30	3
16BQ5A0220	RT32025	MANAGEMENT SCIENCE	23	54	3
16BQ5A0220	RT32026	POWER SEMICONDUCTOR DRIVES	22	37	3
16BQ5A0220	RT32027	POWER ELECTRONICS LAB	22	24	2
16BQ5A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
16BQ5A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	10	0
16BQ5A0221	RT32022	SWITCHGEAR AND PROTECTION	16	26	3
16BQ5A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	28	3
16BQ5A0221	RT32024	POWER SYSTEM ANALYSIS	16	8	0
16BQ5A0221	RT32025	MANAGEMENT SCIENCE	16	31	3
16BQ5A0221	RT32026	POWER SEMICONDUCTOR DRIVES	3	17	0
16BQ5A0221	RT32027	POWER ELECTRONICS LAB	7	8	0
16BQ5A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	17	20	2
16BQ5A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	15	0
16BQ5A0222	RT32022	SWITCHGEAR AND PROTECTION	18	15	0
16BQ5A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	29	3
16BQ5A0222	RT32024	POWER SYSTEM ANALYSIS	17	28	3
16BQ5A0222	RT32025	MANAGEMENT SCIENCE	17	39	3
16BQ5A0222	RT32026	POWER SEMICONDUCTOR DRIVES	19	33	3
16BQ5A0222	RT32027	POWER ELECTRONICS LAB	15	34	2
16BQ5A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	21	20	2
16BQ5A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	0	0
16BQ5A0223	RT32022	SWITCHGEAR AND PROTECTION	18	37	3
16BQ5A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	26	3
16BQ5A0223	RT32024	POWER SYSTEM ANALYSIS	16	13	0
16BQ5A0223	RT32025	MANAGEMENT SCIENCE	19	33	3
16BQ5A0223	RT32026	POWER SEMICONDUCTOR DRIVES	19	12	0
16BQ5A0223	RT32027	POWER ELECTRONICS LAB	17	20	2
16BQ5A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	18	20	2
16BQ5A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
16BQ5A0224	RT32022	SWITCHGEAR AND PROTECTION	24	41	3
16BQ5A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
16BQ5A0224	RT32024	POWER SYSTEM ANALYSIS	18	27	3
16BQ5A0224	RT32025	MANAGEMENT SCIENCE	22	57	3
16BQ5A0224	RT32026	POWER SEMICONDUCTOR DRIVES	19	33	3
16BQ5A0224	RT32027	POWER ELECTRONICS LAB	20	20	2
16BQ5A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
16BQ5A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	41	3
16BQ5A0225	RT32022	SWITCHGEAR AND PROTECTION	28	64	3
16BQ5A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	60	3
16BQ5A0225	RT32024	POWER SYSTEM ANALYSIS	27	48	3
16BQ5A0225	RT32025	MANAGEMENT SCIENCE	27	45	3
16BQ5A0225	RT32026	POWER SEMICONDUCTOR DRIVES	26	59	3
16BQ5A0225	RT32027	POWER ELECTRONICS LAB	24	48	2
16BQ5A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
16BQ5A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
16BQ5A0226	RT32022	SWITCHGEAR AND PROTECTION	20	58	3
16BQ5A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	25	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0226	RT32024	POWER SYSTEM ANALYSIS	19	19	0
16BQ5A0226	RT32025	MANAGEMENT SCIENCE	20	42	3
16BQ5A0226	RT32026	POWER SEMICONDUCTOR DRIVES	21	34	3
16BQ5A0226	RT32027	POWER ELECTRONICS LAB	20	42	2
16BQ5A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
16BQ5A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
16BQ5A0227	RT32022	SWITCHGEAR AND PROTECTION	25	42	3
16BQ5A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	33	3
16BQ5A0227	RT32024	POWER SYSTEM ANALYSIS	23	27	3
16BQ5A0227	RT32025	MANAGEMENT SCIENCE	17	37	3
16BQ5A0227	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
16BQ5A0227	RT32027	POWER ELECTRONICS LAB	21	42	2
16BQ5A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
16BQ5A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	44	3
16BQ5A0228	RT32022	SWITCHGEAR AND PROTECTION	27	44	3
16BQ5A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	42	3
16BQ5A0228	RT32024	POWER SYSTEM ANALYSIS	22	36	3
16BQ5A0228	RT32025	MANAGEMENT SCIENCE	19	42	3
16BQ5A0228	RT32026	POWER SEMICONDUCTOR DRIVES	22	31	3
16BQ5A0228	RT32027	POWER ELECTRONICS LAB	23	44	2
16BQ5A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	23	40	2
16BQ5A0301	RT32031	OPERATIONS RESEARCH	20	31	3
16BQ5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	33	3
16BQ5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
16BQ5A0301	RT32034	ROBOTICS	22	49	3
16BQ5A0301	RT32035	HEAT TRANSFER	16	28	3
16BQ5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
16BQ5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
16BQ5A0301	RT32038	HEAT TRANSFER LAB	23	43	2
16BQ5A0302	RT32031	OPERATIONS RESEARCH	21	30	3
16BQ5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
16BQ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	22	45	3
16BQ5A0302	RT32034	ROBOTICS	18	40	3
16BQ5A0302	RT32035	HEAT TRANSFER	24	55	3
16BQ5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	37	3
16BQ5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	25	61	3
16BQ5A0302	RT32038	HEAT TRANSFER LAB	21	46	2
16BQ5A0303	RT32031	OPERATIONS RESEARCH	29	42	3
16BQ5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	35	3
16BQ5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	25	52	3
16BQ5A0303	RT32034	ROBOTICS	28	47	3
16BQ5A0303	RT32035	HEAT TRANSFER	25	47	3
16BQ5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	57	3
16BQ5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	20	45	3
16BQ5A0303	RT32038	HEAT TRANSFER LAB	24	45	2
16BQ5A0304	RT32031	OPERATIONS RESEARCH	20	36	3
16BQ5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	38	3
16BQ5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	21	31	3
16BQ5A0304	RT32034	ROBOTICS	25	47	3
16BQ5A0304	RT32035	HEAT TRANSFER	20	48	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	70	3
16BQ5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	18	46	3
16BQ5A0304	RT32038	HEAT TRANSFER LAB	23	47	2
16BQ5A0305	RT32031	OPERATIONS RESEARCH	22	26	3
16BQ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	17	0
16BQ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	26	34	3
16BQ5A0305	RT32034	ROBOTICS	24	45	3
16BQ5A0305	RT32035	HEAT TRANSFER	23	28	3
16BQ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	31	3
16BQ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
16BQ5A0305	RT32038	HEAT TRANSFER LAB	21	40	2
16BQ5A0306	RT32031	OPERATIONS RESEARCH	27	30	3
16BQ5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
16BQ5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	24	54	3
16BQ5A0306	RT32034	ROBOTICS	26	42	3
16BQ5A0306	RT32035	HEAT TRANSFER	18	50	3
16BQ5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	39	3
16BQ5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	21	59	3
16BQ5A0306	RT32038	HEAT TRANSFER LAB	23	43	2
16BQ5A0307	RT32031	OPERATIONS RESEARCH	23	39	3
16BQ5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	39	3
16BQ5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	23	48	3
16BQ5A0307	RT32034	ROBOTICS	26	50	3
16BQ5A0307	RT32035	HEAT TRANSFER	24	34	3
16BQ5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	55	3
16BQ5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	20	54	3
16BQ5A0307	RT32038	HEAT TRANSFER LAB	22	46	2
16BQ5A0308	RT32031	OPERATIONS RESEARCH	23	29	3
16BQ5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	39	3
16BQ5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	22	31	3
16BQ5A0308	RT32034	ROBOTICS	23	39	3
16BQ5A0308	RT32035	HEAT TRANSFER	19	40	3
16BQ5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	70	3
16BQ5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	15	39	3
16BQ5A0308	RT32038	HEAT TRANSFER LAB	23	46	2
16BQ5A0309	RT32031	OPERATIONS RESEARCH	23	31	3
16BQ5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
16BQ5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3
16BQ5A0309	RT32034	ROBOTICS	20	54	3
16BQ5A0309	RT32035	HEAT TRANSFER	17	28	3
16BQ5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	34	3
16BQ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
16BQ5A0309	RT32038	HEAT TRANSFER LAB	24	42	2
16BQ5A0310	RT32031	OPERATIONS RESEARCH	21	16	0
16BQ5A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
16BQ5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	21	32	3
16BQ5A0310	RT32034	ROBOTICS	18	30	3
16BQ5A0310	RT32035	HEAT TRANSFER	17	48	3
16BQ5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	12	0
16BQ5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	18	34	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0310	RT32038	HEAT TRANSFER LAB	23	40	2
16BQ5A0311	RT32031	OPERATIONS RESEARCH	20	27	3
16BQ5A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
16BQ5A0311	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
16BQ5A0311	RT32034	ROBOTICS	20	39	3
16BQ5A0311	RT32035	HEAT TRANSFER	18	24	3
16BQ5A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	42	3
16BQ5A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	19	43	3
16BQ5A0311	RT32038	HEAT TRANSFER LAB	24	41	2
16BQ5A0312	RT32031	OPERATIONS RESEARCH	17	4	0
16BQ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	-1	0
16BQ5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	16	40	3
16BQ5A0312	RT32034	ROBOTICS	16	-1	0
16BQ5A0312	RT32035	HEAT TRANSFER	16	-1	0
16BQ5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	-1	0
16BQ5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
16BQ5A0312	RT32038	HEAT TRANSFER LAB	22	-1	0
16BQ5A0313	RT32031	OPERATIONS RESEARCH	24	28	3
16BQ5A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	43	3
16BQ5A0313	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
16BQ5A0313	RT32034	ROBOTICS	25	50	3
16BQ5A0313	RT32035	HEAT TRANSFER	20	33	3
16BQ5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
16BQ5A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	23	31	3
16BQ5A0313	RT32038	HEAT TRANSFER LAB	22	44	2
16BQ5A0314	RT32031	OPERATIONS RESEARCH	26	48	3
16BQ5A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	36	3
16BQ5A0314	RT32033	DESIGN OF MACHINE MEMBERS II	25	62	3
16BQ5A0314	RT32034	ROBOTICS	27	33	3
16BQ5A0314	RT32035	HEAT TRANSFER	23	70	3
16BQ5A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	34	3
16BQ5A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	25	62	3
16BQ5A0314	RT32038	HEAT TRANSFER LAB	23	47	2
16BQ5A0315	RT32031	OPERATIONS RESEARCH	27	33	3
16BQ5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
16BQ5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	23	38	3
16BQ5A0315	RT32034	ROBOTICS	23	28	3
16BQ5A0315	RT32035	HEAT TRANSFER	19	12	0
16BQ5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	46	3
16BQ5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	25	40	3
16BQ5A0315	RT32038	HEAT TRANSFER LAB	22	42	2
16BQ5A0316	RT32031	OPERATIONS RESEARCH	22	29	3
16BQ5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
16BQ5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	26	44	3
16BQ5A0316	RT32034	ROBOTICS	20	33	3
16BQ5A0316	RT32035	HEAT TRANSFER	24	29	3
16BQ5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	51	3
16BQ5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	23	38	3
16BQ5A0316	RT32038	HEAT TRANSFER LAB	24	42	2
16BQ5A0317	RT32031	OPERATIONS RESEARCH	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	26	3
16BQ5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	26	34	3
16BQ5A0317	RT32034	ROBOTICS	24	51	3
16BQ5A0317	RT32035	HEAT TRANSFER	18	29	3
16BQ5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
16BQ5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
16BQ5A0317	RT32038	HEAT TRANSFER LAB	22	41	2
16BQ5A0318	RT32031	OPERATIONS RESEARCH	25	30	3
16BQ5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	38	3
16BQ5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	25	33	3
16BQ5A0318	RT32034	ROBOTICS	23	36	3
16BQ5A0318	RT32035	HEAT TRANSFER	21	44	3
16BQ5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	42	3
16BQ5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	21	55	3
16BQ5A0318	RT32038	HEAT TRANSFER LAB	23	38	2
16BQ5A0319	RT32031	OPERATIONS RESEARCH	26	44	3
16BQ5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	33	3
16BQ5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	27	52	3
16BQ5A0319	RT32034	ROBOTICS	27	43	3
16BQ5A0319	RT32035	HEAT TRANSFER	23	28	3
16BQ5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	58	3
16BQ5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	26	63	3
16BQ5A0319	RT32038	HEAT TRANSFER LAB	23	49	2
16BQ5A0320	RT32031	OPERATIONS RESEARCH	18	7	0
16BQ5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	14	0
16BQ5A0320	RT32033	DESIGN OF MACHINE MEMBERS II	21	38	3
16BQ5A0320	RT32034	ROBOTICS	16	26	3
16BQ5A0320	RT32035	HEAT TRANSFER	17	16	0
16BQ5A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	33	3
16BQ5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	16	15	0
16BQ5A0320	RT32038	HEAT TRANSFER LAB	23	35	2
16BQ5A0321	RT32031	OPERATIONS RESEARCH	25	47	3
16BQ5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	29	3
16BQ5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	26	33	3
16BQ5A0321	RT32034	ROBOTICS	23	47	3
16BQ5A0321	RT32035	HEAT TRANSFER	21	37	3
16BQ5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	35	3
16BQ5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	23	33	3
16BQ5A0321	RT32038	HEAT TRANSFER LAB	23	46	2
16BQ5A0322	RT32031	OPERATIONS RESEARCH	26	33	3
16BQ5A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
16BQ5A0322	RT32033	DESIGN OF MACHINE MEMBERS II	20	37	3
16BQ5A0322	RT32034	ROBOTICS	21	30	3
16BQ5A0322	RT32035	HEAT TRANSFER	16	41	3
16BQ5A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	6	0
16BQ5A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	23	59	3
16BQ5A0322	RT32038	HEAT TRANSFER LAB	23	40	2
16BQ5A0323	RT32031	OPERATIONS RESEARCH	24	24	3
16BQ5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	20	0
16BQ5A0323	RT32033	DESIGN OF MACHINE MEMBERS II	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0323	RT32034	ROBOTICS	25	27	3
16BQ5A0323	RT32035	HEAT TRANSFER	21	14	0
16BQ5A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	54	3
16BQ5A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	19	44	3
16BQ5A0323	RT32038	HEAT TRANSFER LAB	22	41	2
16BQ5A0324	RT32031	OPERATIONS RESEARCH	27	54	3
16BQ5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	45	3
16BQ5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	27	40	3
16BQ5A0324	RT32034	ROBOTICS	25	37	3
16BQ5A0324	RT32035	HEAT TRANSFER	25	44	3
16BQ5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	70	3
16BQ5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	24	65	3
16BQ5A0324	RT32038	HEAT TRANSFER LAB	24	49	2
16BQ5A0325	RT32031	OPERATIONS RESEARCH	22	49	3
16BQ5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	43	3
16BQ5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	27	52	3
16BQ5A0325	RT32034	ROBOTICS	26	57	3
16BQ5A0325	RT32035	HEAT TRANSFER	25	37	3
16BQ5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	31	3
16BQ5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	24	39	3
16BQ5A0325	RT32038	HEAT TRANSFER LAB	23	45	2
16BQ5A0326	RT32031	OPERATIONS RESEARCH	22	41	3
16BQ5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	44	3
16BQ5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	25	57	3
16BQ5A0326	RT32034	ROBOTICS	25	38	3
16BQ5A0326	RT32035	HEAT TRANSFER	22	45	3
16BQ5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	37	3
16BQ5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	24	53	3
16BQ5A0326	RT32038	HEAT TRANSFER LAB	22	44	2
16BQ5A0327	RT32031	OPERATIONS RESEARCH	20	29	3
16BQ5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
16BQ5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	27	35	3
16BQ5A0327	RT32034	ROBOTICS	18	31	3
16BQ5A0327	RT32035	HEAT TRANSFER	17	16	0
16BQ5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	53	3
16BQ5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	19	35	3
16BQ5A0327	RT32038	HEAT TRANSFER LAB	23	41	2
16BQ5A0328	RT32031	OPERATIONS RESEARCH	27	50	3
16BQ5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	41	3
16BQ5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	27	43	3
16BQ5A0328	RT32034	ROBOTICS	26	41	3
16BQ5A0328	RT32035	HEAT TRANSFER	26	39	3
16BQ5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	70	3
16BQ5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	26	47	3
16BQ5A0328	RT32038	HEAT TRANSFER LAB	24	48	2
16BQ5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	42	3
16BQ5A0401	RT32042	DIGITAL SIGNAL PROCESSING	23	43	3
16BQ5A0401	RT32043	DIGITAL COMMUNICATIONS	25	53	3
16BQ5A0401	RT32044	MICROWAVE ENGINEERING	20	64	3
16BQ5A0401	RT32045A	BIO MEDICAL ENGINEERING	26	54	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
16BQ5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
16BQ5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	34	2
16BQ5A0401	RT32049	SEMINAR	46	0	1
16BQ5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	34	3
16BQ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
16BQ5A0402	RT32043	DIGITAL COMMUNICATIONS	27	29	3
16BQ5A0402	RT32044	MICROWAVE ENGINEERING	20	36	3
16BQ5A0402	RT32045A	BIO MEDICAL ENGINEERING	23	51	3
16BQ5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
16BQ5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
16BQ5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
16BQ5A0402	RT32049	SEMINAR	45	0	1
16BQ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	58	3
16BQ5A0403	RT32042	DIGITAL SIGNAL PROCESSING	26	56	3
16BQ5A0403	RT32043	DIGITAL COMMUNICATIONS	26	48	3
16BQ5A0403	RT32044	MICROWAVE ENGINEERING	27	34	3
16BQ5A0403	RT32045A	BIO MEDICAL ENGINEERING	25	50	3
16BQ5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
16BQ5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16BQ5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	50	2
16BQ5A0403	RT32049	SEMINAR	49	0	1
16BQ5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3
16BQ5A0404	RT32042	DIGITAL SIGNAL PROCESSING	23	17	0
16BQ5A0404	RT32043	DIGITAL COMMUNICATIONS	21	26	3
16BQ5A0404	RT32044	MICROWAVE ENGINEERING	22	12	0
16BQ5A0404	RT32045A	BIO MEDICAL ENGINEERING	22	26	3
16BQ5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	39	2
16BQ5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	22	39	2
16BQ5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
16BQ5A0404	RT32049	SEMINAR	41	0	1
16BQ5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	32	3
16BQ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	22	35	3
16BQ5A0405	RT32043	DIGITAL COMMUNICATIONS	24	43	3
16BQ5A0405	RT32044	MICROWAVE ENGINEERING	23	47	3
16BQ5A0405	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
16BQ5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
16BQ5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16BQ5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16BQ5A0405	RT32049	SEMINAR	41	0	1
16BQ5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	36	3
16BQ5A0406	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
16BQ5A0406	RT32043	DIGITAL COMMUNICATIONS	17	31	3
16BQ5A0406	RT32044	MICROWAVE ENGINEERING	18	30	3
16BQ5A0406	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
16BQ5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	39	2
16BQ5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
16BQ5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
16BQ5A0406	RT32049	SEMINAR	35	0	1
16BQ5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	31	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0407	RT32042	DIGITAL SIGNAL PROCESSING	24	44	3
16BQ5A0407	RT32043	DIGITAL COMMUNICATIONS	27	39	3
16BQ5A0407	RT32044	MICROWAVE ENGINEERING	26	32	3
16BQ5A0407	RT32045A	BIO MEDICAL ENGINEERING	25	38	3
16BQ5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16BQ5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
16BQ5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
16BQ5A0407	RT32049	SEMINAR	48	0	1
16BQ5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	38	3
16BQ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	27	44	3
16BQ5A0408	RT32043	DIGITAL COMMUNICATIONS	25	28	3
16BQ5A0408	RT32044	MICROWAVE ENGINEERING	27	32	3
16BQ5A0408	RT32045A	BIO MEDICAL ENGINEERING	25	24	3
16BQ5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16BQ5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
16BQ5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
16BQ5A0408	RT32049	SEMINAR	47	0	1
16BQ5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	40	3
16BQ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	24	45	3
16BQ5A0409	RT32043	DIGITAL COMMUNICATIONS	27	59	3
16BQ5A0409	RT32044	MICROWAVE ENGINEERING	21	55	3
16BQ5A0409	RT32045A	BIO MEDICAL ENGINEERING	24	53	3
16BQ5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BQ5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
16BQ5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
16BQ5A0409	RT32049	SEMINAR	49	0	1
16BQ5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	48	3
16BQ5A0410	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
16BQ5A0410	RT32043	DIGITAL COMMUNICATIONS	26	44	3
16BQ5A0410	RT32044	MICROWAVE ENGINEERING	27	34	3
16BQ5A0410	RT32045A	BIO MEDICAL ENGINEERING	28	58	3
16BQ5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
16BQ5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
16BQ5A0410	RT32049	SEMINAR	47	0	1
16BQ5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	29	3
16BQ5A0411	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
16BQ5A0411	RT32043	DIGITAL COMMUNICATIONS	25	43	3
16BQ5A0411	RT32044	MICROWAVE ENGINEERING	25	24	3
16BQ5A0411	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
16BQ5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16BQ5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
16BQ5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
16BQ5A0411	RT32049	SEMINAR	41	0	1
16BQ5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	27	3
16BQ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	17	35	3
16BQ5A0412	RT32043	DIGITAL COMMUNICATIONS	18	9	0
16BQ5A0412	RT32044	MICROWAVE ENGINEERING	18	9	0
16BQ5A0412	RT32045A	BIO MEDICAL ENGINEERING	16	26	3
16BQ5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	39	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	18	35	2
16BQ5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	27	2
16BQ5A0412	RT32049	SEMINAR	38	0	1
16BQ5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
16BQ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
16BQ5A0413	RT32043	DIGITAL COMMUNICATIONS	26	38	3
16BQ5A0413	RT32044	MICROWAVE ENGINEERING	20	60	3
16BQ5A0413	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
16BQ5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
16BQ5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
16BQ5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
16BQ5A0413	RT32049	SEMINAR	48	0	1
16BQ5A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	42	3
16BQ5A0414	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
16BQ5A0414	RT32043	DIGITAL COMMUNICATIONS	24	40	3
16BQ5A0414	RT32044	MICROWAVE ENGINEERING	23	38	3
16BQ5A0414	RT32045A	BIO MEDICAL ENGINEERING	26	60	3
16BQ5A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BQ5A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
16BQ5A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
16BQ5A0414	RT32049	SEMINAR	46	0	1
16BQ5A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	47	3
16BQ5A0415	RT32042	DIGITAL SIGNAL PROCESSING	27	44	3
16BQ5A0415	RT32043	DIGITAL COMMUNICATIONS	25	51	3
16BQ5A0415	RT32044	MICROWAVE ENGINEERING	26	33	3
16BQ5A0415	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
16BQ5A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0415	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
16BQ5A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2
16BQ5A0415	RT32049	SEMINAR	46	0	1
16BQ5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	45	3
16BQ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	27	44	3
16BQ5A0416	RT32043	DIGITAL COMMUNICATIONS	24	39	3
16BQ5A0416	RT32044	MICROWAVE ENGINEERING	25	37	3
16BQ5A0416	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
16BQ5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
16BQ5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16BQ5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
16BQ5A0416	RT32049	SEMINAR	44	0	1
16BQ5A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	46	3
16BQ5A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	40	3
16BQ5A0417	RT32043	DIGITAL COMMUNICATIONS	28	55	3
16BQ5A0417	RT32044	MICROWAVE ENGINEERING	27	69	3
16BQ5A0417	RT32045A	BIO MEDICAL ENGINEERING	21	53	3
16BQ5A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16BQ5A0417	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
16BQ5A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
16BQ5A0417	RT32049	SEMINAR	44	0	1
16BQ5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	46	3
16BQ5A0418	RT32042	DIGITAL SIGNAL PROCESSING	27	46	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0418	RT32043	DIGITAL COMMUNICATIONS	25	56	3
16BQ5A0418	RT32044	MICROWAVE ENGINEERING	25	38	3
16BQ5A0418	RT32045A	BIO MEDICAL ENGINEERING	24	60	3
16BQ5A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16BQ5A0418	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
16BQ5A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
16BQ5A0418	RT32049	SEMINAR	46	0	1
16BQ5A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
16BQ5A0419	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
16BQ5A0419	RT32043	DIGITAL COMMUNICATIONS	21	34	3
16BQ5A0419	RT32044	MICROWAVE ENGINEERING	24	24	3
16BQ5A0419	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
16BQ5A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16BQ5A0419	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16BQ5A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
16BQ5A0419	RT32049	SEMINAR	44	0	1
16BQ5A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	37	3
16BQ5A0420	RT32042	DIGITAL SIGNAL PROCESSING	21	40	3
16BQ5A0420	RT32043	DIGITAL COMMUNICATIONS	17	5	0
16BQ5A0420	RT32044	MICROWAVE ENGINEERING	22	24	3
16BQ5A0420	RT32045A	BIO MEDICAL ENGINEERING	25	26	3
16BQ5A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16BQ5A0420	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
16BQ5A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	37	2
16BQ5A0420	RT32049	SEMINAR	42	0	1
16BQ5A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	40	3
16BQ5A0421	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
16BQ5A0421	RT32043	DIGITAL COMMUNICATIONS	24	51	3
16BQ5A0421	RT32044	MICROWAVE ENGINEERING	23	45	3
16BQ5A0421	RT32045A	BIO MEDICAL ENGINEERING	22	47	3
16BQ5A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
16BQ5A0421	RT32047	DIGITAL COMMUNICATIONS LAB	25	43	2
16BQ5A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
16BQ5A0421	RT32049	SEMINAR	44	0	1
16BQ5A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	49	3
16BQ5A0422	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
16BQ5A0422	RT32043	DIGITAL COMMUNICATIONS	26	49	3
16BQ5A0422	RT32044	MICROWAVE ENGINEERING	25	37	3
16BQ5A0422	RT32045A	BIO MEDICAL ENGINEERING	22	57	3
16BQ5A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0422	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
16BQ5A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
16BQ5A0422	RT32049	SEMINAR	46	0	1
16BQ5A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	41	3
16BQ5A0423	RT32042	DIGITAL SIGNAL PROCESSING	26	25	3
16BQ5A0423	RT32043	DIGITAL COMMUNICATIONS	16	34	3
16BQ5A0423	RT32044	MICROWAVE ENGINEERING	25	24	3
16BQ5A0423	RT32045A	BIO MEDICAL ENGINEERING	25	48	3
16BQ5A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
16BQ5A0423	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	35	2
16BQ5A0423	RT32049	SEMINAR	41	0	1
16BQ5A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
16BQ5A0424	RT32042	DIGITAL SIGNAL PROCESSING	26	39	3
16BQ5A0424	RT32043	DIGITAL COMMUNICATIONS	19	15	0
16BQ5A0424	RT32044	MICROWAVE ENGINEERING	21	27	3
16BQ5A0424	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
16BQ5A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
16BQ5A0424	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
16BQ5A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
16BQ5A0424	RT32049	SEMINAR	42	0	1
16BQ5A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
16BQ5A0425	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
16BQ5A0425	RT32043	DIGITAL COMMUNICATIONS	22	48	3
16BQ5A0425	RT32044	MICROWAVE ENGINEERING	24	51	3
16BQ5A0425	RT32045A	BIO MEDICAL ENGINEERING	20	41	3
16BQ5A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
16BQ5A0425	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16BQ5A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
16BQ5A0425	RT32049	SEMINAR	44	0	1
16BQ5A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	37	3
16BQ5A0426	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
16BQ5A0426	RT32043	DIGITAL COMMUNICATIONS	16	31	3
16BQ5A0426	RT32044	MICROWAVE ENGINEERING	24	24	3
16BQ5A0426	RT32045A	BIO MEDICAL ENGINEERING	24	45	3
16BQ5A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
16BQ5A0426	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
16BQ5A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	25	2
16BQ5A0426	RT32049	SEMINAR	46	0	1
16BQ5A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	34	3
16BQ5A0427	RT32042	DIGITAL SIGNAL PROCESSING	19	29	3
16BQ5A0427	RT32043	DIGITAL COMMUNICATIONS	23	30	3
16BQ5A0427	RT32044	MICROWAVE ENGINEERING	21	13	0
16BQ5A0427	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
16BQ5A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
16BQ5A0427	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16BQ5A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
16BQ5A0427	RT32049	SEMINAR	44	0	1
16BQ5A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	33	3
16BQ5A0428	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
16BQ5A0428	RT32043	DIGITAL COMMUNICATIONS	17	17	0
16BQ5A0428	RT32044	MICROWAVE ENGINEERING	25	24	3
16BQ5A0428	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
16BQ5A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
16BQ5A0428	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
16BQ5A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	39	2
16BQ5A0428	RT32049	SEMINAR	48	0	1
16BQ5A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	44	3
16BQ5A0429	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
16BQ5A0429	RT32043	DIGITAL COMMUNICATIONS	27	57	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0429	RT32044	MICROWAVE ENGINEERING	25	39	3
16BQ5A0429	RT32045A	BIO MEDICAL ENGINEERING	26	40	3
16BQ5A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16BQ5A0429	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
16BQ5A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
16BQ5A0429	RT32049	SEMINAR	44	0	1
16BQ5A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	45	3
16BQ5A0430	RT32042	DIGITAL SIGNAL PROCESSING	23	50	3
16BQ5A0430	RT32043	DIGITAL COMMUNICATIONS	23	51	3
16BQ5A0430	RT32044	MICROWAVE ENGINEERING	21	48	3
16BQ5A0430	RT32045A	BIO MEDICAL ENGINEERING	22	54	3
16BQ5A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0430	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
16BQ5A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
16BQ5A0430	RT32049	SEMINAR	48	0	1
16BQ5A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	34	3
16BQ5A0431	RT32042	DIGITAL SIGNAL PROCESSING	20	26	3
16BQ5A0431	RT32043	DIGITAL COMMUNICATIONS	24	35	3
16BQ5A0431	RT32044	MICROWAVE ENGINEERING	25	29	3
16BQ5A0431	RT32045A	BIO MEDICAL ENGINEERING	22	44	3
16BQ5A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16BQ5A0431	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16BQ5A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
16BQ5A0431	RT32049	SEMINAR	48	0	1
16BQ5A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	33	3
16BQ5A0432	RT32042	DIGITAL SIGNAL PROCESSING	21	44	3
16BQ5A0432	RT32043	DIGITAL COMMUNICATIONS	18	31	3
16BQ5A0432	RT32044	MICROWAVE ENGINEERING	26	27	3
16BQ5A0432	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
16BQ5A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0432	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
16BQ5A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
16BQ5A0432	RT32049	SEMINAR	42	0	1
16BQ5A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	27	3
16BQ5A0433	RT32042	DIGITAL SIGNAL PROCESSING	21	14	0
16BQ5A0433	RT32043	DIGITAL COMMUNICATIONS	20	33	3
16BQ5A0433	RT32044	MICROWAVE ENGINEERING	23	42	3
16BQ5A0433	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
16BQ5A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
16BQ5A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
16BQ5A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	32	2
16BQ5A0433	RT32049	SEMINAR	43	0	1
16BQ5A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
16BQ5A0434	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
16BQ5A0434	RT32043	DIGITAL COMMUNICATIONS	17	31	3
16BQ5A0434	RT32044	MICROWAVE ENGINEERING	23	32	3
16BQ5A0434	RT32045A	BIO MEDICAL ENGINEERING	20	44	3
16BQ5A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0434	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
16BQ5A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	28	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0434	RT32049	SEMINAR	43	0	1
16BQ5A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	46	3
16BQ5A0435	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
16BQ5A0435	RT32043	DIGITAL COMMUNICATIONS	22	28	3
16BQ5A0435	RT32044	MICROWAVE ENGINEERING	28	37	3
16BQ5A0435	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
16BQ5A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
16BQ5A0435	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
16BQ5A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
16BQ5A0435	RT32049	SEMINAR	46	0	1
16BQ5A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	42	3
16BQ5A0436	RT32042	DIGITAL SIGNAL PROCESSING	21	39	3
16BQ5A0436	RT32043	DIGITAL COMMUNICATIONS	25	34	3
16BQ5A0436	RT32044	MICROWAVE ENGINEERING	27	35	3
16BQ5A0436	RT32045A	BIO MEDICAL ENGINEERING	24	39	3
16BQ5A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
16BQ5A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16BQ5A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
16BQ5A0436	RT32049	SEMINAR	40	0	1
16BQ5A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	35	3
16BQ5A0437	RT32042	DIGITAL SIGNAL PROCESSING	19	25	3
16BQ5A0437	RT32043	DIGITAL COMMUNICATIONS	18	42	3
16BQ5A0437	RT32044	MICROWAVE ENGINEERING	23	32	3
16BQ5A0437	RT32045A	BIO MEDICAL ENGINEERING	20	46	3
16BQ5A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
16BQ5A0437	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
16BQ5A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	29	2
16BQ5A0437	RT32049	SEMINAR	39	0	1
16BQ5A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	43	3
16BQ5A0438	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
16BQ5A0438	RT32043	DIGITAL COMMUNICATIONS	25	43	3
16BQ5A0438	RT32044	MICROWAVE ENGINEERING	23	35	3
16BQ5A0438	RT32045A	BIO MEDICAL ENGINEERING	23	59	3
16BQ5A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16BQ5A0438	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
16BQ5A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
16BQ5A0438	RT32049	SEMINAR	42	0	1
16BQ5A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	29	3
16BQ5A0439	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
16BQ5A0439	RT32043	DIGITAL COMMUNICATIONS	20	29	3
16BQ5A0439	RT32044	MICROWAVE ENGINEERING	24	15	0
16BQ5A0439	RT32045A	BIO MEDICAL ENGINEERING	19	29	3
16BQ5A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16BQ5A0439	RT32047	DIGITAL COMMUNICATIONS LAB	22	33	2
16BQ5A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	35	2
16BQ5A0439	RT32049	SEMINAR	42	0	1
16BQ5A0501	RT32051	SOFTWARE ENGINEERING	24	28	3
16BQ5A0501	RT32052	DATA WARE HOUSING AND MINING	23	30	3
16BQ5A0501	RT32053	COMPUTER NETWORKS	25	30	3
16BQ5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0501	RT32055	WEB TECHNOLOGIES	27	46	3
16BQ5A0501	RT32056	IPR AND PATENTS	20	54	2
16BQ5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	45	2
16BQ5A0501	RT32058	SOFTWARE ENGINEERING LAB	20	32	2
16BQ5A0501	RT32059	WEB TECHNOLOGIES LAB	23	47	2
16BQ5A0502	RT32051	SOFTWARE ENGINEERING	18	39	3
16BQ5A0502	RT32052	DATA WARE HOUSING AND MINING	17	25	3
16BQ5A0502	RT32053	COMPUTER NETWORKS	22	29	3
16BQ5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	13	0
16BQ5A0502	RT32055	WEB TECHNOLOGIES	23	13	0
16BQ5A0502	RT32056	IPR AND PATENTS	17	27	2
16BQ5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
16BQ5A0502	RT32058	SOFTWARE ENGINEERING LAB	17	43	2
16BQ5A0502	RT32059	WEB TECHNOLOGIES LAB	22	46	2
16BQ5A0503	RT32051	SOFTWARE ENGINEERING	20	26	3
16BQ5A0503	RT32052	DATA WARE HOUSING AND MINING	23	24	3
16BQ5A0503	RT32053	COMPUTER NETWORKS	21	5	0
16BQ5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	25	3
16BQ5A0503	RT32055	WEB TECHNOLOGIES	19	27	3
16BQ5A0503	RT32056	IPR AND PATENTS	21	33	2
16BQ5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
16BQ5A0503	RT32058	SOFTWARE ENGINEERING LAB	15	34	2
16BQ5A0503	RT32059	WEB TECHNOLOGIES LAB	20	45	2
16BQ5A0504	RT32051	SOFTWARE ENGINEERING	18	30	3
16BQ5A0504	RT32052	DATA WARE HOUSING AND MINING	22	28	3
16BQ5A0504	RT32053	COMPUTER NETWORKS	22	28	3
16BQ5A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	31	3
16BQ5A0504	RT32055	WEB TECHNOLOGIES	26	36	3
16BQ5A0504	RT32056	IPR AND PATENTS	18	31	2
16BQ5A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	35	2
16BQ5A0504	RT32058	SOFTWARE ENGINEERING LAB	19	37	2
16BQ5A0504	RT32059	WEB TECHNOLOGIES LAB	20	46	2
16BQ5A0505	RT32051	SOFTWARE ENGINEERING	20	32	3
16BQ5A0505	RT32052	DATA WARE HOUSING AND MINING	20	31	3
16BQ5A0505	RT32053	COMPUTER NETWORKS	16	38	3
16BQ5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	29	3
16BQ5A0505	RT32055	WEB TECHNOLOGIES	26	37	3
16BQ5A0505	RT32056	IPR AND PATENTS	18	60	2
16BQ5A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
16BQ5A0505	RT32058	SOFTWARE ENGINEERING LAB	19	38	2
16BQ5A0505	RT32059	WEB TECHNOLOGIES LAB	21	47	2
16BQ5A0506	RT32051	SOFTWARE ENGINEERING	24	53	3
16BQ5A0506	RT32052	DATA WARE HOUSING AND MINING	25	30	3
16BQ5A0506	RT32053	COMPUTER NETWORKS	26	56	3
16BQ5A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	35	3
16BQ5A0506	RT32055	WEB TECHNOLOGIES	29	32	3
16BQ5A0506	RT32056	IPR AND PATENTS	19	39	2
16BQ5A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
16BQ5A0506	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
16BQ5A0506	RT32059	WEB TECHNOLOGIES LAB	22	49	2

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0507	RT32051	SOFTWARE ENGINEERING	23	30	3
16BQ5A0507	RT32052	DATA WARE HOUSING AND MINING	21	15	0
16BQ5A0507	RT32053	COMPUTER NETWORKS	23	27	3
16BQ5A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
16BQ5A0507	RT32055	WEB TECHNOLOGIES	23	39	3
16BQ5A0507	RT32056	IPR AND PATENTS	21	37	2
16BQ5A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
16BQ5A0507	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
16BQ5A0507	RT32059	WEB TECHNOLOGIES LAB	23	43	2
16BQ5A0508	RT32051	SOFTWARE ENGINEERING	25	52	3
16BQ5A0508	RT32052	DATA WARE HOUSING AND MINING	25	45	3
16BQ5A0508	RT32053	COMPUTER NETWORKS	25	45	3
16BQ5A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	49	3
16BQ5A0508	RT32055	WEB TECHNOLOGIES	23	48	3
16BQ5A0508	RT32056	IPR AND PATENTS	21	45	2
16BQ5A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
16BQ5A0508	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
16BQ5A0508	RT32059	WEB TECHNOLOGIES LAB	22	40	2
16BQ5A0509	RT32051	SOFTWARE ENGINEERING	21	36	3
16BQ5A0509	RT32052	DATA WARE HOUSING AND MINING	19	30	3
16BQ5A0509	RT32053	COMPUTER NETWORKS	22	33	3
16BQ5A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
16BQ5A0509	RT32055	WEB TECHNOLOGIES	21	28	3
16BQ5A0509	RT32056	IPR AND PATENTS	19	42	2
16BQ5A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
16BQ5A0509	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
16BQ5A0509	RT32059	WEB TECHNOLOGIES LAB	20	38	2
16BQ5A0510	RT32051	SOFTWARE ENGINEERING	24	41	3
16BQ5A0510	RT32052	DATA WARE HOUSING AND MINING	24	35	3
16BQ5A0510	RT32053	COMPUTER NETWORKS	26	37	3
16BQ5A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3
16BQ5A0510	RT32055	WEB TECHNOLOGIES	24	28	3
16BQ5A0510	RT32056	IPR AND PATENTS	21	32	2
16BQ5A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
16BQ5A0510	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
16BQ5A0510	RT32059	WEB TECHNOLOGIES LAB	22	44	2
16BQ5A0511	RT32051	SOFTWARE ENGINEERING	23	28	3
16BQ5A0511	RT32052	DATA WARE HOUSING AND MINING	26	53	3
16BQ5A0511	RT32053	COMPUTER NETWORKS	26	28	3
16BQ5A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
16BQ5A0511	RT32055	WEB TECHNOLOGIES	27	62	3
16BQ5A0511	RT32056	IPR AND PATENTS	21	60	2
16BQ5A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
16BQ5A0511	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
16BQ5A0511	RT32059	WEB TECHNOLOGIES LAB	22	46	2
16BQ5A0512	RT32051	SOFTWARE ENGINEERING	20	46	3
16BQ5A0512	RT32052	DATA WARE HOUSING AND MINING	27	34	3
16BQ5A0512	RT32053	COMPUTER NETWORKS	21	41	3
16BQ5A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	34	3
16BQ5A0512	RT32055	WEB TECHNOLOGIES	19	33	3

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0512	RT32056	IPR AND PATENTS	19	47	2
16BQ5A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
16BQ5A0512	RT32058	SOFTWARE ENGINEERING LAB	19	48	2
16BQ5A0512	RT32059	WEB TECHNOLOGIES LAB	23	46	2
16BQ5A0513	RT32051	SOFTWARE ENGINEERING	22	35	3
16BQ5A0513	RT32052	DATA WARE HOUSING AND MINING	24	40	3
16BQ5A0513	RT32053	COMPUTER NETWORKS	19	39	3
16BQ5A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	47	3
16BQ5A0513	RT32055	WEB TECHNOLOGIES	21	32	3
16BQ5A0513	RT32056	IPR AND PATENTS	21	58	2
16BQ5A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
16BQ5A0513	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
16BQ5A0513	RT32059	WEB TECHNOLOGIES LAB	20	45	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.

Date:01-06-2018

N. Mohan Rao
Controller of Examinations