



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VIGNANS LARA INST. OF TECH.& SCI, VADLAMUDI, GUNTUR:FE

Htno	Subcode	Subname	Internal	External	Credits
11FE1A0448	R32045	VLSI DESIGN	18	-1	0
11FE5A0308	R32033	HEAT TRANSFER	18	-1	0
11FE5A0308	R32035	DESIGN OF MACHINE MEMBERS_II	5	-1	0
12FE1A0346	R32032	ROBOTICS	21	34	4
12FE1A0509	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	8	0
12FE1A0518	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	16	19	0
13FE1A0333	RT32034	ROBOTICS	17	36	3
13FE1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
13FE1A0416	RT32043	DIGITAL COMMUNICATIONS	18	4	0
13FE1A0416	RT32044	MICROWAVE ENGINEERING	20	-1	0
13FE1A0416	RT32045A	BIO MEDICAL ENGINEERING	14	-1	0
13FE1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	16	0
13FE1A0419	RT32042	DIGITAL SIGNAL PROCESSING	21	17	0
13FE1A0419	RT32045A	BIO MEDICAL ENGINEERING	16	13	0
13FE1A0424	RT32045A	BIO MEDICAL ENGINEERING	7	13	0
13FE1A0428	RT32045A	BIO MEDICAL ENGINEERING	14	33	3
13FE1A0429	RT32042	DIGITAL SIGNAL PROCESSING	17	25	3
13FE1A0429	RT32043	DIGITAL COMMUNICATIONS	18	28	3
13FE1A0429	RT32044	MICROWAVE ENGINEERING	20	0	0
13FE1A0429	RT32045A	BIO MEDICAL ENGINEERING	14	13	0
13FE1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	19	0
13FE1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	11	0
13FE1A0445	RT32045A	BIO MEDICAL ENGINEERING	16	28	3
13FE1A0452	RT32043	DIGITAL COMMUNICATIONS	17	43	3
13FE1A0452	RT32045A	BIO MEDICAL ENGINEERING	11	3	0
13FE1A0458	RT32044	MICROWAVE ENGINEERING	22	17	0
13FE1A1232	RT32055	WEB TECHNOLOGIES	18	-1	0
13FE1A1240	RT32055	WEB TECHNOLOGIES	18	28	3
13FE5A0403	R32045	VLSI DESIGN	18	-1	0
14FE1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	30	3
14FE1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	11	0
14FE1A0110	RT32014	WATER RESOURCES ENGINEERING I	16	-1	0
14FE1A0110	RT32015	TRANSPORTATION ENGINEERING II	22	-1	0
14FE1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	49	3
14FE1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	0	0
14FE1A0146	RT32011	ENVIRONMENTAL ENGINEERING I	22	20	0
14FE1A0146	RT32012	GEOTECHNICAL ENGINEERING II	17	9	0
14FE1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	7	0
14FE1A0146	RT32014	WATER RESOURCES ENGINEERING I	18	14	0
14FE1A0146	RT32015	TRANSPORTATION ENGINEERING II	4	0	0
14FE1A0146	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	20	0
14FE1A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	58	2
14FE1A0146	RT32018	TRANSPORTATION ENGINEERING LAB	20	39	2
14FE1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	8	0

Htno	Subcode	Subname	Internal	External	Credits
14FE1A0211	RT32022	SWITCHGEAR AND PROTECTION	11	3	0
14FE1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	7	0
14FE1A0211	RT32024	POWER SYSTEM ANALYSIS	10	8	0
14FE1A0211	RT32025	MANAGEMENT SCIENCE	9	40	3
14FE1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	16	15	0
14FE1A0211	RT32027	POWER ELECTRONICS LAB	14	42	2
14FE1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
14FE1A0214	RT32024	POWER SYSTEM ANALYSIS	17	11	0
14FE1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	33	3
14FE1A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	7	0
14FE1A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	10	0
14FE1A0222	RT32024	POWER SYSTEM ANALYSIS	17	0	0
14FE1A0222	RT32026	POWER SEMICONDUCTOR DRIVES	12	0	0
14FE1A0222	RT32027	POWER ELECTRONICS LAB	17	35	2
14FE1A0253	RT32024	POWER SYSTEM ANALYSIS	18	27	3
14FE1A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
14FE1A0254	RT32022	SWITCHGEAR AND PROTECTION	14	-1	0
14FE1A0254	RT32023	UTILIZATION OF ELECTRICAL ENERGY	9	0	0
14FE1A0254	RT32024	POWER SYSTEM ANALYSIS	18	24	3
14FE1A0254	RT32025	MANAGEMENT SCIENCE	16	10	0
14FE1A0254	RT32026	POWER SEMICONDUCTOR DRIVES	16	28	3
14FE1A0254	RT32027	POWER ELECTRONICS LAB	13	41	2
14FE1A0254	RT32028	ELECTRICAL MEASUREMENTS LAB	15	39	2
14FE1A0262	RT32024	POWER SYSTEM ANALYSIS	18	29	3
14FE1A0284	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	27	3
14FE1A0284	RT32024	POWER SYSTEM ANALYSIS	20	7	0
14FE1A0286	RT32024	POWER SYSTEM ANALYSIS	18	28	3
14FE1A0307	RT32034	ROBOTICS	14	16	0
14FE1A0308	RT32031	OPERATIONS RESEARCH	18	18	0
14FE1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	27	3
14FE1A0308	RT32035	HEAT TRANSFER	22	0	0
14FE1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
14FE1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	0	0
14FE1A0315	RT32034	ROBOTICS	17	0	0
14FE1A0315	RT32035	HEAT TRANSFER	19	-1	0
14FE1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	9	-1	0
14FE1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	2	0
14FE1A0319	RT32034	ROBOTICS	16	7	0
14FE1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	0	0
14FE1A0323	RT32035	HEAT TRANSFER	16	14	0
14FE1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	15	36	3
14FE1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	23	21	0
14FE1A0339	RT32031	OPERATIONS RESEARCH	17	50	3
14FE1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	18	24	3
14FE1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
14FE1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	10	36	3
14FE1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	13	39	3
14FE1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	10	0
14FE1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	15	26	3
14FE1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	31	3

Htno	Subcode	Subname	Internal	External	Credits
14FE1A0357	RT32035	HEAT TRANSFER	17	14	0
14FE1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
14FE1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
14FE1A0366	RT32035	HEAT TRANSFER	20	21	0
14FE1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	27	3
14FE1A0368	RT32031	OPERATIONS RESEARCH	22	35	3
14FE1A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	14	0
14FE1A0368	RT32033	DESIGN OF MACHINE MEMBERS II	16	38	3
14FE1A0368	RT32034	ROBOTICS	13	29	3
14FE1A0368	RT32035	HEAT TRANSFER	17	35	3
14FE1A0368	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	11	33	3
14FE1A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	18	33	3
14FE1A0368	RT32038	HEAT TRANSFER LAB	21	29	2
14FE1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	18	20	0
14FE1A0385	RT32031	OPERATIONS RESEARCH	18	15	0
14FE1A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	34	3
14FE1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	13	16	0
14FE1A0385	RT32034	ROBOTICS	19	26	3
14FE1A0385	RT32035	HEAT TRANSFER	19	0	0
14FE1A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	11	35	3
14FE1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	5	8	0
14FE1A0385	RT32038	HEAT TRANSFER LAB	15	38	2
14FE1A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	21	0
14FE1A03A5	RT32034	ROBOTICS	20	-1	0
14FE1A03C4	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	28	3
14FE1A03C4	RT32034	ROBOTICS	23	32	3
14FE1A03C4	RT32035	HEAT TRANSFER	25	10	0
14FE1A03C4	RT32037A	REFRIGERATION & AIR CONDITIONING	20	5	0
14FE1A03D2	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
14FE1A03D4	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	12	0
14FE1A03D4	RT32034	ROBOTICS	25	10	0
14FE1A03D6	RT32037A	REFRIGERATION & AIR CONDITIONING	18	13	0
14FE1A03E0	RT32037A	REFRIGERATION & AIR CONDITIONING	15	11	0
14FE1A0411	RT32044	MICROWAVE ENGINEERING	26	36	3
14FE1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	38	3
14FE1A0430	RT32044	MICROWAVE ENGINEERING	17	0	0
14FE1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	5	0
14FE1A0440	RT32043	DIGITAL COMMUNICATIONS	20	30	3
14FE1A0464	RT32043	DIGITAL COMMUNICATIONS	19	0	0
14FE1A0464	RT32045A	BIO MEDICAL ENGINEERING	17	33	3
14FE1A0472	RT32044	MICROWAVE ENGINEERING	12	22	0
14FE1A0472	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
14FE1A0480	RT32044	MICROWAVE ENGINEERING	16	25	3
14FE1A0480	RT32045A	BIO MEDICAL ENGINEERING	9	34	3
14FE1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	3	0
14FE1A0483	RT32042	DIGITAL SIGNAL PROCESSING	11	0	0
14FE1A0483	RT32043	DIGITAL COMMUNICATIONS	16	0	0
14FE1A0483	RT32044	MICROWAVE ENGINEERING	12	0	0
14FE1A0483	RT32045A	BIO MEDICAL ENGINEERING	10	0	0
14FE1A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
14FE1A0489	RT32042	DIGITAL SIGNAL PROCESSING	19	40	3
14FE1A0489	RT32044	MICROWAVE ENGINEERING	18	43	3
14FE1A0495	RT32044	MICROWAVE ENGINEERING	18	28	3
14FE1A04A5	RT32044	MICROWAVE ENGINEERING	20	7	0
14FE1A04D2	RT32044	MICROWAVE ENGINEERING	18	2	0
14FE1A0502	RT32051	SOFTWARE ENGINEERING	16	9	0
14FE1A0502	RT32052	DATA WARE HOUSING AND MINING	11	15	0
14FE1A0502	RT32053	COMPUTER NETWORKS	3	2	0
14FE1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	4	3	0
14FE1A0502	RT32055	WEB TECHNOLOGIES	20	5	0
14FE1A0502	RT32056	IPR AND PATENTS	22	3	0
14FE1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	36	2
14FE1A0502	RT32058	SOFTWARE ENGINEERING LAB	12	30	2
14FE1A0502	RT32059	WEB TECHNOLOGIES LAB	12	30	2
14FE1A0578	RT32052	DATA WARE HOUSING AND MINING	21	29	3
14FE1A0584	RT32052	DATA WARE HOUSING AND MINING	17	11	0
14FE1A0587	RT32051	SOFTWARE ENGINEERING	16	33	3
14FE1A0587	RT32052	DATA WARE HOUSING AND MINING	15	26	3
14FE1A0587	RT32053	COMPUTER NETWORKS	22	31	3
14FE1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	43	3
14FE1A0587	RT32055	WEB TECHNOLOGIES	19	34	3
14FE1A0587	RT32056	IPR AND PATENTS	23	47	2
14FE1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	39	2
14FE1A0587	RT32058	SOFTWARE ENGINEERING LAB	16	32	2
14FE1A0587	RT32059	WEB TECHNOLOGIES LAB	19	34	2
14FE1A0595	RT32052	DATA WARE HOUSING AND MINING	20	17	0
14FE1A0595	RT32055	WEB TECHNOLOGIES	20	5	0
14FE1A0595	RT32056	IPR AND PATENTS	20	33	2
14FE1A1210	RT32052	DATA WARE HOUSING AND MINING	11	4	0
14FE1A1210	RT32053	COMPUTER NETWORKS	16	4	0
14FE1A1210	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	11	0
14FE1A1210	RT32055	WEB TECHNOLOGIES	18	-1	0
14FE1A1210	RT32056	IPR AND PATENTS	23	5	0
14FE1A1210	RT32121	SOFTWARE TESTING	16	0	0
14FE1A1210	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
14FE1A1210	RT32128	SOFTWARE TESTING LAB	16	35	2
14FE1A1210	RT32129	WEB TECHNOLOGIES LAB	18	40	2
14FE1A1218	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	-1	0
14FE1A1218	RT32121	SOFTWARE TESTING	22	3	0
14FE1A1224	RT32055	WEB TECHNOLOGIES	16	-1	0
14FE1A1225	RT32055	WEB TECHNOLOGIES	16	26	3
14FE5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	15	14	0
14FE5A0402	RT32042	DIGITAL SIGNAL PROCESSING	17	30	3
14FE5A0416	RT32042	DIGITAL SIGNAL PROCESSING	18	3	0
14FE5A0416	RT32044	MICROWAVE ENGINEERING	19	2	0
14FE5A0416	RT32045A	BIO MEDICAL ENGINEERING	12	15	0
15FE1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	63	3
15FE1A0101	RT32012	GEOTECHNICAL ENGINEERING II	26	34	3
15FE1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	40	3
15FE1A0101	RT32014	WATER RESOURCES ENGINEERING I	24	39	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0101	RT32015	TRANSPORTATION ENGINEERING II	28	51	3
15FE1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	39	3
15FE1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
15FE1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
15FE1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	20	27	3
15FE1A0102	RT32012	GEOTECHNICAL ENGINEERING II	20	32	3
15FE1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	35	3
15FE1A0102	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15FE1A0102	RT32015	TRANSPORTATION ENGINEERING II	20	17	0
15FE1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	14	0
15FE1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	62	2
15FE1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15FE1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	26	51	3
15FE1A0103	RT32012	GEOTECHNICAL ENGINEERING II	25	41	3
15FE1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	51	3
15FE1A0103	RT32014	WATER RESOURCES ENGINEERING I	28	56	3
15FE1A0103	RT32015	TRANSPORTATION ENGINEERING II	25	52	3
15FE1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	55	3
15FE1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	68	2
15FE1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
15FE1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	21	32	3
15FE1A0104	RT32012	GEOTECHNICAL ENGINEERING II	20	47	3
15FE1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	65	3
15FE1A0104	RT32014	WATER RESOURCES ENGINEERING I	24	36	3
15FE1A0104	RT32015	TRANSPORTATION ENGINEERING II	22	61	3
15FE1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	36	3
15FE1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	62	2
15FE1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15FE1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	25	42	3
15FE1A0105	RT32012	GEOTECHNICAL ENGINEERING II	22	37	3
15FE1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	52	3
15FE1A0105	RT32014	WATER RESOURCES ENGINEERING I	27	39	3
15FE1A0105	RT32015	TRANSPORTATION ENGINEERING II	28	51	3
15FE1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	42	3
15FE1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	70	2
15FE1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
15FE1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	26	38	3
15FE1A0106	RT32012	GEOTECHNICAL ENGINEERING II	21	51	3
15FE1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	54	3
15FE1A0106	RT32014	WATER RESOURCES ENGINEERING I	28	31	3
15FE1A0106	RT32015	TRANSPORTATION ENGINEERING II	29	39	3
15FE1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	28	43	3
15FE1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15FE1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15FE1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	23	46	3
15FE1A0107	RT32012	GEOTECHNICAL ENGINEERING II	27	43	3
15FE1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	49	3
15FE1A0107	RT32014	WATER RESOURCES ENGINEERING I	23	36	3
15FE1A0107	RT32015	TRANSPORTATION ENGINEERING II	25	47	3
15FE1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	47	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	70	2
15FE1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15FE1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	17	30	3
15FE1A0108	RT32012	GEOTECHNICAL ENGINEERING II	16	17	0
15FE1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	7	0
15FE1A0108	RT32014	WATER RESOURCES ENGINEERING I	16	32	3
15FE1A0108	RT32015	TRANSPORTATION ENGINEERING II	16	26	3
15FE1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	30	3
15FE1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
15FE1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
15FE1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	29	46	3
15FE1A0109	RT32012	GEOTECHNICAL ENGINEERING II	26	38	3
15FE1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	24	3
15FE1A0109	RT32014	WATER RESOURCES ENGINEERING I	25	32	3
15FE1A0109	RT32015	TRANSPORTATION ENGINEERING II	25	48	3
15FE1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	33	3
15FE1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	68	2
15FE1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
15FE1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	26	39	3
15FE1A0110	RT32012	GEOTECHNICAL ENGINEERING II	22	39	3
15FE1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	46	3
15FE1A0110	RT32014	WATER RESOURCES ENGINEERING I	24	30	3
15FE1A0110	RT32015	TRANSPORTATION ENGINEERING II	28	54	3
15FE1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	46	3
15FE1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15FE1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
15FE1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
15FE1A0111	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
15FE1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	47	3
15FE1A0111	RT32014	WATER RESOURCES ENGINEERING I	23	36	3
15FE1A0111	RT32015	TRANSPORTATION ENGINEERING II	23	53	3
15FE1A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	45	3
15FE1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	63	2
15FE1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
15FE1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	23	30	3
15FE1A0112	RT32012	GEOTECHNICAL ENGINEERING II	21	46	3
15FE1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	45	3
15FE1A0112	RT32014	WATER RESOURCES ENGINEERING I	21	54	3
15FE1A0112	RT32015	TRANSPORTATION ENGINEERING II	25	52	3
15FE1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	32	3
15FE1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15FE1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	22	48	3
15FE1A0113	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
15FE1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	41	3
15FE1A0113	RT32014	WATER RESOURCES ENGINEERING I	20	24	3
15FE1A0113	RT32015	TRANSPORTATION ENGINEERING II	27	33	3
15FE1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	31	3
15FE1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15FE1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
15FE1A0114	RT32012	GEOTECHNICAL ENGINEERING II	22	41	3
15FE1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	62	3
15FE1A0114	RT32014	WATER RESOURCES ENGINEERING I	25	17	0
15FE1A0114	RT32015	TRANSPORTATION ENGINEERING II	27	39	3
15FE1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	43	3
15FE1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
15FE1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
15FE1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	23	47	3
15FE1A0115	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
15FE1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	42	3
15FE1A0115	RT32014	WATER RESOURCES ENGINEERING I	25	28	3
15FE1A0115	RT32015	TRANSPORTATION ENGINEERING II	27	57	3
15FE1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	50	3
15FE1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15FE1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	23	29	3
15FE1A0116	RT32012	GEOTECHNICAL ENGINEERING II	24	45	3
15FE1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	24	3
15FE1A0116	RT32014	WATER RESOURCES ENGINEERING I	25	41	3
15FE1A0116	RT32015	TRANSPORTATION ENGINEERING II	25	63	3
15FE1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	33	3
15FE1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	65	2
15FE1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
15FE1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	23	42	3
15FE1A0117	RT32012	GEOTECHNICAL ENGINEERING II	16	50	3
15FE1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	42	3
15FE1A0117	RT32014	WATER RESOURCES ENGINEERING I	26	35	3
15FE1A0117	RT32015	TRANSPORTATION ENGINEERING II	22	43	3
15FE1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	31	3
15FE1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15FE1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
15FE1A0118	RT32012	GEOTECHNICAL ENGINEERING II	17	42	3
15FE1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	56	3
15FE1A0118	RT32014	WATER RESOURCES ENGINEERING I	24	32	3
15FE1A0118	RT32015	TRANSPORTATION ENGINEERING II	25	47	3
15FE1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	27	3
15FE1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
15FE1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
15FE1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	18	32	3
15FE1A0119	RT32012	GEOTECHNICAL ENGINEERING II	17	32	3
15FE1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	47	3
15FE1A0119	RT32014	WATER RESOURCES ENGINEERING I	22	37	3
15FE1A0119	RT32015	TRANSPORTATION ENGINEERING II	26	46	3
15FE1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	27	27	3
15FE1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
15FE1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	26	38	3
15FE1A0120	RT32012	GEOTECHNICAL ENGINEERING II	26	43	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	67	3
15FE1A0120	RT32014	WATER RESOURCES ENGINEERING I	29	36	3
15FE1A0120	RT32015	TRANSPORTATION ENGINEERING II	27	70	3
15FE1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	36	3
15FE1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	70	2
15FE1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
15FE1A0121	RT32011	ENVIRONMENTAL ENGINEERING I	21	38	3
15FE1A0121	RT32012	GEOTECHNICAL ENGINEERING II	16	24	3
15FE1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	25	3
15FE1A0121	RT32014	WATER RESOURCES ENGINEERING I	20	35	3
15FE1A0121	RT32015	TRANSPORTATION ENGINEERING II	19	47	3
15FE1A0121	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	27	3
15FE1A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	64	2
15FE1A0121	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0122	RT32011	ENVIRONMENTAL ENGINEERING I	23	42	3
15FE1A0122	RT32012	GEOTECHNICAL ENGINEERING II	17	41	3
15FE1A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	48	3
15FE1A0122	RT32014	WATER RESOURCES ENGINEERING I	24	34	3
15FE1A0122	RT32015	TRANSPORTATION ENGINEERING II	28	53	3
15FE1A0122	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	40	3
15FE1A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	63	2
15FE1A0122	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
15FE1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	24	39	3
15FE1A0123	RT32012	GEOTECHNICAL ENGINEERING II	21	34	3
15FE1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	40	3
15FE1A0123	RT32014	WATER RESOURCES ENGINEERING I	25	41	3
15FE1A0123	RT32015	TRANSPORTATION ENGINEERING II	29	50	3
15FE1A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	57	3
15FE1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15FE1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	26	30	3
15FE1A0124	RT32012	GEOTECHNICAL ENGINEERING II	16	38	3
15FE1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	41	3
15FE1A0124	RT32014	WATER RESOURCES ENGINEERING I	23	47	3
15FE1A0124	RT32015	TRANSPORTATION ENGINEERING II	25	68	3
15FE1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	32	3
15FE1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15FE1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15FE1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	23	37	3
15FE1A0125	RT32012	GEOTECHNICAL ENGINEERING II	17	30	3
15FE1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	29	3
15FE1A0125	RT32014	WATER RESOURCES ENGINEERING I	16	35	3
15FE1A0125	RT32015	TRANSPORTATION ENGINEERING II	18	34	3
15FE1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	15	0
15FE1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
15FE1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15FE1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	26	43	3
15FE1A0126	RT32012	GEOTECHNICAL ENGINEERING II	23	44	3
15FE1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	44	3
15FE1A0126	RT32014	WATER RESOURCES ENGINEERING I	20	37	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0126	RT32015	TRANSPORTATION ENGINEERING II	25	54	3
15FE1A0126	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	36	3
15FE1A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	67	2
15FE1A0126	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	27	48	3
15FE1A0127	RT32012	GEOTECHNICAL ENGINEERING II	21	40	3
15FE1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	47	3
15FE1A0127	RT32014	WATER RESOURCES ENGINEERING I	22	37	3
15FE1A0127	RT32015	TRANSPORTATION ENGINEERING II	27	46	3
15FE1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	48	3
15FE1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15FE1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
15FE1A0128	RT32012	GEOTECHNICAL ENGINEERING II	19	45	3
15FE1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	70	3
15FE1A0128	RT32014	WATER RESOURCES ENGINEERING I	20	54	3
15FE1A0128	RT32015	TRANSPORTATION ENGINEERING II	24	65	3
15FE1A0128	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	52	3
15FE1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15FE1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
15FE1A0129	RT32011	ENVIRONMENTAL ENGINEERING I	28	54	3
15FE1A0129	RT32012	GEOTECHNICAL ENGINEERING II	24	53	3
15FE1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	52	3
15FE1A0129	RT32014	WATER RESOURCES ENGINEERING I	25	47	3
15FE1A0129	RT32015	TRANSPORTATION ENGINEERING II	26	43	3
15FE1A0129	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	61	3
15FE1A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
15FE1A0129	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
15FE1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	22	45	3
15FE1A0130	RT32012	GEOTECHNICAL ENGINEERING II	27	51	3
15FE1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	51	3
15FE1A0130	RT32014	WATER RESOURCES ENGINEERING I	28	32	3
15FE1A0130	RT32015	TRANSPORTATION ENGINEERING II	24	48	3
15FE1A0130	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	45	3
15FE1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
15FE1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15FE1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	18	36	3
15FE1A0131	RT32012	GEOTECHNICAL ENGINEERING II	18	16	0
15FE1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	24	3
15FE1A0131	RT32014	WATER RESOURCES ENGINEERING I	17	3	0
15FE1A0131	RT32015	TRANSPORTATION ENGINEERING II	21	31	3
15FE1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	38	3
15FE1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
15FE1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
15FE1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	25	33	3
15FE1A0132	RT32012	GEOTECHNICAL ENGINEERING II	22	39	3
15FE1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	46	3
15FE1A0132	RT32014	WATER RESOURCES ENGINEERING I	22	48	3
15FE1A0132	RT32015	TRANSPORTATION ENGINEERING II	28	59	3
15FE1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15FE1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15FE1A0133	RT32011	ENVIRONMENTAL ENGINEERING I	24	47	3
15FE1A0133	RT32012	GEOTECHNICAL ENGINEERING II	22	46	3
15FE1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	24	3
15FE1A0133	RT32014	WATER RESOURCES ENGINEERING I	21	54	3
15FE1A0133	RT32015	TRANSPORTATION ENGINEERING II	26	46	3
15FE1A0133	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	54	3
15FE1A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	62	2
15FE1A0133	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	18	42	3
15FE1A0134	RT32012	GEOTECHNICAL ENGINEERING II	19	41	3
15FE1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	31	3
15FE1A0134	RT32014	WATER RESOURCES ENGINEERING I	20	29	3
15FE1A0134	RT32015	TRANSPORTATION ENGINEERING II	18	52	3
15FE1A0134	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	32	3
15FE1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
15FE1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
15FE1A0135	RT32011	ENVIRONMENTAL ENGINEERING I	23	45	3
15FE1A0135	RT32012	GEOTECHNICAL ENGINEERING II	18	41	3
15FE1A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	47	3
15FE1A0135	RT32014	WATER RESOURCES ENGINEERING I	21	39	3
15FE1A0135	RT32015	TRANSPORTATION ENGINEERING II	20	47	3
15FE1A0135	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	33	3
15FE1A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15FE1A0135	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	22	41	3
15FE1A0136	RT32012	GEOTECHNICAL ENGINEERING II	26	48	3
15FE1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	60	3
15FE1A0136	RT32014	WATER RESOURCES ENGINEERING I	23	56	3
15FE1A0136	RT32015	TRANSPORTATION ENGINEERING II	27	70	3
15FE1A0136	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	37	3
15FE1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15FE1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
15FE1A0137	RT32011	ENVIRONMENTAL ENGINEERING I	26	55	3
15FE1A0137	RT32012	GEOTECHNICAL ENGINEERING II	21	41	3
15FE1A0137	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	42	3
15FE1A0137	RT32014	WATER RESOURCES ENGINEERING I	23	53	3
15FE1A0137	RT32015	TRANSPORTATION ENGINEERING II	29	49	3
15FE1A0137	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	38	3
15FE1A0137	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	67	2
15FE1A0137	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
15FE1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	17	33	3
15FE1A0138	RT32012	GEOTECHNICAL ENGINEERING II	16	35	3
15FE1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	34	3
15FE1A0138	RT32014	WATER RESOURCES ENGINEERING I	19	29	3
15FE1A0138	RT32015	TRANSPORTATION ENGINEERING II	21	31	3
15FE1A0138	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	29	3
15FE1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	65	2
15FE1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0139	RT32011	ENVIRONMENTAL ENGINEERING I	28	37	3
15FE1A0139	RT32012	GEOTECHNICAL ENGINEERING II	22	33	3
15FE1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	42	3
15FE1A0139	RT32014	WATER RESOURCES ENGINEERING I	24	46	3
15FE1A0139	RT32015	TRANSPORTATION ENGINEERING II	28	48	3
15FE1A0139	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	57	3
15FE1A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
15FE1A0139	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
15FE1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	23	30	3
15FE1A0140	RT32012	GEOTECHNICAL ENGINEERING II	18	39	3
15FE1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	65	3
15FE1A0140	RT32014	WATER RESOURCES ENGINEERING I	25	58	3
15FE1A0140	RT32015	TRANSPORTATION ENGINEERING II	25	68	3
15FE1A0140	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	66	3
15FE1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15FE1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15FE1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	25	50	3
15FE1A0141	RT32012	GEOTECHNICAL ENGINEERING II	21	39	3
15FE1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	26	3
15FE1A0141	RT32014	WATER RESOURCES ENGINEERING I	24	52	3
15FE1A0141	RT32015	TRANSPORTATION ENGINEERING II	24	45	3
15FE1A0141	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	45	3
15FE1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	65	2
15FE1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
15FE1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
15FE1A0142	RT32012	GEOTECHNICAL ENGINEERING II	23	45	3
15FE1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	59	3
15FE1A0142	RT32014	WATER RESOURCES ENGINEERING I	25	34	3
15FE1A0142	RT32015	TRANSPORTATION ENGINEERING II	29	51	3
15FE1A0142	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	52	3
15FE1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	65	2
15FE1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15FE1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	25	43	3
15FE1A0143	RT32012	GEOTECHNICAL ENGINEERING II	24	42	3
15FE1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	40	3
15FE1A0143	RT32014	WATER RESOURCES ENGINEERING I	24	63	3
15FE1A0143	RT32015	TRANSPORTATION ENGINEERING II	29	37	3
15FE1A0143	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	48	3
15FE1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	64	2
15FE1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
15FE1A0144	RT32011	ENVIRONMENTAL ENGINEERING I	27	32	3
15FE1A0144	RT32012	GEOTECHNICAL ENGINEERING II	24	46	3
15FE1A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	51	3
15FE1A0144	RT32014	WATER RESOURCES ENGINEERING I	25	47	3
15FE1A0144	RT32015	TRANSPORTATION ENGINEERING II	30	70	3
15FE1A0144	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	45	3
15FE1A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
15FE1A0144	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15FE1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	22	28	3
15FE1A0145	RT32012	GEOTECHNICAL ENGINEERING II	22	29	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	32	3
15FE1A0145	RT32014	WATER RESOURCES ENGINEERING I	21	24	3
15FE1A0145	RT32015	TRANSPORTATION ENGINEERING II	28	33	3
15FE1A0145	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	43	3
15FE1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	63	2
15FE1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
15FE1A0146	RT32011	ENVIRONMENTAL ENGINEERING I	22	38	3
15FE1A0146	RT32012	GEOTECHNICAL ENGINEERING II	18	43	3
15FE1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	49	3
15FE1A0146	RT32014	WATER RESOURCES ENGINEERING I	22	31	3
15FE1A0146	RT32015	TRANSPORTATION ENGINEERING II	19	44	3
15FE1A0146	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	44	3
15FE1A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15FE1A0146	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0147	RT32011	ENVIRONMENTAL ENGINEERING I	19	33	3
15FE1A0147	RT32012	GEOTECHNICAL ENGINEERING II	20	17	0
15FE1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	30	3
15FE1A0147	RT32014	WATER RESOURCES ENGINEERING I	22	35	3
15FE1A0147	RT32015	TRANSPORTATION ENGINEERING II	22	50	3
15FE1A0147	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	46	3
15FE1A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	68	2
15FE1A0147	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15FE1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	26	32	3
15FE1A0148	RT32012	GEOTECHNICAL ENGINEERING II	24	63	3
15FE1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	70	3
15FE1A0148	RT32014	WATER RESOURCES ENGINEERING I	26	52	3
15FE1A0148	RT32015	TRANSPORTATION ENGINEERING II	29	70	3
15FE1A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	37	3
15FE1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	64	2
15FE1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15FE1A0149	RT32011	ENVIRONMENTAL ENGINEERING I	23	36	3
15FE1A0149	RT32012	GEOTECHNICAL ENGINEERING II	24	33	3
15FE1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	30	3
15FE1A0149	RT32014	WATER RESOURCES ENGINEERING I	25	56	3
15FE1A0149	RT32015	TRANSPORTATION ENGINEERING II	27	45	3
15FE1A0149	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	39	3
15FE1A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
15FE1A0149	RT32018	TRANSPORTATION ENGINEERING LAB	22	43	2
15FE1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	23	27	3
15FE1A0150	RT32012	GEOTECHNICAL ENGINEERING II	20	38	3
15FE1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	40	3
15FE1A0150	RT32014	WATER RESOURCES ENGINEERING I	21	29	3
15FE1A0150	RT32015	TRANSPORTATION ENGINEERING II	22	34	3
15FE1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	35	3
15FE1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
15FE1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
15FE1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15FE1A0201	RT32022	SWITCHGEAR AND PROTECTION	22	43	3
15FE1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	50	3
15FE1A0201	RT32024	POWER SYSTEM ANALYSIS	13	30	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0201	RT32025	MANAGEMENT SCIENCE	16	68	3
15FE1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	17	49	3
15FE1A0201	RT32027	POWER ELECTRONICS LAB	19	44	2
15FE1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	42	2
15FE1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	34	3
15FE1A0202	RT32022	SWITCHGEAR AND PROTECTION	17	26	3
15FE1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	8	0
15FE1A0202	RT32024	POWER SYSTEM ANALYSIS	19	16	0
15FE1A0202	RT32025	MANAGEMENT SCIENCE	19	42	3
15FE1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	17	43	3
15FE1A0202	RT32027	POWER ELECTRONICS LAB	18	44	2
15FE1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15FE1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	36	3
15FE1A0203	RT32022	SWITCHGEAR AND PROTECTION	19	39	3
15FE1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	45	3
15FE1A0203	RT32024	POWER SYSTEM ANALYSIS	27	27	3
15FE1A0203	RT32025	MANAGEMENT SCIENCE	23	44	3
15FE1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	22	36	3
15FE1A0203	RT32027	POWER ELECTRONICS LAB	20	47	2
15FE1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	23	41	2
15FE1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	33	3
15FE1A0204	RT32022	SWITCHGEAR AND PROTECTION	18	41	3
15FE1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	34	3
15FE1A0204	RT32024	POWER SYSTEM ANALYSIS	23	49	3
15FE1A0204	RT32025	MANAGEMENT SCIENCE	23	30	3
15FE1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	18	48	3
15FE1A0204	RT32027	POWER ELECTRONICS LAB	20	46	2
15FE1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	24	41	2
15FE1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	32	3
15FE1A0205	RT32022	SWITCHGEAR AND PROTECTION	17	47	3
15FE1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	39	3
15FE1A0205	RT32024	POWER SYSTEM ANALYSIS	20	50	3
15FE1A0205	RT32025	MANAGEMENT SCIENCE	17	50	3
15FE1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	18	51	3
15FE1A0205	RT32027	POWER ELECTRONICS LAB	22	46	2
15FE1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15FE1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	50	3
15FE1A0206	RT32022	SWITCHGEAR AND PROTECTION	23	35	3
15FE1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	46	3
15FE1A0206	RT32024	POWER SYSTEM ANALYSIS	25	45	3
15FE1A0206	RT32025	MANAGEMENT SCIENCE	25	39	3
15FE1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	20	46	3
15FE1A0206	RT32027	POWER ELECTRONICS LAB	22	47	2
15FE1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15FE1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	38	3
15FE1A0207	RT32022	SWITCHGEAR AND PROTECTION	20	35	3
15FE1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	36	3
15FE1A0207	RT32024	POWER SYSTEM ANALYSIS	23	41	3
15FE1A0207	RT32025	MANAGEMENT SCIENCE	18	54	3
15FE1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	21	30	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0207	RT32027	POWER ELECTRONICS LAB	22	47	2
15FE1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15FE1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	31	3
15FE1A0208	RT32022	SWITCHGEAR AND PROTECTION	21	37	3
15FE1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	53	3
15FE1A0208	RT32024	POWER SYSTEM ANALYSIS	22	43	3
15FE1A0208	RT32025	MANAGEMENT SCIENCE	23	38	3
15FE1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	22	56	3
15FE1A0208	RT32027	POWER ELECTRONICS LAB	20	47	2
15FE1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15FE1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	13	0
15FE1A0209	RT32022	SWITCHGEAR AND PROTECTION	24	32	3
15FE1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	21	0
15FE1A0209	RT32024	POWER SYSTEM ANALYSIS	19	25	3
15FE1A0209	RT32025	MANAGEMENT SCIENCE	16	28	3
15FE1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	18	31	3
15FE1A0209	RT32027	POWER ELECTRONICS LAB	19	47	2
15FE1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	20	44	2
15FE1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15FE1A0211	RT32022	SWITCHGEAR AND PROTECTION	12	14	0
15FE1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	10	0
15FE1A0211	RT32024	POWER SYSTEM ANALYSIS	16	18	0
15FE1A0211	RT32025	MANAGEMENT SCIENCE	16	32	3
15FE1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	11	29	3
15FE1A0211	RT32027	POWER ELECTRONICS LAB	18	45	2
15FE1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	22	39	2
15FE1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	38	3
15FE1A0212	RT32022	SWITCHGEAR AND PROTECTION	16	32	3
15FE1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	14	0
15FE1A0212	RT32024	POWER SYSTEM ANALYSIS	17	34	3
15FE1A0212	RT32025	MANAGEMENT SCIENCE	17	37	3
15FE1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	21	26	3
15FE1A0212	RT32027	POWER ELECTRONICS LAB	16	47	2
15FE1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	29	3
15FE1A0213	RT32022	SWITCHGEAR AND PROTECTION	20	46	3
15FE1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	58	3
15FE1A0213	RT32024	POWER SYSTEM ANALYSIS	28	50	3
15FE1A0213	RT32025	MANAGEMENT SCIENCE	22	44	3
15FE1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	23	57	3
15FE1A0213	RT32027	POWER ELECTRONICS LAB	19	47	2
15FE1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	25	45	2
15FE1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	37	3
15FE1A0214	RT32022	SWITCHGEAR AND PROTECTION	24	45	3
15FE1A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	45	3
15FE1A0214	RT32024	POWER SYSTEM ANALYSIS	28	48	3
15FE1A0214	RT32025	MANAGEMENT SCIENCE	23	49	3
15FE1A0214	RT32026	POWER SEMICONDUCTOR DRIVES	24	61	3
15FE1A0214	RT32027	POWER ELECTRONICS LAB	23	49	2
15FE1A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	47	3
15FE1A0215	RT32022	SWITCHGEAR AND PROTECTION	24	55	3
15FE1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	54	3
15FE1A0215	RT32024	POWER SYSTEM ANALYSIS	29	52	3
15FE1A0215	RT32025	MANAGEMENT SCIENCE	21	52	3
15FE1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	25	55	3
15FE1A0215	RT32027	POWER ELECTRONICS LAB	23	49	2
15FE1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15FE1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	35	3
15FE1A0216	RT32022	SWITCHGEAR AND PROTECTION	18	34	3
15FE1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	38	3
15FE1A0216	RT32024	POWER SYSTEM ANALYSIS	26	39	3
15FE1A0216	RT32025	MANAGEMENT SCIENCE	17	39	3
15FE1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15FE1A0216	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15FE1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	28	3
15FE1A0217	RT32022	SWITCHGEAR AND PROTECTION	21	37	3
15FE1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	36	3
15FE1A0217	RT32024	POWER SYSTEM ANALYSIS	26	38	3
15FE1A0217	RT32025	MANAGEMENT SCIENCE	17	42	3
15FE1A0217	RT32026	POWER SEMICONDUCTOR DRIVES	20	38	3
15FE1A0217	RT32027	POWER ELECTRONICS LAB	20	44	2
15FE1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15FE1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	31	3
15FE1A0218	RT32022	SWITCHGEAR AND PROTECTION	24	43	3
15FE1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	44	3
15FE1A0218	RT32024	POWER SYSTEM ANALYSIS	28	25	3
15FE1A0218	RT32025	MANAGEMENT SCIENCE	19	38	3
15FE1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	21	54	3
15FE1A0218	RT32027	POWER ELECTRONICS LAB	20	48	2
15FE1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15FE1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	37	3
15FE1A0219	RT32022	SWITCHGEAR AND PROTECTION	20	34	3
15FE1A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	44	3
15FE1A0219	RT32024	POWER SYSTEM ANALYSIS	26	49	3
15FE1A0219	RT32025	MANAGEMENT SCIENCE	22	39	3
15FE1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	18	49	3
15FE1A0219	RT32027	POWER ELECTRONICS LAB	20	44	2
15FE1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	25	42	2
15FE1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	34	3
15FE1A0220	RT32022	SWITCHGEAR AND PROTECTION	20	24	3
15FE1A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	8	0
15FE1A0220	RT32024	POWER SYSTEM ANALYSIS	21	7	0
15FE1A0220	RT32025	MANAGEMENT SCIENCE	16	39	3
15FE1A0220	RT32026	POWER SEMICONDUCTOR DRIVES	19	6	0
15FE1A0220	RT32027	POWER ELECTRONICS LAB	18	44	2
15FE1A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	13	43	2
15FE1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	51	3
15FE1A0221	RT32022	SWITCHGEAR AND PROTECTION	22	59	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	64	3
15FE1A0221	RT32024	POWER SYSTEM ANALYSIS	28	60	3
15FE1A0221	RT32025	MANAGEMENT SCIENCE	22	48	3
15FE1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	23	70	3
15FE1A0221	RT32027	POWER ELECTRONICS LAB	22	49	2
15FE1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15FE1A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	24	3
15FE1A0222	RT32022	SWITCHGEAR AND PROTECTION	14	28	3
15FE1A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	18	0
15FE1A0222	RT32024	POWER SYSTEM ANALYSIS	22	26	3
15FE1A0222	RT32025	MANAGEMENT SCIENCE	16	39	3
15FE1A0222	RT32026	POWER SEMICONDUCTOR DRIVES	19	35	3
15FE1A0222	RT32027	POWER ELECTRONICS LAB	18	45	2
15FE1A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	24	42	2
15FE1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	30	3
15FE1A0223	RT32022	SWITCHGEAR AND PROTECTION	20	15	0
15FE1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	13	0
15FE1A0223	RT32024	POWER SYSTEM ANALYSIS	24	25	3
15FE1A0223	RT32025	MANAGEMENT SCIENCE	17	24	3
15FE1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	21	33	3
15FE1A0223	RT32027	POWER ELECTRONICS LAB	19	43	2
15FE1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	24	39	2
15FE1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
15FE1A0224	RT32022	SWITCHGEAR AND PROTECTION	21	40	3
15FE1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	39	3
15FE1A0224	RT32024	POWER SYSTEM ANALYSIS	22	41	3
15FE1A0224	RT32025	MANAGEMENT SCIENCE	18	52	3
15FE1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	20	26	3
15FE1A0224	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	25	45	2
15FE1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	27	3
15FE1A0225	RT32022	SWITCHGEAR AND PROTECTION	19	38	3
15FE1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	50	3
15FE1A0225	RT32024	POWER SYSTEM ANALYSIS	22	26	3
15FE1A0225	RT32025	MANAGEMENT SCIENCE	19	37	3
15FE1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	20	49	3
15FE1A0225	RT32027	POWER ELECTRONICS LAB	20	48	2
15FE1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15FE1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
15FE1A0226	RT32022	SWITCHGEAR AND PROTECTION	20	34	3
15FE1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	11	29	3
15FE1A0226	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15FE1A0226	RT32025	MANAGEMENT SCIENCE	17	27	3
15FE1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	9	16	0
15FE1A0226	RT32027	POWER ELECTRONICS LAB	18	46	2
15FE1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15FE1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	33	3
15FE1A0227	RT32022	SWITCHGEAR AND PROTECTION	23	36	3
15FE1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	40	3
15FE1A0227	RT32024	POWER SYSTEM ANALYSIS	22	45	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0227	RT32025	MANAGEMENT SCIENCE	21	42	3
15FE1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	21	53	3
15FE1A0227	RT32027	POWER ELECTRONICS LAB	22	48	2
15FE1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15FE1A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	31	3
15FE1A0228	RT32022	SWITCHGEAR AND PROTECTION	22	18	0
15FE1A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	24	3
15FE1A0228	RT32024	POWER SYSTEM ANALYSIS	21	6	0
15FE1A0228	RT32025	MANAGEMENT SCIENCE	18	40	3
15FE1A0228	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
15FE1A0228	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
15FE1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	29	3
15FE1A0229	RT32022	SWITCHGEAR AND PROTECTION	17	35	3
15FE1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	28	3
15FE1A0229	RT32024	POWER SYSTEM ANALYSIS	18	31	3
15FE1A0229	RT32025	MANAGEMENT SCIENCE	16	41	3
15FE1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	16	33	3
15FE1A0229	RT32027	POWER ELECTRONICS LAB	18	44	2
15FE1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	54	3
15FE1A0230	RT32022	SWITCHGEAR AND PROTECTION	20	41	3
15FE1A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	64	3
15FE1A0230	RT32024	POWER SYSTEM ANALYSIS	23	38	3
15FE1A0230	RT32025	MANAGEMENT SCIENCE	18	62	3
15FE1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	21	61	3
15FE1A0230	RT32027	POWER ELECTRONICS LAB	19	44	2
15FE1A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	25	45	2
15FE1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	51	3
15FE1A0231	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
15FE1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	36	3
15FE1A0231	RT32024	POWER SYSTEM ANALYSIS	22	37	3
15FE1A0231	RT32025	MANAGEMENT SCIENCE	21	39	3
15FE1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	21	40	3
15FE1A0231	RT32027	POWER ELECTRONICS LAB	18	46	2
15FE1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15FE1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	30	3
15FE1A0232	RT32022	SWITCHGEAR AND PROTECTION	20	42	3
15FE1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	36	3
15FE1A0232	RT32024	POWER SYSTEM ANALYSIS	27	46	3
15FE1A0232	RT32025	MANAGEMENT SCIENCE	20	47	3
15FE1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	23	26	3
15FE1A0232	RT32027	POWER ELECTRONICS LAB	22	47	2
15FE1A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15FE1A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	36	3
15FE1A0233	RT32022	SWITCHGEAR AND PROTECTION	25	40	3
15FE1A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	32	3
15FE1A0233	RT32024	POWER SYSTEM ANALYSIS	27	41	3
15FE1A0233	RT32025	MANAGEMENT SCIENCE	18	48	3
15FE1A0233	RT32026	POWER SEMICONDUCTOR DRIVES	20	44	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0233	RT32027	POWER ELECTRONICS LAB	19	46	2
15FE1A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15FE1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	30	3
15FE1A0234	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
15FE1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	54	3
15FE1A0234	RT32024	POWER SYSTEM ANALYSIS	21	35	3
15FE1A0234	RT32025	MANAGEMENT SCIENCE	17	53	3
15FE1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	18	36	3
15FE1A0234	RT32027	POWER ELECTRONICS LAB	17	46	2
15FE1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	19	42	2
15FE1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	58	3
15FE1A0235	RT32022	SWITCHGEAR AND PROTECTION	25	38	3
15FE1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	40	3
15FE1A0235	RT32024	POWER SYSTEM ANALYSIS	26	46	3
15FE1A0235	RT32025	MANAGEMENT SCIENCE	20	43	3
15FE1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	22	55	3
15FE1A0235	RT32027	POWER ELECTRONICS LAB	20	47	2
15FE1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15FE1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
15FE1A0236	RT32022	SWITCHGEAR AND PROTECTION	19	12	0
15FE1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
15FE1A0236	RT32024	POWER SYSTEM ANALYSIS	24	37	3
15FE1A0236	RT32025	MANAGEMENT SCIENCE	22	50	3
15FE1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15FE1A0236	RT32027	POWER ELECTRONICS LAB	19	46	2
15FE1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15FE1A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	35	3
15FE1A0238	RT32022	SWITCHGEAR AND PROTECTION	22	54	3
15FE1A0238	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	45	3
15FE1A0238	RT32024	POWER SYSTEM ANALYSIS	24	49	3
15FE1A0238	RT32025	MANAGEMENT SCIENCE	19	43	3
15FE1A0238	RT32026	POWER SEMICONDUCTOR DRIVES	19	53	3
15FE1A0238	RT32027	POWER ELECTRONICS LAB	20	46	2
15FE1A0238	RT32028	ELECTRICAL MEASUREMENTS LAB	24	42	2
15FE1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	14	0
15FE1A0239	RT32022	SWITCHGEAR AND PROTECTION	17	30	3
15FE1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	27	3
15FE1A0239	RT32024	POWER SYSTEM ANALYSIS	16	10	0
15FE1A0239	RT32025	MANAGEMENT SCIENCE	17	56	3
15FE1A0239	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15FE1A0239	RT32027	POWER ELECTRONICS LAB	18	44	2
15FE1A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	20	39	2
15FE1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	39	3
15FE1A0240	RT32022	SWITCHGEAR AND PROTECTION	21	24	3
15FE1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	34	3
15FE1A0240	RT32024	POWER SYSTEM ANALYSIS	20	34	3
15FE1A0240	RT32025	MANAGEMENT SCIENCE	16	24	3
15FE1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	21	42	3
15FE1A0240	RT32027	POWER ELECTRONICS LAB	18	45	2
15FE1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	23	36	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	29	3
15FE1A0241	RT32022	SWITCHGEAR AND PROTECTION	23	31	3
15FE1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	24	3
15FE1A0241	RT32024	POWER SYSTEM ANALYSIS	24	24	3
15FE1A0241	RT32025	MANAGEMENT SCIENCE	21	52	3
15FE1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	20	38	3
15FE1A0241	RT32027	POWER ELECTRONICS LAB	19	46	2
15FE1A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15FE1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	33	3
15FE1A0242	RT32022	SWITCHGEAR AND PROTECTION	26	52	3
15FE1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	55	3
15FE1A0242	RT32024	POWER SYSTEM ANALYSIS	25	51	3
15FE1A0242	RT32025	MANAGEMENT SCIENCE	26	44	3
15FE1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	19	49	3
15FE1A0242	RT32027	POWER ELECTRONICS LAB	21	48	2
15FE1A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	23	39	2
15FE1A0243	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	33	3
15FE1A0243	RT32022	SWITCHGEAR AND PROTECTION	21	34	3
15FE1A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	56	3
15FE1A0243	RT32024	POWER SYSTEM ANALYSIS	20	26	3
15FE1A0243	RT32025	MANAGEMENT SCIENCE	19	53	3
15FE1A0243	RT32026	POWER SEMICONDUCTOR DRIVES	17	33	3
15FE1A0243	RT32027	POWER ELECTRONICS LAB	20	46	2
15FE1A0243	RT32028	ELECTRICAL MEASUREMENTS LAB	24	42	2
15FE1A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
15FE1A0244	RT32022	SWITCHGEAR AND PROTECTION	23	29	3
15FE1A0244	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	50	3
15FE1A0244	RT32024	POWER SYSTEM ANALYSIS	26	39	3
15FE1A0244	RT32025	MANAGEMENT SCIENCE	21	36	3
15FE1A0244	RT32026	POWER SEMICONDUCTOR DRIVES	21	43	3
15FE1A0244	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0244	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15FE1A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	30	3
15FE1A0246	RT32022	SWITCHGEAR AND PROTECTION	26	44	3
15FE1A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	36	3
15FE1A0246	RT32024	POWER SYSTEM ANALYSIS	28	38	3
15FE1A0246	RT32025	MANAGEMENT SCIENCE	19	36	3
15FE1A0246	RT32026	POWER SEMICONDUCTOR DRIVES	24	44	3
15FE1A0246	RT32027	POWER ELECTRONICS LAB	22	46	2
15FE1A0246	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
15FE1A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	30	3
15FE1A0247	RT32022	SWITCHGEAR AND PROTECTION	19	41	3
15FE1A0247	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	46	3
15FE1A0247	RT32024	POWER SYSTEM ANALYSIS	17	50	3
15FE1A0247	RT32025	MANAGEMENT SCIENCE	16	36	3
15FE1A0247	RT32026	POWER SEMICONDUCTOR DRIVES	16	42	3
15FE1A0247	RT32027	POWER ELECTRONICS LAB	19	45	2
15FE1A0247	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15FE1A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	34	3
15FE1A0248	RT32022	SWITCHGEAR AND PROTECTION	16	38	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0248	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	41	3
15FE1A0248	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15FE1A0248	RT32025	MANAGEMENT SCIENCE	16	58	3
15FE1A0248	RT32026	POWER SEMICONDUCTOR DRIVES	17	36	3
15FE1A0248	RT32027	POWER ELECTRONICS LAB	21	47	2
15FE1A0248	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
15FE1A0249	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	52	3
15FE1A0249	RT32022	SWITCHGEAR AND PROTECTION	20	34	3
15FE1A0249	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	37	3
15FE1A0249	RT32024	POWER SYSTEM ANALYSIS	19	47	3
15FE1A0249	RT32025	MANAGEMENT SCIENCE	19	37	3
15FE1A0249	RT32026	POWER SEMICONDUCTOR DRIVES	17	47	3
15FE1A0249	RT32027	POWER ELECTRONICS LAB	18	45	2
15FE1A0249	RT32028	ELECTRICAL MEASUREMENTS LAB	21	43	2
15FE1A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	32	3
15FE1A0250	RT32022	SWITCHGEAR AND PROTECTION	22	39	3
15FE1A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	36	3
15FE1A0250	RT32024	POWER SYSTEM ANALYSIS	25	46	3
15FE1A0250	RT32025	MANAGEMENT SCIENCE	24	45	3
15FE1A0250	RT32026	POWER SEMICONDUCTOR DRIVES	20	36	3
15FE1A0250	RT32027	POWER ELECTRONICS LAB	18	45	2
15FE1A0250	RT32028	ELECTRICAL MEASUREMENTS LAB	23	41	2
15FE1A0251	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	32	3
15FE1A0251	RT32022	SWITCHGEAR AND PROTECTION	23	48	3
15FE1A0251	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	38	3
15FE1A0251	RT32024	POWER SYSTEM ANALYSIS	23	43	3
15FE1A0251	RT32025	MANAGEMENT SCIENCE	21	48	3
15FE1A0251	RT32026	POWER SEMICONDUCTOR DRIVES	23	49	3
15FE1A0251	RT32027	POWER ELECTRONICS LAB	23	46	2
15FE1A0251	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15FE1A0252	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	24	3
15FE1A0252	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
15FE1A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	37	3
15FE1A0252	RT32024	POWER SYSTEM ANALYSIS	25	24	3
15FE1A0252	RT32025	MANAGEMENT SCIENCE	17	60	3
15FE1A0252	RT32026	POWER SEMICONDUCTOR DRIVES	22	35	3
15FE1A0252	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A0252	RT32028	ELECTRICAL MEASUREMENTS LAB	22	48	2
15FE1A0253	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	52	3
15FE1A0253	RT32022	SWITCHGEAR AND PROTECTION	25	33	3
15FE1A0253	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	40	3
15FE1A0253	RT32024	POWER SYSTEM ANALYSIS	28	57	3
15FE1A0253	RT32025	MANAGEMENT SCIENCE	22	48	3
15FE1A0253	RT32026	POWER SEMICONDUCTOR DRIVES	22	54	3
15FE1A0253	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A0253	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15FE1A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	46	3
15FE1A0254	RT32022	SWITCHGEAR AND PROTECTION	23	50	3
15FE1A0254	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	62	3
15FE1A0254	RT32024	POWER SYSTEM ANALYSIS	21	49	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0254	RT32025	MANAGEMENT SCIENCE	20	40	3
15FE1A0254	RT32026	POWER SEMICONDUCTOR DRIVES	20	32	3
15FE1A0254	RT32027	POWER ELECTRONICS LAB	23	46	2
15FE1A0254	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15FE1A0255	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	41	3
15FE1A0255	RT32022	SWITCHGEAR AND PROTECTION	25	46	3
15FE1A0255	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	49	3
15FE1A0255	RT32024	POWER SYSTEM ANALYSIS	27	51	3
15FE1A0255	RT32025	MANAGEMENT SCIENCE	23	43	3
15FE1A0255	RT32026	POWER SEMICONDUCTOR DRIVES	21	53	3
15FE1A0255	RT32027	POWER ELECTRONICS LAB	22	47	2
15FE1A0255	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15FE1A0256	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15FE1A0256	RT32022	SWITCHGEAR AND PROTECTION	16	33	3
15FE1A0256	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	46	3
15FE1A0256	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15FE1A0256	RT32025	MANAGEMENT SCIENCE	22	61	3
15FE1A0256	RT32026	POWER SEMICONDUCTOR DRIVES	21	52	3
15FE1A0256	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0256	RT32028	ELECTRICAL MEASUREMENTS LAB	22	48	2
15FE1A0257	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	36	3
15FE1A0257	RT32022	SWITCHGEAR AND PROTECTION	16	12	0
15FE1A0257	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
15FE1A0257	RT32024	POWER SYSTEM ANALYSIS	18	19	0
15FE1A0257	RT32025	MANAGEMENT SCIENCE	16	35	3
15FE1A0257	RT32026	POWER SEMICONDUCTOR DRIVES	15	31	3
15FE1A0257	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0257	RT32028	ELECTRICAL MEASUREMENTS LAB	22	49	2
15FE1A0258	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	33	3
15FE1A0258	RT32022	SWITCHGEAR AND PROTECTION	19	26	3
15FE1A0258	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	35	3
15FE1A0258	RT32024	POWER SYSTEM ANALYSIS	19	16	0
15FE1A0258	RT32025	MANAGEMENT SCIENCE	19	39	3
15FE1A0258	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15FE1A0258	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0258	RT32028	ELECTRICAL MEASUREMENTS LAB	22	49	2
15FE1A0259	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	31	3
15FE1A0259	RT32022	SWITCHGEAR AND PROTECTION	22	38	3
15FE1A0259	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	39	3
15FE1A0259	RT32024	POWER SYSTEM ANALYSIS	22	31	3
15FE1A0259	RT32025	MANAGEMENT SCIENCE	20	37	3
15FE1A0259	RT32026	POWER SEMICONDUCTOR DRIVES	19	36	3
15FE1A0259	RT32027	POWER ELECTRONICS LAB	21	42	2
15FE1A0259	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15FE1A0260	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	32	3
15FE1A0260	RT32022	SWITCHGEAR AND PROTECTION	24	27	3
15FE1A0260	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	54	3
15FE1A0260	RT32024	POWER SYSTEM ANALYSIS	23	27	3
15FE1A0260	RT32025	MANAGEMENT SCIENCE	20	40	3
15FE1A0260	RT32026	POWER SEMICONDUCTOR DRIVES	17	37	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0260	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0260	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15FE1A0261	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	42	3
15FE1A0261	RT32022	SWITCHGEAR AND PROTECTION	22	30	3
15FE1A0261	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	34	3
15FE1A0261	RT32024	POWER SYSTEM ANALYSIS	21	38	3
15FE1A0261	RT32025	MANAGEMENT SCIENCE	17	26	3
15FE1A0261	RT32026	POWER SEMICONDUCTOR DRIVES	16	35	3
15FE1A0261	RT32027	POWER ELECTRONICS LAB	22	47	2
15FE1A0261	RT32028	ELECTRICAL MEASUREMENTS LAB	22	48	2
15FE1A0262	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	49	3
15FE1A0262	RT32022	SWITCHGEAR AND PROTECTION	26	52	3
15FE1A0262	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	44	3
15FE1A0262	RT32024	POWER SYSTEM ANALYSIS	27	46	3
15FE1A0262	RT32025	MANAGEMENT SCIENCE	19	44	3
15FE1A0262	RT32026	POWER SEMICONDUCTOR DRIVES	23	50	3
15FE1A0262	RT32027	POWER ELECTRONICS LAB	25	49	2
15FE1A0262	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15FE1A0263	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	39	3
15FE1A0263	RT32022	SWITCHGEAR AND PROTECTION	25	45	3
15FE1A0263	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	49	3
15FE1A0263	RT32024	POWER SYSTEM ANALYSIS	28	58	3
15FE1A0263	RT32025	MANAGEMENT SCIENCE	19	46	3
15FE1A0263	RT32026	POWER SEMICONDUCTOR DRIVES	20	50	3
15FE1A0263	RT32027	POWER ELECTRONICS LAB	19	43	2
15FE1A0263	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15FE1A0264	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	51	3
15FE1A0264	RT32022	SWITCHGEAR AND PROTECTION	23	44	3
15FE1A0264	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	41	3
15FE1A0264	RT32024	POWER SYSTEM ANALYSIS	25	25	3
15FE1A0264	RT32025	MANAGEMENT SCIENCE	23	54	3
15FE1A0264	RT32026	POWER SEMICONDUCTOR DRIVES	19	49	3
15FE1A0264	RT32027	POWER ELECTRONICS LAB	21	44	2
15FE1A0264	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15FE1A0265	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	47	3
15FE1A0265	RT32022	SWITCHGEAR AND PROTECTION	21	36	3
15FE1A0265	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	67	3
15FE1A0265	RT32024	POWER SYSTEM ANALYSIS	28	55	3
15FE1A0265	RT32025	MANAGEMENT SCIENCE	18	40	3
15FE1A0265	RT32026	POWER SEMICONDUCTOR DRIVES	24	50	3
15FE1A0265	RT32027	POWER ELECTRONICS LAB	23	48	2
15FE1A0265	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15FE1A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	34	3
15FE1A0266	RT32022	SWITCHGEAR AND PROTECTION	20	14	0
15FE1A0266	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	15	0
15FE1A0266	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15FE1A0266	RT32025	MANAGEMENT SCIENCE	16	42	3
15FE1A0266	RT32026	POWER SEMICONDUCTOR DRIVES	16	12	0
15FE1A0266	RT32027	POWER ELECTRONICS LAB	20	42	2
15FE1A0266	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0267	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	46	3
15FE1A0267	RT32022	SWITCHGEAR AND PROTECTION	26	56	3
15FE1A0267	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	51	3
15FE1A0267	RT32024	POWER SYSTEM ANALYSIS	27	57	3
15FE1A0267	RT32025	MANAGEMENT SCIENCE	18	46	3
15FE1A0267	RT32026	POWER SEMICONDUCTOR DRIVES	25	67	3
15FE1A0267	RT32027	POWER ELECTRONICS LAB	22	49	2
15FE1A0267	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A0270	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15FE1A0270	RT32022	SWITCHGEAR AND PROTECTION	18	16	0
15FE1A0270	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	33	3
15FE1A0270	RT32024	POWER SYSTEM ANALYSIS	16	0	0
15FE1A0270	RT32025	MANAGEMENT SCIENCE	16	24	3
15FE1A0270	RT32026	POWER SEMICONDUCTOR DRIVES	16	31	3
15FE1A0270	RT32027	POWER ELECTRONICS LAB	19	44	2
15FE1A0270	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0271	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	27	3
15FE1A0271	RT32022	SWITCHGEAR AND PROTECTION	25	19	0
15FE1A0271	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	35	3
15FE1A0271	RT32024	POWER SYSTEM ANALYSIS	16	31	3
15FE1A0271	RT32025	MANAGEMENT SCIENCE	16	24	3
15FE1A0271	RT32026	POWER SEMICONDUCTOR DRIVES	10	38	3
15FE1A0271	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0271	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0272	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	31	3
15FE1A0272	RT32022	SWITCHGEAR AND PROTECTION	22	32	3
15FE1A0272	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	26	3
15FE1A0272	RT32024	POWER SYSTEM ANALYSIS	22	16	0
15FE1A0272	RT32025	MANAGEMENT SCIENCE	18	36	3
15FE1A0272	RT32026	POWER SEMICONDUCTOR DRIVES	21	29	3
15FE1A0272	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0272	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0273	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	34	3
15FE1A0273	RT32022	SWITCHGEAR AND PROTECTION	22	49	3
15FE1A0273	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	49	3
15FE1A0273	RT32024	POWER SYSTEM ANALYSIS	18	42	3
15FE1A0273	RT32025	MANAGEMENT SCIENCE	16	52	3
15FE1A0273	RT32026	POWER SEMICONDUCTOR DRIVES	20	49	3
15FE1A0273	RT32027	POWER ELECTRONICS LAB	19	44	2
15FE1A0273	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15FE1A0274	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
15FE1A0274	RT32022	SWITCHGEAR AND PROTECTION	21	32	3
15FE1A0274	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	45	3
15FE1A0274	RT32024	POWER SYSTEM ANALYSIS	12	28	3
15FE1A0274	RT32025	MANAGEMENT SCIENCE	20	70	3
15FE1A0274	RT32026	POWER SEMICONDUCTOR DRIVES	12	37	3
15FE1A0274	RT32027	POWER ELECTRONICS LAB	21	44	2
15FE1A0274	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15FE1A0275	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	41	3
15FE1A0275	RT32022	SWITCHGEAR AND PROTECTION	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0275	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	51	3
15FE1A0275	RT32024	POWER SYSTEM ANALYSIS	22	34	3
15FE1A0275	RT32025	MANAGEMENT SCIENCE	19	24	3
15FE1A0275	RT32026	POWER SEMICONDUCTOR DRIVES	17	42	3
15FE1A0275	RT32027	POWER ELECTRONICS LAB	21	45	2
15FE1A0275	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15FE1A0276	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	18	0
15FE1A0276	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
15FE1A0276	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	41	3
15FE1A0276	RT32024	POWER SYSTEM ANALYSIS	26	15	0
15FE1A0276	RT32025	MANAGEMENT SCIENCE	18	43	3
15FE1A0276	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15FE1A0276	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0276	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
15FE1A0277	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	35	3
15FE1A0277	RT32022	SWITCHGEAR AND PROTECTION	20	59	3
15FE1A0277	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	39	3
15FE1A0277	RT32024	POWER SYSTEM ANALYSIS	19	47	3
15FE1A0277	RT32025	MANAGEMENT SCIENCE	16	36	3
15FE1A0277	RT32026	POWER SEMICONDUCTOR DRIVES	20	54	3
15FE1A0277	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A0277	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15FE1A0278	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	50	3
15FE1A0278	RT32022	SWITCHGEAR AND PROTECTION	23	37	3
15FE1A0278	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	47	3
15FE1A0278	RT32024	POWER SYSTEM ANALYSIS	27	37	3
15FE1A0278	RT32025	MANAGEMENT SCIENCE	19	40	3
15FE1A0278	RT32026	POWER SEMICONDUCTOR DRIVES	22	45	3
15FE1A0278	RT32027	POWER ELECTRONICS LAB	22	46	2
15FE1A0278	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15FE1A0279	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	44	3
15FE1A0279	RT32022	SWITCHGEAR AND PROTECTION	23	37	3
15FE1A0279	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	25	3
15FE1A0279	RT32024	POWER SYSTEM ANALYSIS	23	34	3
15FE1A0279	RT32025	MANAGEMENT SCIENCE	19	36	3
15FE1A0279	RT32026	POWER SEMICONDUCTOR DRIVES	17	43	3
15FE1A0279	RT32027	POWER ELECTRONICS LAB	22	40	2
15FE1A0279	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A0280	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	44	3
15FE1A0280	RT32022	SWITCHGEAR AND PROTECTION	28	50	3
15FE1A0280	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	57	3
15FE1A0280	RT32024	POWER SYSTEM ANALYSIS	28	41	3
15FE1A0280	RT32025	MANAGEMENT SCIENCE	22	47	3
15FE1A0280	RT32026	POWER SEMICONDUCTOR DRIVES	26	45	3
15FE1A0280	RT32027	POWER ELECTRONICS LAB	25	48	2
15FE1A0280	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A0281	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	34	3
15FE1A0281	RT32022	SWITCHGEAR AND PROTECTION	20	37	3
15FE1A0281	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	35	3
15FE1A0281	RT32024	POWER SYSTEM ANALYSIS	19	15	0



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0281	RT32025	MANAGEMENT SCIENCE	18	26	3
15FE1A0281	RT32026	POWER SEMICONDUCTOR DRIVES	16	36	3
15FE1A0281	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0281	RT32028	ELECTRICAL MEASUREMENTS LAB	22	37	2
15FE1A0282	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	53	3
15FE1A0282	RT32022	SWITCHGEAR AND PROTECTION	20	44	3
15FE1A0282	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	61	3
15FE1A0282	RT32024	POWER SYSTEM ANALYSIS	23	36	3
15FE1A0282	RT32025	MANAGEMENT SCIENCE	21	70	3
15FE1A0282	RT32026	POWER SEMICONDUCTOR DRIVES	23	51	3
15FE1A0282	RT32027	POWER ELECTRONICS LAB	23	42	2
15FE1A0282	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15FE1A0283	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	51	3
15FE1A0283	RT32022	SWITCHGEAR AND PROTECTION	22	26	3
15FE1A0283	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	44	3
15FE1A0283	RT32024	POWER SYSTEM ANALYSIS	22	47	3
15FE1A0283	RT32025	MANAGEMENT SCIENCE	22	42	3
15FE1A0283	RT32026	POWER SEMICONDUCTOR DRIVES	22	53	3
15FE1A0283	RT32027	POWER ELECTRONICS LAB	23	45	2
15FE1A0283	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15FE1A0284	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	34	3
15FE1A0284	RT32022	SWITCHGEAR AND PROTECTION	20	33	3
15FE1A0284	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	59	3
15FE1A0284	RT32024	POWER SYSTEM ANALYSIS	20	24	3
15FE1A0284	RT32025	MANAGEMENT SCIENCE	20	40	3
15FE1A0284	RT32026	POWER SEMICONDUCTOR DRIVES	17	36	3
15FE1A0284	RT32027	POWER ELECTRONICS LAB	21	44	2
15FE1A0284	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15FE1A0285	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	34	3
15FE1A0285	RT32022	SWITCHGEAR AND PROTECTION	22	30	3
15FE1A0285	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	35	3
15FE1A0285	RT32024	POWER SYSTEM ANALYSIS	24	34	3
15FE1A0285	RT32025	MANAGEMENT SCIENCE	19	42	3
15FE1A0285	RT32026	POWER SEMICONDUCTOR DRIVES	21	45	3
15FE1A0285	RT32027	POWER ELECTRONICS LAB	21	47	2
15FE1A0285	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A0286	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	59	3
15FE1A0286	RT32022	SWITCHGEAR AND PROTECTION	24	49	3
15FE1A0286	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	69	3
15FE1A0286	RT32024	POWER SYSTEM ANALYSIS	25	56	3
15FE1A0286	RT32025	MANAGEMENT SCIENCE	24	53	3
15FE1A0286	RT32026	POWER SEMICONDUCTOR DRIVES	25	65	3
15FE1A0286	RT32027	POWER ELECTRONICS LAB	24	48	2
15FE1A0286	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A0287	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	63	3
15FE1A0287	RT32022	SWITCHGEAR AND PROTECTION	27	45	3
15FE1A0287	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	66	3
15FE1A0287	RT32024	POWER SYSTEM ANALYSIS	27	51	3
15FE1A0287	RT32025	MANAGEMENT SCIENCE	24	45	3
15FE1A0287	RT32026	POWER SEMICONDUCTOR DRIVES	25	55	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0287	RT32027	POWER ELECTRONICS LAB	25	48	2
15FE1A0287	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A0288	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
15FE1A0288	RT32022	SWITCHGEAR AND PROTECTION	20	15	0
15FE1A0288	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	44	3
15FE1A0288	RT32024	POWER SYSTEM ANALYSIS	20	25	3
15FE1A0288	RT32025	MANAGEMENT SCIENCE	15	30	3
15FE1A0288	RT32026	POWER SEMICONDUCTOR DRIVES	19	36	3
15FE1A0288	RT32027	POWER ELECTRONICS LAB	21	46	2
15FE1A0288	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A0289	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	26	3
15FE1A0289	RT32022	SWITCHGEAR AND PROTECTION	21	40	3
15FE1A0289	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	44	3
15FE1A0289	RT32024	POWER SYSTEM ANALYSIS	20	32	3
15FE1A0289	RT32025	MANAGEMENT SCIENCE	22	42	3
15FE1A0289	RT32026	POWER SEMICONDUCTOR DRIVES	20	44	3
15FE1A0289	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0289	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A0290	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	34	3
15FE1A0290	RT32022	SWITCHGEAR AND PROTECTION	19	27	3
15FE1A0290	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	50	3
15FE1A0290	RT32024	POWER SYSTEM ANALYSIS	20	29	3
15FE1A0290	RT32025	MANAGEMENT SCIENCE	18	44	3
15FE1A0290	RT32026	POWER SEMICONDUCTOR DRIVES	18	33	3
15FE1A0290	RT32027	POWER ELECTRONICS LAB	20	44	2
15FE1A0290	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A0291	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	42	3
15FE1A0291	RT32022	SWITCHGEAR AND PROTECTION	17	36	3
15FE1A0291	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	37	3
15FE1A0291	RT32024	POWER SYSTEM ANALYSIS	18	35	3
15FE1A0291	RT32025	MANAGEMENT SCIENCE	17	12	0
15FE1A0291	RT32026	POWER SEMICONDUCTOR DRIVES	19	34	3
15FE1A0291	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A0291	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15FE1A0292	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	37	3
15FE1A0292	RT32022	SWITCHGEAR AND PROTECTION	20	35	3
15FE1A0292	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	35	3
15FE1A0292	RT32024	POWER SYSTEM ANALYSIS	18	24	3
15FE1A0292	RT32025	MANAGEMENT SCIENCE	18	40	3
15FE1A0292	RT32026	POWER SEMICONDUCTOR DRIVES	18	36	3
15FE1A0292	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0292	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15FE1A0293	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	37	3
15FE1A0293	RT32022	SWITCHGEAR AND PROTECTION	19	37	3
15FE1A0293	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	34	3
15FE1A0293	RT32024	POWER SYSTEM ANALYSIS	21	32	3
15FE1A0293	RT32025	MANAGEMENT SCIENCE	20	27	3
15FE1A0293	RT32026	POWER SEMICONDUCTOR DRIVES	17	43	3
15FE1A0293	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0293	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0294	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
15FE1A0294	RT32022	SWITCHGEAR AND PROTECTION	18	14	0
15FE1A0294	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	26	3
15FE1A0294	RT32024	POWER SYSTEM ANALYSIS	16	8	0
15FE1A0294	RT32025	MANAGEMENT SCIENCE	20	45	3
15FE1A0294	RT32026	POWER SEMICONDUCTOR DRIVES	16	11	0
15FE1A0294	RT32027	POWER ELECTRONICS LAB	20	45	2
15FE1A0294	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15FE1A0295	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	45	3
15FE1A0295	RT32022	SWITCHGEAR AND PROTECTION	19	31	3
15FE1A0295	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	40	3
15FE1A0295	RT32024	POWER SYSTEM ANALYSIS	18	31	3
15FE1A0295	RT32025	MANAGEMENT SCIENCE	24	37	3
15FE1A0295	RT32026	POWER SEMICONDUCTOR DRIVES	20	37	3
15FE1A0295	RT32027	POWER ELECTRONICS LAB	23	45	2
15FE1A0295	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15FE1A0296	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	33	3
15FE1A0296	RT32022	SWITCHGEAR AND PROTECTION	19	34	3
15FE1A0296	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	42	3
15FE1A0296	RT32024	POWER SYSTEM ANALYSIS	18	36	3
15FE1A0296	RT32025	MANAGEMENT SCIENCE	23	40	3
15FE1A0296	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15FE1A0296	RT32027	POWER ELECTRONICS LAB	25	45	2
15FE1A0296	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15FE1A0297	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	38	3
15FE1A0297	RT32022	SWITCHGEAR AND PROTECTION	25	57	3
15FE1A0297	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	45	3
15FE1A0297	RT32024	POWER SYSTEM ANALYSIS	25	44	3
15FE1A0297	RT32025	MANAGEMENT SCIENCE	23	48	3
15FE1A0297	RT32026	POWER SEMICONDUCTOR DRIVES	22	37	3
15FE1A0297	RT32027	POWER ELECTRONICS LAB	24	47	2
15FE1A0297	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A0298	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	42	3
15FE1A0298	RT32022	SWITCHGEAR AND PROTECTION	24	40	3
15FE1A0298	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	57	3
15FE1A0298	RT32024	POWER SYSTEM ANALYSIS	25	33	3
15FE1A0298	RT32025	MANAGEMENT SCIENCE	20	49	3
15FE1A0298	RT32026	POWER SEMICONDUCTOR DRIVES	22	56	3
15FE1A0298	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A0298	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
15FE1A0299	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	51	3
15FE1A0299	RT32022	SWITCHGEAR AND PROTECTION	24	33	3
15FE1A0299	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	44	3
15FE1A0299	RT32024	POWER SYSTEM ANALYSIS	20	43	3
15FE1A0299	RT32025	MANAGEMENT SCIENCE	23	39	3
15FE1A0299	RT32026	POWER SEMICONDUCTOR DRIVES	15	50	3
15FE1A0299	RT32027	POWER ELECTRONICS LAB	22	45	2
15FE1A0299	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15FE1A02A0	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	7	0
15FE1A02A0	RT32022	SWITCHGEAR AND PROTECTION	16	19	0

Htno	Subcode	Subname	Internal	External	Credits
15FE1A02A0	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	11	0
15FE1A02A0	RT32024	POWER SYSTEM ANALYSIS	16	14	0
15FE1A02A0	RT32025	MANAGEMENT SCIENCE	16	27	3
15FE1A02A0	RT32026	POWER SEMICONDUCTOR DRIVES	9	31	3
15FE1A02A0	RT32027	POWER ELECTRONICS LAB	20	42	2
15FE1A02A0	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15FE1A02A1	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	30	3
15FE1A02A1	RT32022	SWITCHGEAR AND PROTECTION	20	40	3
15FE1A02A1	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	32	3
15FE1A02A1	RT32024	POWER SYSTEM ANALYSIS	23	40	3
15FE1A02A1	RT32025	MANAGEMENT SCIENCE	23	40	3
15FE1A02A1	RT32026	POWER SEMICONDUCTOR DRIVES	21	43	3
15FE1A02A1	RT32027	POWER ELECTRONICS LAB	22	44	2
15FE1A02A1	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15FE1A02A2	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	43	3
15FE1A02A2	RT32022	SWITCHGEAR AND PROTECTION	21	28	3
15FE1A02A2	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	46	3
15FE1A02A2	RT32024	POWER SYSTEM ANALYSIS	17	25	3
15FE1A02A2	RT32025	MANAGEMENT SCIENCE	21	36	3
15FE1A02A2	RT32026	POWER SEMICONDUCTOR DRIVES	16	40	3
15FE1A02A2	RT32027	POWER ELECTRONICS LAB	19	44	2
15FE1A02A2	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15FE1A02A3	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	37	3
15FE1A02A3	RT32022	SWITCHGEAR AND PROTECTION	23	34	3
15FE1A02A3	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	43	3
15FE1A02A3	RT32024	POWER SYSTEM ANALYSIS	23	29	3
15FE1A02A3	RT32025	MANAGEMENT SCIENCE	18	57	3
15FE1A02A3	RT32026	POWER SEMICONDUCTOR DRIVES	22	42	3
15FE1A02A3	RT32027	POWER ELECTRONICS LAB	24	46	2
15FE1A02A3	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15FE1A02A4	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	42	3
15FE1A02A4	RT32022	SWITCHGEAR AND PROTECTION	21	35	3
15FE1A02A4	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	38	3
15FE1A02A4	RT32024	POWER SYSTEM ANALYSIS	17	15	0
15FE1A02A4	RT32025	MANAGEMENT SCIENCE	18	12	0
15FE1A02A4	RT32026	POWER SEMICONDUCTOR DRIVES	19	30	3
15FE1A02A4	RT32027	POWER ELECTRONICS LAB	20	46	2
15FE1A02A4	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15FE1A0301	RT32031	OPERATIONS RESEARCH	28	50	3
15FE1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
15FE1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	24	40	3
15FE1A0301	RT32034	ROBOTICS	25	24	3
15FE1A0301	RT32035	HEAT TRANSFER	25	33	3
15FE1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	34	3
15FE1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	26	37	3
15FE1A0301	RT32038	HEAT TRANSFER LAB	24	45	2
15FE1A0302	RT32031	OPERATIONS RESEARCH	19	41	3
15FE1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	31	3
15FE1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	20	42	3
15FE1A0302	RT32034	ROBOTICS	10	48	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0302	RT32035	HEAT TRANSFER	20	36	3
15FE1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
15FE1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	19	26	3
15FE1A0302	RT32038	HEAT TRANSFER LAB	21	40	2
15FE1A0303	RT32031	OPERATIONS RESEARCH	23	44	3
15FE1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
15FE1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	21	36	3
15FE1A0303	RT32034	ROBOTICS	25	51	3
15FE1A0303	RT32035	HEAT TRANSFER	25	24	3
15FE1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	47	3
15FE1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	17	43	3
15FE1A0303	RT32038	HEAT TRANSFER LAB	22	45	2
15FE1A0304	RT32031	OPERATIONS RESEARCH	21	33	3
15FE1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	17	0
15FE1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	23	24	3
15FE1A0304	RT32034	ROBOTICS	26	45	3
15FE1A0304	RT32035	HEAT TRANSFER	26	42	3
15FE1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	43	3
15FE1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	18	26	3
15FE1A0304	RT32038	HEAT TRANSFER LAB	16	38	2
15FE1A0305	RT32031	OPERATIONS RESEARCH	22	56	3
15FE1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
15FE1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	24	53	3
15FE1A0305	RT32034	ROBOTICS	19	39	3
15FE1A0305	RT32035	HEAT TRANSFER	25	39	3
15FE1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	48	3
15FE1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	19	37	3
15FE1A0305	RT32038	HEAT TRANSFER LAB	22	45	2
15FE1A0306	RT32031	OPERATIONS RESEARCH	27	60	3
15FE1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	31	3
15FE1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	23	37	3
15FE1A0306	RT32034	ROBOTICS	21	51	3
15FE1A0306	RT32035	HEAT TRANSFER	26	50	3
15FE1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	37	3
15FE1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3
15FE1A0306	RT32038	HEAT TRANSFER LAB	22	45	2
15FE1A0307	RT32031	OPERATIONS RESEARCH	25	53	3
15FE1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
15FE1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	25	39	3
15FE1A0307	RT32034	ROBOTICS	24	42	3
15FE1A0307	RT32035	HEAT TRANSFER	25	16	0
15FE1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	50	3
15FE1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3
15FE1A0307	RT32038	HEAT TRANSFER LAB	22	36	2
15FE1A0308	RT32031	OPERATIONS RESEARCH	25	29	3
15FE1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
15FE1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	21	45	3
15FE1A0308	RT32034	ROBOTICS	26	50	3
15FE1A0308	RT32035	HEAT TRANSFER	21	41	3
15FE1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	54	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	20	46	3
15FE1A0308	RT32038	HEAT TRANSFER LAB	24	40	2
15FE1A0309	RT32031	OPERATIONS RESEARCH	26	51	3
15FE1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	42	3
15FE1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	27	53	3
15FE1A0309	RT32034	ROBOTICS	27	36	3
15FE1A0309	RT32035	HEAT TRANSFER	29	34	3
15FE1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	48	3
15FE1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	25	49	3
15FE1A0309	RT32038	HEAT TRANSFER LAB	24	46	2
15FE1A0310	RT32031	OPERATIONS RESEARCH	24	57	3
15FE1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	38	3
15FE1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	22	52	3
15FE1A0310	RT32034	ROBOTICS	24	46	3
15FE1A0310	RT32035	HEAT TRANSFER	25	43	3
15FE1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	45	3
15FE1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	18	43	3
15FE1A0310	RT32038	HEAT TRANSFER LAB	21	45	2
15FE1A0311	RT32031	OPERATIONS RESEARCH	23	41	3
15FE1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
15FE1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	20	43	3
15FE1A0311	RT32034	ROBOTICS	19	46	3
15FE1A0311	RT32035	HEAT TRANSFER	25	24	3
15FE1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	40	3
15FE1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	16	31	3
15FE1A0311	RT32038	HEAT TRANSFER LAB	20	43	2
15FE1A0313	RT32031	OPERATIONS RESEARCH	20	24	3
15FE1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
15FE1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	16	11	0
15FE1A0313	RT32034	ROBOTICS	16	34	3
15FE1A0313	RT32035	HEAT TRANSFER	19	29	3
15FE1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	30	3
15FE1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15FE1A0313	RT32038	HEAT TRANSFER LAB	16	33	2
15FE1A0314	RT32031	OPERATIONS RESEARCH	26	47	3
15FE1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15FE1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	23	43	3
15FE1A0314	RT32034	ROBOTICS	23	36	3
15FE1A0314	RT32035	HEAT TRANSFER	26	33	3
15FE1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	52	3
15FE1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	19	35	3
15FE1A0314	RT32038	HEAT TRANSFER LAB	21	38	2
15FE1A0315	RT32031	OPERATIONS RESEARCH	22	48	3
15FE1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	38	3
15FE1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	24	38	3
15FE1A0315	RT32034	ROBOTICS	22	44	3
15FE1A0315	RT32035	HEAT TRANSFER	27	44	3
15FE1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	40	3
15FE1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	18	33	3
15FE1A0315	RT32038	HEAT TRANSFER LAB	19	43	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0316	RT32031	OPERATIONS RESEARCH	17	9	0
15FE1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	5	0
15FE1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	15	5	0
15FE1A0316	RT32034	ROBOTICS	13	22	0
15FE1A0316	RT32035	HEAT TRANSFER	19	7	0
15FE1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	10	0
15FE1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	16	17	0
15FE1A0316	RT32038	HEAT TRANSFER LAB	19	34	2
15FE1A0317	RT32031	OPERATIONS RESEARCH	26	28	3
15FE1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
15FE1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	25	25	3
15FE1A0317	RT32034	ROBOTICS	24	50	3
15FE1A0317	RT32035	HEAT TRANSFER	26	41	3
15FE1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	32	3
15FE1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
15FE1A0317	RT32038	HEAT TRANSFER LAB	20	45	2
15FE1A0318	RT32031	OPERATIONS RESEARCH	20	48	3
15FE1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	36	3
15FE1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	23	47	3
15FE1A0318	RT32034	ROBOTICS	25	38	3
15FE1A0318	RT32035	HEAT TRANSFER	28	37	3
15FE1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
15FE1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	16	48	3
15FE1A0318	RT32038	HEAT TRANSFER LAB	21	43	2
15FE1A0319	RT32031	OPERATIONS RESEARCH	20	36	3
15FE1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	43	3
15FE1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	18	32	3
15FE1A0319	RT32034	ROBOTICS	18	51	3
15FE1A0319	RT32035	HEAT TRANSFER	21	41	3
15FE1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	42	3
15FE1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	16	33	3
15FE1A0319	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0320	RT32031	OPERATIONS RESEARCH	23	28	3
15FE1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
15FE1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	21	42	3
15FE1A0320	RT32034	ROBOTICS	19	37	3
15FE1A0320	RT32035	HEAT TRANSFER	24	28	3
15FE1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	48	3
15FE1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	18	56	3
15FE1A0320	RT32038	HEAT TRANSFER LAB	22	45	2
15FE1A0321	RT32031	OPERATIONS RESEARCH	15	18	0
15FE1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	12	0
15FE1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
15FE1A0321	RT32034	ROBOTICS	17	33	3
15FE1A0321	RT32035	HEAT TRANSFER	21	44	3
15FE1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	29	3
15FE1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15FE1A0321	RT32038	HEAT TRANSFER LAB	20	45	2
15FE1A0322	RT32031	OPERATIONS RESEARCH	20	31	3
15FE1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	32	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	24	52	3
15FE1A0322	RT32034	ROBOTICS	24	38	3
15FE1A0322	RT32035	HEAT TRANSFER	26	34	3
15FE1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	49	3
15FE1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	16	46	3
15FE1A0322	RT32038	HEAT TRANSFER LAB	21	42	2
15FE1A0323	RT32031	OPERATIONS RESEARCH	20	55	3
15FE1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	41	3
15FE1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	19	39	3
15FE1A0323	RT32034	ROBOTICS	19	26	3
15FE1A0323	RT32035	HEAT TRANSFER	23	25	3
15FE1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	44	3
15FE1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	17	33	3
15FE1A0323	RT32038	HEAT TRANSFER LAB	21	36	2
15FE1A0324	RT32031	OPERATIONS RESEARCH	14	10	0
15FE1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	15	0
15FE1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	11	20	0
15FE1A0324	RT32034	ROBOTICS	13	40	3
15FE1A0324	RT32035	HEAT TRANSFER	16	7	0
15FE1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	10	0
15FE1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	14	27	3
15FE1A0324	RT32038	HEAT TRANSFER LAB	17	38	2
15FE1A0325	RT32031	OPERATIONS RESEARCH	19	35	3
15FE1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	10	0
15FE1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
15FE1A0325	RT32034	ROBOTICS	17	29	3
15FE1A0325	RT32035	HEAT TRANSFER	19	29	3
15FE1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	31	3
15FE1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	15	16	0
15FE1A0325	RT32038	HEAT TRANSFER LAB	20	43	2
15FE1A0326	RT32031	OPERATIONS RESEARCH	21	35	3
15FE1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	28	3
15FE1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	20	12	0
15FE1A0326	RT32034	ROBOTICS	18	24	3
15FE1A0326	RT32035	HEAT TRANSFER	22	28	3
15FE1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	32	3
15FE1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	16	30	3
15FE1A0326	RT32038	HEAT TRANSFER LAB	19	41	2
15FE1A0327	RT32031	OPERATIONS RESEARCH	15	35	3
15FE1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	33	3
15FE1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	22	33	3
15FE1A0327	RT32034	ROBOTICS	16	30	3
15FE1A0327	RT32035	HEAT TRANSFER	13	34	3
15FE1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	42	3
15FE1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15FE1A0327	RT32038	HEAT TRANSFER LAB	19	36	2
15FE1A0328	RT32031	OPERATIONS RESEARCH	28	56	3
15FE1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	30	39	3
15FE1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	29	56	3
15FE1A0328	RT32034	ROBOTICS	26	64	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0328	RT32035	HEAT TRANSFER	30	42	3
15FE1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	70	3
15FE1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	25	44	3
15FE1A0328	RT32038	HEAT TRANSFER LAB	24	45	2
15FE1A0329	RT32031	OPERATIONS RESEARCH	24	28	3
15FE1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	27	3
15FE1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	19	33	3
15FE1A0329	RT32034	ROBOTICS	24	55	3
15FE1A0329	RT32035	HEAT TRANSFER	25	50	3
15FE1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	44	3
15FE1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	18	36	3
15FE1A0329	RT32038	HEAT TRANSFER LAB	24	43	2
15FE1A0330	RT32031	OPERATIONS RESEARCH	24	36	3
15FE1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	36	3
15FE1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	21	41	3
15FE1A0330	RT32034	ROBOTICS	19	28	3
15FE1A0330	RT32035	HEAT TRANSFER	26	30	3
15FE1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	53	3
15FE1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	22	37	3
15FE1A0330	RT32038	HEAT TRANSFER LAB	21	37	2
15FE1A0331	RT32031	OPERATIONS RESEARCH	22	49	3
15FE1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	41	3
15FE1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	25	47	3
15FE1A0331	RT32034	ROBOTICS	25	44	3
15FE1A0331	RT32035	HEAT TRANSFER	24	44	3
15FE1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	47	3
15FE1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	20	43	3
15FE1A0331	RT32038	HEAT TRANSFER LAB	23	40	2
15FE1A0332	RT32031	OPERATIONS RESEARCH	27	51	3
15FE1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	41	3
15FE1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	26	37	3
15FE1A0332	RT32034	ROBOTICS	29	41	3
15FE1A0332	RT32035	HEAT TRANSFER	28	34	3
15FE1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	70	3
15FE1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	24	53	3
15FE1A0332	RT32038	HEAT TRANSFER LAB	23	45	2
15FE1A0334	RT32031	OPERATIONS RESEARCH	20	28	3
15FE1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	15	0
15FE1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	17	33	3
15FE1A0334	RT32034	ROBOTICS	17	36	3
15FE1A0334	RT32035	HEAT TRANSFER	21	31	3
15FE1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	34	3
15FE1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	14	44	3
15FE1A0334	RT32038	HEAT TRANSFER LAB	18	38	2
15FE1A0335	RT32031	OPERATIONS RESEARCH	25	35	3
15FE1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15FE1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
15FE1A0335	RT32034	ROBOTICS	24	37	3
15FE1A0335	RT32035	HEAT TRANSFER	24	34	3
15FE1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	46	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	20	32	3
15FE1A0335	RT32038	HEAT TRANSFER LAB	22	35	2
15FE1A0336	RT32031	OPERATIONS RESEARCH	23	60	3
15FE1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	43	3
15FE1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	24	53	3
15FE1A0336	RT32034	ROBOTICS	24	54	3
15FE1A0336	RT32035	HEAT TRANSFER	23	50	3
15FE1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	46	3
15FE1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	25	40	3
15FE1A0336	RT32038	HEAT TRANSFER LAB	21	36	2
15FE1A0337	RT32031	OPERATIONS RESEARCH	21	16	0
15FE1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15FE1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	19	26	3
15FE1A0337	RT32034	ROBOTICS	21	30	3
15FE1A0337	RT32035	HEAT TRANSFER	23	9	0
15FE1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	25	3
15FE1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
15FE1A0337	RT32038	HEAT TRANSFER LAB	23	37	2
15FE1A0338	RT32031	OPERATIONS RESEARCH	22	24	3
15FE1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	18	0
15FE1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	16	49	3
15FE1A0338	RT32034	ROBOTICS	17	40	3
15FE1A0338	RT32035	HEAT TRANSFER	22	44	3
15FE1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	33	3
15FE1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	16	25	3
15FE1A0338	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0339	RT32031	OPERATIONS RESEARCH	20	32	3
15FE1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	33	3
15FE1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	14	30	3
15FE1A0339	RT32034	ROBOTICS	16	29	3
15FE1A0339	RT32035	HEAT TRANSFER	13	28	3
15FE1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	17	0
15FE1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	10	0	0
15FE1A0339	RT32038	HEAT TRANSFER LAB	19	35	2
15FE1A0340	RT32031	OPERATIONS RESEARCH	15	50	3
15FE1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	35	3
15FE1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	16	33	3
15FE1A0340	RT32034	ROBOTICS	17	41	3
15FE1A0340	RT32035	HEAT TRANSFER	18	43	3
15FE1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	28	3
15FE1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	16	40	3
15FE1A0340	RT32038	HEAT TRANSFER LAB	15	41	2
15FE1A0341	RT32031	OPERATIONS RESEARCH	22	17	0
15FE1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	32	3
15FE1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	21	36	3
15FE1A0341	RT32034	ROBOTICS	22	52	3
15FE1A0341	RT32035	HEAT TRANSFER	18	24	3
15FE1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	43	3
15FE1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	16	43	3
15FE1A0341	RT32038	HEAT TRANSFER LAB	19	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0342	RT32031	OPERATIONS RESEARCH	23	28	3
15FE1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	26	3
15FE1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	23	36	3
15FE1A0342	RT32034	ROBOTICS	22	41	3
15FE1A0342	RT32035	HEAT TRANSFER	20	31	3
15FE1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	29	3
15FE1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	22	51	3
15FE1A0342	RT32038	HEAT TRANSFER LAB	24	42	2
15FE1A0343	RT32031	OPERATIONS RESEARCH	19	36	3
15FE1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15FE1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	18	45	3
15FE1A0343	RT32034	ROBOTICS	20	37	3
15FE1A0343	RT32035	HEAT TRANSFER	22	44	3
15FE1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	43	3
15FE1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	15	36	3
15FE1A0343	RT32038	HEAT TRANSFER LAB	20	42	2
15FE1A0344	RT32031	OPERATIONS RESEARCH	25	59	3
15FE1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	39	3
15FE1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	24	27	3
15FE1A0344	RT32034	ROBOTICS	25	46	3
15FE1A0344	RT32035	HEAT TRANSFER	27	50	3
15FE1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	40	3
15FE1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	23	43	3
15FE1A0344	RT32038	HEAT TRANSFER LAB	23	45	2
15FE1A0346	RT32031	OPERATIONS RESEARCH	24	41	3
15FE1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
15FE1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	25	31	3
15FE1A0346	RT32034	ROBOTICS	25	35	3
15FE1A0346	RT32035	HEAT TRANSFER	25	24	3
15FE1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	51	3
15FE1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	18	31	3
15FE1A0346	RT32038	HEAT TRANSFER LAB	22	45	2
15FE1A0347	RT32031	OPERATIONS RESEARCH	24	44	3
15FE1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	26	3
15FE1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	26	45	3
15FE1A0347	RT32034	ROBOTICS	27	53	3
15FE1A0347	RT32035	HEAT TRANSFER	29	35	3
15FE1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	38	3
15FE1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	21	45	3
15FE1A0347	RT32038	HEAT TRANSFER LAB	23	45	2
15FE1A0348	RT32031	OPERATIONS RESEARCH	26	43	3
15FE1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
15FE1A0348	RT32033	DESIGN OF MACHINE MEMBERS II	26	44	3
15FE1A0348	RT32034	ROBOTICS	26	40	3
15FE1A0348	RT32035	HEAT TRANSFER	30	50	3
15FE1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	68	3
15FE1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	20	37	3
15FE1A0348	RT32038	HEAT TRANSFER LAB	24	45	2
15FE1A0349	RT32031	OPERATIONS RESEARCH	23	54	3
15FE1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	50	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	22	51	3
15FE1A0349	RT32034	ROBOTICS	28	54	3
15FE1A0349	RT32035	HEAT TRANSFER	24	48	3
15FE1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	46	3
15FE1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	21	42	3
15FE1A0349	RT32038	HEAT TRANSFER LAB	24	42	2
15FE1A0350	RT32031	OPERATIONS RESEARCH	19	28	3
15FE1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
15FE1A0350	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
15FE1A0350	RT32034	ROBOTICS	17	34	3
15FE1A0350	RT32035	HEAT TRANSFER	25	8	0
15FE1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	44	3
15FE1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	22	33	3
15FE1A0350	RT32038	HEAT TRANSFER LAB	22	42	2
15FE1A0351	RT32031	OPERATIONS RESEARCH	18	30	3
15FE1A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
15FE1A0351	RT32033	DESIGN OF MACHINE MEMBERS II	18	42	3
15FE1A0351	RT32034	ROBOTICS	15	33	3
15FE1A0351	RT32035	HEAT TRANSFER	22	29	3
15FE1A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	40	3
15FE1A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	17	37	3
15FE1A0351	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A0352	RT32031	OPERATIONS RESEARCH	24	46	3
15FE1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	28	3
15FE1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	26	39	3
15FE1A0352	RT32034	ROBOTICS	28	29	3
15FE1A0352	RT32035	HEAT TRANSFER	26	44	3
15FE1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	44	3
15FE1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	21	55	3
15FE1A0352	RT32038	HEAT TRANSFER LAB	24	46	2
15FE1A0354	RT32031	OPERATIONS RESEARCH	15	8	0
15FE1A0354	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	26	3
15FE1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	17	34	3
15FE1A0354	RT32034	ROBOTICS	18	39	3
15FE1A0354	RT32035	HEAT TRANSFER	17	24	3
15FE1A0354	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	35	3
15FE1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	16	17	0
15FE1A0354	RT32038	HEAT TRANSFER LAB	20	30	2
15FE1A0355	RT32031	OPERATIONS RESEARCH	22	27	3
15FE1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
15FE1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	21	31	3
15FE1A0355	RT32034	ROBOTICS	19	36	3
15FE1A0355	RT32035	HEAT TRANSFER	27	24	3
15FE1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	39	3
15FE1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	16	35	3
15FE1A0355	RT32038	HEAT TRANSFER LAB	18	35	2
15FE1A0356	RT32031	OPERATIONS RESEARCH	26	57	3
15FE1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	46	3
15FE1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	27	59	3
15FE1A0356	RT32034	ROBOTICS	27	66	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0356	RT32035	HEAT TRANSFER	30	42	3
15FE1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	50	3
15FE1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	25	51	3
15FE1A0356	RT32038	HEAT TRANSFER LAB	25	48	2
15FE1A0357	RT32031	OPERATIONS RESEARCH	23	45	3
15FE1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	37	3
15FE1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	19	42	3
15FE1A0357	RT32034	ROBOTICS	22	40	3
15FE1A0357	RT32035	HEAT TRANSFER	24	49	3
15FE1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	48	3
15FE1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	20	45	3
15FE1A0357	RT32038	HEAT TRANSFER LAB	20	40	2
15FE1A0358	RT32031	OPERATIONS RESEARCH	27	29	3
15FE1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	44	3
15FE1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	28	52	3
15FE1A0358	RT32034	ROBOTICS	27	55	3
15FE1A0358	RT32035	HEAT TRANSFER	30	45	3
15FE1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	47	3
15FE1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	24	47	3
15FE1A0358	RT32038	HEAT TRANSFER LAB	25	48	2
15FE1A0359	RT32031	OPERATIONS RESEARCH	17	7	0
15FE1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	28	3
15FE1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	17	34	3
15FE1A0359	RT32034	ROBOTICS	21	45	3
15FE1A0359	RT32035	HEAT TRANSFER	19	9	0
15FE1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	14	0
15FE1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	16	5	0
15FE1A0359	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0360	RT32031	OPERATIONS RESEARCH	28	60	3
15FE1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	32	3
15FE1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	28	57	3
15FE1A0360	RT32034	ROBOTICS	30	60	3
15FE1A0360	RT32035	HEAT TRANSFER	30	32	3
15FE1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	61	3
15FE1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	21	59	3
15FE1A0360	RT32038	HEAT TRANSFER LAB	25	48	2
15FE1A0361	RT32031	OPERATIONS RESEARCH	24	46	3
15FE1A0361	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15FE1A0361	RT32033	DESIGN OF MACHINE MEMBERS II	16	41	3
15FE1A0361	RT32034	ROBOTICS	19	26	3
15FE1A0361	RT32035	HEAT TRANSFER	21	33	3
15FE1A0361	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	31	3
15FE1A0361	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
15FE1A0361	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0362	RT32031	OPERATIONS RESEARCH	27	49	3
15FE1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	39	3
15FE1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	29	48	3
15FE1A0362	RT32034	ROBOTICS	26	49	3
15FE1A0362	RT32035	HEAT TRANSFER	28	39	3
15FE1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	56	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	19	33	3
15FE1A0362	RT32038	HEAT TRANSFER LAB	22	46	2
15FE1A0363	RT32031	OPERATIONS RESEARCH	26	27	3
15FE1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	26	3
15FE1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	26	29	3
15FE1A0363	RT32034	ROBOTICS	23	38	3
15FE1A0363	RT32035	HEAT TRANSFER	21	24	3
15FE1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	46	3
15FE1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	16	44	3
15FE1A0363	RT32038	HEAT TRANSFER LAB	18	41	2
15FE1A0364	RT32031	OPERATIONS RESEARCH	19	39	3
15FE1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	5	0
15FE1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	19	42	3
15FE1A0364	RT32034	ROBOTICS	23	49	3
15FE1A0364	RT32035	HEAT TRANSFER	25	24	3
15FE1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	28	3
15FE1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	16	37	3
15FE1A0364	RT32038	HEAT TRANSFER LAB	24	44	2
15FE1A0365	RT32031	OPERATIONS RESEARCH	23	45	3
15FE1A0365	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
15FE1A0365	RT32033	DESIGN OF MACHINE MEMBERS II	18	34	3
15FE1A0365	RT32034	ROBOTICS	20	26	3
15FE1A0365	RT32035	HEAT TRANSFER	20	44	3
15FE1A0365	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	48	3
15FE1A0365	RT32037A	REFRIGERATION & AIR CONDITIONING	16	36	3
15FE1A0365	RT32038	HEAT TRANSFER LAB	18	25	2
15FE1A0367	RT32031	OPERATIONS RESEARCH	11	29	3
15FE1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
15FE1A0367	RT32033	DESIGN OF MACHINE MEMBERS II	11	37	3
15FE1A0367	RT32034	ROBOTICS	20	42	3
15FE1A0367	RT32035	HEAT TRANSFER	19	24	3
15FE1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	33	3
15FE1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15FE1A0367	RT32038	HEAT TRANSFER LAB	18	39	2
15FE1A0368	RT32031	OPERATIONS RESEARCH	24	28	3
15FE1A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
15FE1A0368	RT32033	DESIGN OF MACHINE MEMBERS II	26	32	3
15FE1A0368	RT32034	ROBOTICS	24	45	3
15FE1A0368	RT32035	HEAT TRANSFER	23	9	0
15FE1A0368	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	44	3
15FE1A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	16	45	3
15FE1A0368	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A0369	RT32031	OPERATIONS RESEARCH	23	46	3
15FE1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	24	3
15FE1A0369	RT32033	DESIGN OF MACHINE MEMBERS II	24	41	3
15FE1A0369	RT32034	ROBOTICS	21	36	3
15FE1A0369	RT32035	HEAT TRANSFER	28	36	3
15FE1A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	47	3
15FE1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	16	50	3
15FE1A0369	RT32038	HEAT TRANSFER LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0371	RT32031	OPERATIONS RESEARCH	21	35	3
15FE1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	35	3
15FE1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	17	45	3
15FE1A0371	RT32034	ROBOTICS	16	34	3
15FE1A0371	RT32035	HEAT TRANSFER	17	24	3
15FE1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	42	3
15FE1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
15FE1A0371	RT32038	HEAT TRANSFER LAB	24	43	2
15FE1A0372	RT32031	OPERATIONS RESEARCH	25	43	3
15FE1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	35	3
15FE1A0372	RT32033	DESIGN OF MACHINE MEMBERS II	26	46	3
15FE1A0372	RT32034	ROBOTICS	29	48	3
15FE1A0372	RT32035	HEAT TRANSFER	27	51	3
15FE1A0372	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	52	3
15FE1A0372	RT32037A	REFRIGERATION & AIR CONDITIONING	18	35	3
15FE1A0372	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0373	RT32031	OPERATIONS RESEARCH	24	45	3
15FE1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	29	3
15FE1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	19	37	3
15FE1A0373	RT32034	ROBOTICS	25	45	3
15FE1A0373	RT32035	HEAT TRANSFER	23	40	3
15FE1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	43	3
15FE1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	16	32	3
15FE1A0373	RT32038	HEAT TRANSFER LAB	20	44	2
15FE1A0374	RT32031	OPERATIONS RESEARCH	24	38	3
15FE1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	25	3
15FE1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	26	34	3
15FE1A0374	RT32034	ROBOTICS	22	47	3
15FE1A0374	RT32035	HEAT TRANSFER	25	40	3
15FE1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	51	3
15FE1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	21	47	3
15FE1A0374	RT32038	HEAT TRANSFER LAB	22	47	2
15FE1A0375	RT32031	OPERATIONS RESEARCH	21	30	3
15FE1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	31	3
15FE1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	18	40	3
15FE1A0375	RT32034	ROBOTICS	17	24	3
15FE1A0375	RT32035	HEAT TRANSFER	23	27	3
15FE1A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	45	3
15FE1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	16	42	3
15FE1A0375	RT32038	HEAT TRANSFER LAB	20	41	2
15FE1A0376	RT32031	OPERATIONS RESEARCH	16	38	3
15FE1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	27	3
15FE1A0376	RT32033	DESIGN OF MACHINE MEMBERS II	20	37	3
15FE1A0376	RT32034	ROBOTICS	18	48	3
15FE1A0376	RT32035	HEAT TRANSFER	20	34	3
15FE1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	27	3
15FE1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15FE1A0376	RT32038	HEAT TRANSFER LAB	20	39	2
15FE1A0377	RT32031	OPERATIONS RESEARCH	14	20	0
15FE1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	10	0

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	19	12	0
15FE1A0377	RT32034	ROBOTICS	14	27	3
15FE1A0377	RT32035	HEAT TRANSFER	19	8	0
15FE1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
15FE1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	9	12	0
15FE1A0377	RT32038	HEAT TRANSFER LAB	18	38	2
15FE1A0378	RT32031	OPERATIONS RESEARCH	25	29	3
15FE1A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15FE1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	26	38	3
15FE1A0378	RT32034	ROBOTICS	29	44	3
15FE1A0378	RT32035	HEAT TRANSFER	27	38	3
15FE1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	47	3
15FE1A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	19	46	3
15FE1A0378	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A0379	RT32031	OPERATIONS RESEARCH	16	29	3
15FE1A0379	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	36	3
15FE1A0379	RT32033	DESIGN OF MACHINE MEMBERS II	18	39	3
15FE1A0379	RT32034	ROBOTICS	17	30	3
15FE1A0379	RT32035	HEAT TRANSFER	18	28	3
15FE1A0379	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	33	3
15FE1A0379	RT32037A	REFRIGERATION & AIR CONDITIONING	16	9	0
15FE1A0379	RT32038	HEAT TRANSFER LAB	21	38	2
15FE1A0380	RT32031	OPERATIONS RESEARCH	25	50	3
15FE1A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	27	3
15FE1A0380	RT32033	DESIGN OF MACHINE MEMBERS II	23	45	3
15FE1A0380	RT32034	ROBOTICS	24	42	3
15FE1A0380	RT32035	HEAT TRANSFER	23	44	3
15FE1A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	37	3
15FE1A0380	RT32037A	REFRIGERATION & AIR CONDITIONING	16	34	3
15FE1A0380	RT32038	HEAT TRANSFER LAB	20	42	2
15FE1A0381	RT32031	OPERATIONS RESEARCH	21	24	3
15FE1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	27	3
15FE1A0381	RT32033	DESIGN OF MACHINE MEMBERS II	22	31	3
15FE1A0381	RT32034	ROBOTICS	20	35	3
15FE1A0381	RT32035	HEAT TRANSFER	22	8	0
15FE1A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	34	3
15FE1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	19	37	3
15FE1A0381	RT32038	HEAT TRANSFER LAB	19	40	2
15FE1A0382	RT32031	OPERATIONS RESEARCH	19	43	3
15FE1A0382	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15FE1A0382	RT32033	DESIGN OF MACHINE MEMBERS II	17	34	3
15FE1A0382	RT32034	ROBOTICS	20	54	3
15FE1A0382	RT32035	HEAT TRANSFER	24	31	3
15FE1A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	32	3
15FE1A0382	RT32037A	REFRIGERATION & AIR CONDITIONING	15	48	3
15FE1A0382	RT32038	HEAT TRANSFER LAB	23	41	2
15FE1A0383	RT32031	OPERATIONS RESEARCH	22	38	3
15FE1A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
15FE1A0383	RT32033	DESIGN OF MACHINE MEMBERS II	20	42	3
15FE1A0383	RT32034	ROBOTICS	22	35	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0383	RT32035	HEAT TRANSFER	26	36	3
15FE1A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	52	3
15FE1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	16	48	3
15FE1A0383	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0385	RT32031	OPERATIONS RESEARCH	20	52	3
15FE1A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
15FE1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	19	27	3
15FE1A0385	RT32034	ROBOTICS	24	41	3
15FE1A0385	RT32035	HEAT TRANSFER	23	28	3
15FE1A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	28	3
15FE1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	17	35	3
15FE1A0385	RT32038	HEAT TRANSFER LAB	21	40	2
15FE1A0386	RT32031	OPERATIONS RESEARCH	22	59	3
15FE1A0386	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	42	3
15FE1A0386	RT32033	DESIGN OF MACHINE MEMBERS II	22	34	3
15FE1A0386	RT32034	ROBOTICS	24	55	3
15FE1A0386	RT32035	HEAT TRANSFER	27	38	3
15FE1A0386	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	33	3
15FE1A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	18	55	3
15FE1A0386	RT32038	HEAT TRANSFER LAB	20	35	2
15FE1A0387	RT32031	OPERATIONS RESEARCH	17	19	0
15FE1A0387	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
15FE1A0387	RT32033	DESIGN OF MACHINE MEMBERS II	16	30	3
15FE1A0387	RT32034	ROBOTICS	18	36	3
15FE1A0387	RT32035	HEAT TRANSFER	22	28	3
15FE1A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	44	3
15FE1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	16	34	3
15FE1A0387	RT32038	HEAT TRANSFER LAB	18	25	2
15FE1A0388	RT32031	OPERATIONS RESEARCH	27	41	3
15FE1A0388	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
15FE1A0388	RT32033	DESIGN OF MACHINE MEMBERS II	26	36	3
15FE1A0388	RT32034	ROBOTICS	25	30	3
15FE1A0388	RT32035	HEAT TRANSFER	28	42	3
15FE1A0388	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	51	3
15FE1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	21	53	3
15FE1A0388	RT32038	HEAT TRANSFER LAB	25	48	2
15FE1A0389	RT32031	OPERATIONS RESEARCH	17	41	3
15FE1A0389	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
15FE1A0389	RT32033	DESIGN OF MACHINE MEMBERS II	21	40	3
15FE1A0389	RT32034	ROBOTICS	18	46	3
15FE1A0389	RT32035	HEAT TRANSFER	19	51	3
15FE1A0389	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
15FE1A0389	RT32037A	REFRIGERATION & AIR CONDITIONING	17	44	3
15FE1A0389	RT32038	HEAT TRANSFER LAB	19	41	2
15FE1A0390	RT32031	OPERATIONS RESEARCH	25	60	3
15FE1A0390	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	45	3
15FE1A0390	RT32033	DESIGN OF MACHINE MEMBERS II	25	36	3
15FE1A0390	RT32034	ROBOTICS	26	54	3
15FE1A0390	RT32035	HEAT TRANSFER	26	34	3
15FE1A0390	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	62	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	16	56	3
15FE1A0390	RT32038	HEAT TRANSFER LAB	25	48	2
15FE1A0391	RT32031	OPERATIONS RESEARCH	25	36	3
15FE1A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	16	0
15FE1A0391	RT32033	DESIGN OF MACHINE MEMBERS II	26	47	3
15FE1A0391	RT32034	ROBOTICS	22	36	3
15FE1A0391	RT32035	HEAT TRANSFER	26	29	3
15FE1A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	40	3
15FE1A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	16	44	3
15FE1A0391	RT32038	HEAT TRANSFER LAB	19	40	2
15FE1A0393	RT32031	OPERATIONS RESEARCH	21	32	3
15FE1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	30	3
15FE1A0393	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
15FE1A0393	RT32034	ROBOTICS	17	12	0
15FE1A0393	RT32035	HEAT TRANSFER	21	24	3
15FE1A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	38	3
15FE1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	13	15	0
15FE1A0393	RT32038	HEAT TRANSFER LAB	17	25	2
15FE1A0394	RT32031	OPERATIONS RESEARCH	21	36	3
15FE1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	36	3
15FE1A0394	RT32033	DESIGN OF MACHINE MEMBERS II	21	36	3
15FE1A0394	RT32034	ROBOTICS	20	48	3
15FE1A0394	RT32035	HEAT TRANSFER	20	43	3
15FE1A0394	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	32	3
15FE1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	16	36	3
15FE1A0394	RT32038	HEAT TRANSFER LAB	19	42	2
15FE1A0395	RT32031	OPERATIONS RESEARCH	20	38	3
15FE1A0395	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	32	3
15FE1A0395	RT32033	DESIGN OF MACHINE MEMBERS II	22	27	3
15FE1A0395	RT32034	ROBOTICS	20	39	3
15FE1A0395	RT32035	HEAT TRANSFER	23	13	0
15FE1A0395	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	37	3
15FE1A0395	RT32037A	REFRIGERATION & AIR CONDITIONING	17	48	3
15FE1A0395	RT32038	HEAT TRANSFER LAB	22	40	2
15FE1A0396	RT32031	OPERATIONS RESEARCH	24	40	3
15FE1A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	17	0
15FE1A0396	RT32033	DESIGN OF MACHINE MEMBERS II	27	43	3
15FE1A0396	RT32034	ROBOTICS	27	29	3
15FE1A0396	RT32035	HEAT TRANSFER	24	34	3
15FE1A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	57	3
15FE1A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	18	47	3
15FE1A0396	RT32038	HEAT TRANSFER LAB	21	46	2
15FE1A0398	RT32031	OPERATIONS RESEARCH	27	49	3
15FE1A0398	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
15FE1A0398	RT32033	DESIGN OF MACHINE MEMBERS II	26	46	3
15FE1A0398	RT32034	ROBOTICS	23	48	3
15FE1A0398	RT32035	HEAT TRANSFER	25	43	3
15FE1A0398	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	52	3
15FE1A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	20	41	3
15FE1A0398	RT32038	HEAT TRANSFER LAB	19	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0399	RT32031	OPERATIONS RESEARCH	11	14	0
15FE1A0399	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	18	0
15FE1A0399	RT32033	DESIGN OF MACHINE MEMBERS II	13	7	0
15FE1A0399	RT32034	ROBOTICS	12	10	0
15FE1A0399	RT32035	HEAT TRANSFER	16	13	0
15FE1A0399	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	11	24	0
15FE1A0399	RT32037A	REFRIGERATION & AIR CONDITIONING	16	11	0
15FE1A0399	RT32038	HEAT TRANSFER LAB	17	25	2
15FE1A03A0	RT32031	OPERATIONS RESEARCH	20	19	0
15FE1A03A0	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	33	3
15FE1A03A0	RT32033	DESIGN OF MACHINE MEMBERS II	17	32	3
15FE1A03A0	RT32034	ROBOTICS	16	24	3
15FE1A03A0	RT32035	HEAT TRANSFER	21	12	0
15FE1A03A0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	32	3
15FE1A03A0	RT32037A	REFRIGERATION & AIR CONDITIONING	12	34	3
15FE1A03A0	RT32038	HEAT TRANSFER LAB	17	37	2
15FE1A03A1	RT32031	OPERATIONS RESEARCH	28	47	3
15FE1A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	24	3
15FE1A03A1	RT32033	DESIGN OF MACHINE MEMBERS II	27	45	3
15FE1A03A1	RT32034	ROBOTICS	22	30	3
15FE1A03A1	RT32035	HEAT TRANSFER	26	38	3
15FE1A03A1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	45	3
15FE1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	22	51	3
15FE1A03A1	RT32038	HEAT TRANSFER LAB	22	42	2
15FE1A03A2	RT32031	OPERATIONS RESEARCH	25	38	3
15FE1A03A2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
15FE1A03A2	RT32033	DESIGN OF MACHINE MEMBERS II	24	29	3
15FE1A03A2	RT32034	ROBOTICS	23	43	3
15FE1A03A2	RT32035	HEAT TRANSFER	26	39	3
15FE1A03A2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	53	3
15FE1A03A2	RT32037A	REFRIGERATION & AIR CONDITIONING	17	51	3
15FE1A03A2	RT32038	HEAT TRANSFER LAB	21	41	2
15FE1A03A3	RT32031	OPERATIONS RESEARCH	24	57	3
15FE1A03A3	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	51	3
15FE1A03A3	RT32033	DESIGN OF MACHINE MEMBERS II	21	59	3
15FE1A03A3	RT32034	ROBOTICS	22	37	3
15FE1A03A3	RT32035	HEAT TRANSFER	23	49	3
15FE1A03A3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	46	3
15FE1A03A3	RT32037A	REFRIGERATION & AIR CONDITIONING	25	38	3
15FE1A03A3	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03A4	RT32031	OPERATIONS RESEARCH	22	51	3
15FE1A03A4	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	42	3
15FE1A03A4	RT32033	DESIGN OF MACHINE MEMBERS II	21	31	3
15FE1A03A4	RT32034	ROBOTICS	18	34	3
15FE1A03A4	RT32035	HEAT TRANSFER	24	27	3
15FE1A03A4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	35	3
15FE1A03A4	RT32037A	REFRIGERATION & AIR CONDITIONING	19	43	3
15FE1A03A4	RT32038	HEAT TRANSFER LAB	18	41	2
15FE1A03A5	RT32031	OPERATIONS RESEARCH	26	28	3
15FE1A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	26	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03A5	RT32033	DESIGN OF MACHINE MEMBERS II	23	59	3
15FE1A03A5	RT32034	ROBOTICS	27	50	3
15FE1A03A5	RT32035	HEAT TRANSFER	27	38	3
15FE1A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	50	3
15FE1A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	21	54	3
15FE1A03A5	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03A6	RT32031	OPERATIONS RESEARCH	26	49	3
15FE1A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	48	3
15FE1A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	27	43	3
15FE1A03A6	RT32034	ROBOTICS	29	54	3
15FE1A03A6	RT32035	HEAT TRANSFER	28	48	3
15FE1A03A6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	51	3
15FE1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	25	48	3
15FE1A03A6	RT32038	HEAT TRANSFER LAB	22	44	2
15FE1A03A8	RT32031	OPERATIONS RESEARCH	26	44	3
15FE1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
15FE1A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	22	46	3
15FE1A03A8	RT32034	ROBOTICS	20	31	3
15FE1A03A8	RT32035	HEAT TRANSFER	25	40	3
15FE1A03A8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	42	3
15FE1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	21	36	3
15FE1A03A8	RT32038	HEAT TRANSFER LAB	21	38	2
15FE1A03A9	RT32031	OPERATIONS RESEARCH	24	41	3
15FE1A03A9	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	42	3
15FE1A03A9	RT32033	DESIGN OF MACHINE MEMBERS II	23	31	3
15FE1A03A9	RT32034	ROBOTICS	17	25	3
15FE1A03A9	RT32035	HEAT TRANSFER	21	14	0
15FE1A03A9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	24	3
15FE1A03A9	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3
15FE1A03A9	RT32038	HEAT TRANSFER LAB	19	35	2
15FE1A03B0	RT32031	OPERATIONS RESEARCH	28	51	3
15FE1A03B0	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	31	3
15FE1A03B0	RT32033	DESIGN OF MACHINE MEMBERS II	26	57	3
15FE1A03B0	RT32034	ROBOTICS	19	45	3
15FE1A03B0	RT32035	HEAT TRANSFER	28	35	3
15FE1A03B0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	50	3
15FE1A03B0	RT32037A	REFRIGERATION & AIR CONDITIONING	23	52	3
15FE1A03B0	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03B2	RT32031	OPERATIONS RESEARCH	27	51	3
15FE1A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	43	3
15FE1A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	25	52	3
15FE1A03B2	RT32034	ROBOTICS	27	51	3
15FE1A03B2	RT32035	HEAT TRANSFER	28	49	3
15FE1A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	43	3
15FE1A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	25	52	3
15FE1A03B2	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03B4	RT32031	OPERATIONS RESEARCH	23	50	3
15FE1A03B4	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	45	3
15FE1A03B4	RT32033	DESIGN OF MACHINE MEMBERS II	21	46	3
15FE1A03B4	RT32034	ROBOTICS	16	33	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03B4	RT32035	HEAT TRANSFER	18	41	3
15FE1A03B4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	44	3
15FE1A03B4	RT32037A	REFRIGERATION & AIR CONDITIONING	11	39	3
15FE1A03B4	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03B5	RT32031	OPERATIONS RESEARCH	22	24	3
15FE1A03B5	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	34	3
15FE1A03B5	RT32033	DESIGN OF MACHINE MEMBERS II	17	30	3
15FE1A03B5	RT32034	ROBOTICS	19	32	3
15FE1A03B5	RT32035	HEAT TRANSFER	24	19	0
15FE1A03B5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	47	3
15FE1A03B5	RT32037A	REFRIGERATION & AIR CONDITIONING	19	33	3
15FE1A03B5	RT32038	HEAT TRANSFER LAB	18	35	2
15FE1A03B6	RT32031	OPERATIONS RESEARCH	23	51	3
15FE1A03B6	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	26	3
15FE1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
15FE1A03B6	RT32034	ROBOTICS	20	35	3
15FE1A03B6	RT32035	HEAT TRANSFER	25	46	3
15FE1A03B6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	49	3
15FE1A03B6	RT32037A	REFRIGERATION & AIR CONDITIONING	22	44	3
15FE1A03B6	RT32038	HEAT TRANSFER LAB	19	40	2
15FE1A03B7	RT32031	OPERATIONS RESEARCH	20	45	3
15FE1A03B7	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	30	3
15FE1A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	20	43	3
15FE1A03B7	RT32034	ROBOTICS	23	52	3
15FE1A03B7	RT32035	HEAT TRANSFER	23	33	3
15FE1A03B7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	51	3
15FE1A03B7	RT32037A	REFRIGERATION & AIR CONDITIONING	19	44	3
15FE1A03B7	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03B8	RT32031	OPERATIONS RESEARCH	24	46	3
15FE1A03B8	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
15FE1A03B8	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
15FE1A03B8	RT32034	ROBOTICS	24	32	3
15FE1A03B8	RT32035	HEAT TRANSFER	26	44	3
15FE1A03B8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
15FE1A03B8	RT32037A	REFRIGERATION & AIR CONDITIONING	17	31	3
15FE1A03B8	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03B9	RT32031	OPERATIONS RESEARCH	26	28	3
15FE1A03B9	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	46	3
15FE1A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	22	34	3
15FE1A03B9	RT32034	ROBOTICS	27	31	3
15FE1A03B9	RT32035	HEAT TRANSFER	26	14	0
15FE1A03B9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	59	3
15FE1A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	19	44	3
15FE1A03B9	RT32038	HEAT TRANSFER LAB	20	40	2
15FE1A03C0	RT32031	OPERATIONS RESEARCH	25	48	3
15FE1A03C0	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	25	3
15FE1A03C0	RT32033	DESIGN OF MACHINE MEMBERS II	20	45	3
15FE1A03C0	RT32034	ROBOTICS	21	58	3
15FE1A03C0	RT32035	HEAT TRANSFER	22	47	3
15FE1A03C0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	44	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03C0	RT32037A	REFRIGERATION & AIR CONDITIONING	21	56	3
15FE1A03C0	RT32038	HEAT TRANSFER LAB	19	40	2
15FE1A03C1	RT32031	OPERATIONS RESEARCH	16	24	3
15FE1A03C1	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	9	0
15FE1A03C1	RT32033	DESIGN OF MACHINE MEMBERS II	14	0	0
15FE1A03C1	RT32034	ROBOTICS	17	22	0
15FE1A03C1	RT32035	HEAT TRANSFER	22	19	0
15FE1A03C1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	14	0
15FE1A03C1	RT32037A	REFRIGERATION & AIR CONDITIONING	16	5	0
15FE1A03C1	RT32038	HEAT TRANSFER LAB	18	38	2
15FE1A03C2	RT32031	OPERATIONS RESEARCH	26	65	3
15FE1A03C2	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	54	3
15FE1A03C2	RT32033	DESIGN OF MACHINE MEMBERS II	25	57	3
15FE1A03C2	RT32034	ROBOTICS	27	27	3
15FE1A03C2	RT32035	HEAT TRANSFER	29	68	3
15FE1A03C2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	41	3
15FE1A03C2	RT32037A	REFRIGERATION & AIR CONDITIONING	18	42	3
15FE1A03C2	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03C3	RT32031	OPERATIONS RESEARCH	17	35	3
15FE1A03C3	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	31	3
15FE1A03C3	RT32033	DESIGN OF MACHINE MEMBERS II	17	32	3
15FE1A03C3	RT32034	ROBOTICS	21	28	3
15FE1A03C3	RT32035	HEAT TRANSFER	23	34	3
15FE1A03C3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	48	3
15FE1A03C3	RT32037A	REFRIGERATION & AIR CONDITIONING	14	54	3
15FE1A03C3	RT32038	HEAT TRANSFER LAB	19	33	2
15FE1A03C4	RT32031	OPERATIONS RESEARCH	26	45	3
15FE1A03C4	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	38	3
15FE1A03C4	RT32033	DESIGN OF MACHINE MEMBERS II	25	56	3
15FE1A03C4	RT32034	ROBOTICS	30	55	3
15FE1A03C4	RT32035	HEAT TRANSFER	30	43	3
15FE1A03C4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	62	3
15FE1A03C4	RT32037A	REFRIGERATION & AIR CONDITIONING	20	56	3
15FE1A03C4	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03C5	RT32031	OPERATIONS RESEARCH	14	26	3
15FE1A03C5	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	25	3
15FE1A03C5	RT32033	DESIGN OF MACHINE MEMBERS II	14	9	0
15FE1A03C5	RT32034	ROBOTICS	17	9	0
15FE1A03C5	RT32035	HEAT TRANSFER	17	24	3
15FE1A03C5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	11	0
15FE1A03C5	RT32037A	REFRIGERATION & AIR CONDITIONING	16	4	0
15FE1A03C5	RT32038	HEAT TRANSFER LAB	18	27	2
15FE1A03C6	RT32031	OPERATIONS RESEARCH	26	60	3
15FE1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
15FE1A03C6	RT32033	DESIGN OF MACHINE MEMBERS II	26	47	3
15FE1A03C6	RT32034	ROBOTICS	23	55	3
15FE1A03C6	RT32035	HEAT TRANSFER	23	51	3
15FE1A03C6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
15FE1A03C6	RT32037A	REFRIGERATION & AIR CONDITIONING	18	39	3
15FE1A03C6	RT32038	HEAT TRANSFER LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03C7	RT32031	OPERATIONS RESEARCH	22	27	3
15FE1A03C7	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
15FE1A03C7	RT32033	DESIGN OF MACHINE MEMBERS II	23	36	3
15FE1A03C7	RT32034	ROBOTICS	22	38	3
15FE1A03C7	RT32035	HEAT TRANSFER	21	24	3
15FE1A03C7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	43	3
15FE1A03C7	RT32037A	REFRIGERATION & AIR CONDITIONING	19	43	3
15FE1A03C7	RT32038	HEAT TRANSFER LAB	20	40	2
15FE1A03C8	RT32031	OPERATIONS RESEARCH	28	56	3
15FE1A03C8	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
15FE1A03C8	RT32033	DESIGN OF MACHINE MEMBERS II	29	40	3
15FE1A03C8	RT32034	ROBOTICS	27	53	3
15FE1A03C8	RT32035	HEAT TRANSFER	30	43	3
15FE1A03C8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	61	3
15FE1A03C8	RT32037A	REFRIGERATION & AIR CONDITIONING	22	59	3
15FE1A03C8	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03C9	RT32031	OPERATIONS RESEARCH	21	47	3
15FE1A03C9	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	36	3
15FE1A03C9	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
15FE1A03C9	RT32034	ROBOTICS	23	30	3
15FE1A03C9	RT32035	HEAT TRANSFER	22	28	3
15FE1A03C9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
15FE1A03C9	RT32037A	REFRIGERATION & AIR CONDITIONING	16	33	3
15FE1A03C9	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03D0	RT32031	OPERATIONS RESEARCH	20	59	3
15FE1A03D0	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	44	3
15FE1A03D0	RT32033	DESIGN OF MACHINE MEMBERS II	21	39	3
15FE1A03D0	RT32034	ROBOTICS	19	59	3
15FE1A03D0	RT32035	HEAT TRANSFER	23	35	3
15FE1A03D0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	52	3
15FE1A03D0	RT32037A	REFRIGERATION & AIR CONDITIONING	19	34	3
15FE1A03D0	RT32038	HEAT TRANSFER LAB	20	43	2
15FE1A03D1	RT32031	OPERATIONS RESEARCH	22	52	3
15FE1A03D1	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	43	3
15FE1A03D1	RT32033	DESIGN OF MACHINE MEMBERS II	23	38	3
15FE1A03D1	RT32034	ROBOTICS	23	51	3
15FE1A03D1	RT32035	HEAT TRANSFER	23	35	3
15FE1A03D1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	52	3
15FE1A03D1	RT32037A	REFRIGERATION & AIR CONDITIONING	20	48	3
15FE1A03D1	RT32038	HEAT TRANSFER LAB	20	40	2
15FE1A03D2	RT32031	OPERATIONS RESEARCH	24	34	3
15FE1A03D2	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15FE1A03D2	RT32033	DESIGN OF MACHINE MEMBERS II	17	35	3
15FE1A03D2	RT32034	ROBOTICS	23	34	3
15FE1A03D2	RT32035	HEAT TRANSFER	24	35	3
15FE1A03D2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	40	3
15FE1A03D2	RT32037A	REFRIGERATION & AIR CONDITIONING	16	48	3
15FE1A03D2	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03D3	RT32031	OPERATIONS RESEARCH	16	34	3
15FE1A03D3	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03D3	RT32033	DESIGN OF MACHINE MEMBERS II	17	36	3
15FE1A03D3	RT32034	ROBOTICS	17	32	3
15FE1A03D3	RT32035	HEAT TRANSFER	18	17	0
15FE1A03D3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	49	3
15FE1A03D3	RT32037A	REFRIGERATION & AIR CONDITIONING	14	32	3
15FE1A03D3	RT32038	HEAT TRANSFER LAB	19	39	2
15FE1A03D4	RT32031	OPERATIONS RESEARCH	28	57	3
15FE1A03D4	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	40	3
15FE1A03D4	RT32033	DESIGN OF MACHINE MEMBERS II	22	35	3
15FE1A03D4	RT32034	ROBOTICS	24	47	3
15FE1A03D4	RT32035	HEAT TRANSFER	24	43	3
15FE1A03D4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	38	3
15FE1A03D4	RT32037A	REFRIGERATION & AIR CONDITIONING	21	38	3
15FE1A03D4	RT32038	HEAT TRANSFER LAB	21	42	2
15FE1A03D5	RT32031	OPERATIONS RESEARCH	28	57	3
15FE1A03D5	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
15FE1A03D5	RT32033	DESIGN OF MACHINE MEMBERS II	19	38	3
15FE1A03D5	RT32034	ROBOTICS	18	51	3
15FE1A03D5	RT32035	HEAT TRANSFER	21	27	3
15FE1A03D5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
15FE1A03D5	RT32037A	REFRIGERATION & AIR CONDITIONING	18	38	3
15FE1A03D5	RT32038	HEAT TRANSFER LAB	21	42	2
15FE1A03D6	RT32031	OPERATIONS RESEARCH	24	34	3
15FE1A03D6	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	25	3
15FE1A03D6	RT32033	DESIGN OF MACHINE MEMBERS II	21	33	3
15FE1A03D6	RT32034	ROBOTICS	18	40	3
15FE1A03D6	RT32035	HEAT TRANSFER	25	38	3
15FE1A03D6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	46	3
15FE1A03D6	RT32037A	REFRIGERATION & AIR CONDITIONING	17	37	3
15FE1A03D6	RT32038	HEAT TRANSFER LAB	21	40	2
15FE1A03D7	RT32031	OPERATIONS RESEARCH	18	32	3
15FE1A03D7	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	35	3
15FE1A03D7	RT32033	DESIGN OF MACHINE MEMBERS II	14	41	3
15FE1A03D7	RT32034	ROBOTICS	16	16	0
15FE1A03D7	RT32035	HEAT TRANSFER	20	24	3
15FE1A03D7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	39	3
15FE1A03D7	RT32037A	REFRIGERATION & AIR CONDITIONING	15	13	0
15FE1A03D7	RT32038	HEAT TRANSFER LAB	17	32	2
15FE1A03D8	RT32031	OPERATIONS RESEARCH	17	36	3
15FE1A03D8	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
15FE1A03D8	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
15FE1A03D8	RT32034	ROBOTICS	18	28	3
15FE1A03D8	RT32035	HEAT TRANSFER	23	24	3
15FE1A03D8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	32	3
15FE1A03D8	RT32037A	REFRIGERATION & AIR CONDITIONING	17	15	0
15FE1A03D8	RT32038	HEAT TRANSFER LAB	18	33	2
15FE1A03D9	RT32031	OPERATIONS RESEARCH	25	51	3
15FE1A03D9	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
15FE1A03D9	RT32033	DESIGN OF MACHINE MEMBERS II	16	31	3
15FE1A03D9	RT32034	ROBOTICS	20	45	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A03D9	RT32035	HEAT TRANSFER	19	34	3
15FE1A03D9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	41	3
15FE1A03D9	RT32037A	REFRIGERATION & AIR CONDITIONING	20	43	3
15FE1A03D9	RT32038	HEAT TRANSFER LAB	18	38	2
15FE1A03E0	RT32031	OPERATIONS RESEARCH	21	24	3
15FE1A03E0	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	17	0
15FE1A03E0	RT32033	DESIGN OF MACHINE MEMBERS II	26	42	3
15FE1A03E0	RT32034	ROBOTICS	20	42	3
15FE1A03E0	RT32035	HEAT TRANSFER	26	48	3
15FE1A03E0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	52	3
15FE1A03E0	RT32037A	REFRIGERATION & AIR CONDITIONING	24	51	3
15FE1A03E0	RT32038	HEAT TRANSFER LAB	20	43	2
15FE1A03E1	RT32031	OPERATIONS RESEARCH	27	50	3
15FE1A03E1	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
15FE1A03E1	RT32033	DESIGN OF MACHINE MEMBERS II	24	52	3
15FE1A03E1	RT32034	ROBOTICS	28	36	3
15FE1A03E1	RT32035	HEAT TRANSFER	25	34	3
15FE1A03E1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	52	3
15FE1A03E1	RT32037A	REFRIGERATION & AIR CONDITIONING	25	35	3
15FE1A03E1	RT32038	HEAT TRANSFER LAB	22	44	2
15FE1A03E2	RT32031	OPERATIONS RESEARCH	24	57	3
15FE1A03E2	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	32	3
15FE1A03E2	RT32033	DESIGN OF MACHINE MEMBERS II	22	44	3
15FE1A03E2	RT32034	ROBOTICS	24	53	3
15FE1A03E2	RT32035	HEAT TRANSFER	25	36	3
15FE1A03E2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	48	3
15FE1A03E2	RT32037A	REFRIGERATION & AIR CONDITIONING	17	42	3
15FE1A03E2	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03E3	RT32031	OPERATIONS RESEARCH	24	28	3
15FE1A03E3	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	40	3
15FE1A03E3	RT32033	DESIGN OF MACHINE MEMBERS II	16	28	3
15FE1A03E3	RT32034	ROBOTICS	18	38	3
15FE1A03E3	RT32035	HEAT TRANSFER	24	8	0
15FE1A03E3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	26	3
15FE1A03E3	RT32037A	REFRIGERATION & AIR CONDITIONING	16	35	3
15FE1A03E3	RT32038	HEAT TRANSFER LAB	20	35	2
15FE1A03E4	RT32031	OPERATIONS RESEARCH	20	24	3
15FE1A03E4	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	25	3
15FE1A03E4	RT32033	DESIGN OF MACHINE MEMBERS II	15	9	0
15FE1A03E4	RT32034	ROBOTICS	17	40	3
15FE1A03E4	RT32035	HEAT TRANSFER	25	36	3
15FE1A03E4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	46	3
15FE1A03E4	RT32037A	REFRIGERATION & AIR CONDITIONING	16	36	3
15FE1A03E4	RT32038	HEAT TRANSFER LAB	19	35	2
15FE1A03E5	RT32031	OPERATIONS RESEARCH	20	40	3
15FE1A03E5	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
15FE1A03E5	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
15FE1A03E5	RT32034	ROBOTICS	19	30	3
15FE1A03E5	RT32035	HEAT TRANSFER	26	33	3
15FE1A03E5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	46	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03E5	RT32037A	REFRIGERATION & AIR CONDITIONING	17	41	3
15FE1A03E5	RT32038	HEAT TRANSFER LAB	21	27	2
15FE1A03E6	RT32031	OPERATIONS RESEARCH	22	45	3
15FE1A03E6	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	34	3
15FE1A03E6	RT32033	DESIGN OF MACHINE MEMBERS II	14	38	3
15FE1A03E6	RT32034	ROBOTICS	20	40	3
15FE1A03E6	RT32035	HEAT TRANSFER	20	24	3
15FE1A03E6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	41	3
15FE1A03E6	RT32037A	REFRIGERATION & AIR CONDITIONING	7	33	3
15FE1A03E6	RT32038	HEAT TRANSFER LAB	18	35	2
15FE1A03E7	RT32031	OPERATIONS RESEARCH	28	48	3
15FE1A03E7	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	35	3
15FE1A03E7	RT32033	DESIGN OF MACHINE MEMBERS II	23	29	3
15FE1A03E7	RT32034	ROBOTICS	23	45	3
15FE1A03E7	RT32035	HEAT TRANSFER	26	34	3
15FE1A03E7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
15FE1A03E7	RT32037A	REFRIGERATION & AIR CONDITIONING	21	43	3
15FE1A03E7	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03E8	RT32031	OPERATIONS RESEARCH	23	40	3
15FE1A03E8	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15FE1A03E8	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
15FE1A03E8	RT32034	ROBOTICS	22	35	3
15FE1A03E8	RT32035	HEAT TRANSFER	28	31	3
15FE1A03E8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	35	3
15FE1A03E8	RT32037A	REFRIGERATION & AIR CONDITIONING	17	39	3
15FE1A03E8	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03E9	RT32031	OPERATIONS RESEARCH	26	51	3
15FE1A03E9	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	31	3
15FE1A03E9	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
15FE1A03E9	RT32034	ROBOTICS	27	24	3
15FE1A03E9	RT32035	HEAT TRANSFER	29	37	3
15FE1A03E9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	49	3
15FE1A03E9	RT32037A	REFRIGERATION & AIR CONDITIONING	21	44	3
15FE1A03E9	RT32038	HEAT TRANSFER LAB	22	43	2
15FE1A03F0	RT32031	OPERATIONS RESEARCH	25	59	3
15FE1A03F0	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	48	3
15FE1A03F0	RT32033	DESIGN OF MACHINE MEMBERS II	24	50	3
15FE1A03F0	RT32034	ROBOTICS	29	53	3
15FE1A03F0	RT32035	HEAT TRANSFER	29	51	3
15FE1A03F0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	36	3
15FE1A03F0	RT32037A	REFRIGERATION & AIR CONDITIONING	18	36	3
15FE1A03F0	RT32038	HEAT TRANSFER LAB	23	44	2
15FE1A03F1	RT32031	OPERATIONS RESEARCH	25	60	3
15FE1A03F1	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	35	3
15FE1A03F1	RT32033	DESIGN OF MACHINE MEMBERS II	22	30	3
15FE1A03F1	RT32034	ROBOTICS	20	41	3
15FE1A03F1	RT32035	HEAT TRANSFER	27	28	3
15FE1A03F1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	66	3
15FE1A03F1	RT32037A	REFRIGERATION & AIR CONDITIONING	15	29	3
15FE1A03F1	RT32038	HEAT TRANSFER LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A03F2	RT32031	OPERATIONS RESEARCH	23	24	3
15FE1A03F2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	14	0
15FE1A03F2	RT32033	DESIGN OF MACHINE MEMBERS II	21	44	3
15FE1A03F2	RT32034	ROBOTICS	23	41	3
15FE1A03F2	RT32035	HEAT TRANSFER	24	43	3
15FE1A03F2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	49	3
15FE1A03F2	RT32037A	REFRIGERATION & AIR CONDITIONING	19	41	3
15FE1A03F2	RT32038	HEAT TRANSFER LAB	21	40	2
15FE1A03F3	RT32031	OPERATIONS RESEARCH	28	57	3
15FE1A03F3	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	36	3
15FE1A03F3	RT32033	DESIGN OF MACHINE MEMBERS II	24	55	3
15FE1A03F3	RT32034	ROBOTICS	30	31	3
15FE1A03F3	RT32035	HEAT TRANSFER	25	45	3
15FE1A03F3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	47	3
15FE1A03F3	RT32037A	REFRIGERATION & AIR CONDITIONING	27	42	3
15FE1A03F3	RT32038	HEAT TRANSFER LAB	21	40	2
15FE1A03F4	RT32031	OPERATIONS RESEARCH	20	47	3
15FE1A03F4	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
15FE1A03F4	RT32033	DESIGN OF MACHINE MEMBERS II	17	37	3
15FE1A03F4	RT32034	ROBOTICS	21	38	3
15FE1A03F4	RT32035	HEAT TRANSFER	22	34	3
15FE1A03F4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	40	3
15FE1A03F4	RT32037A	REFRIGERATION & AIR CONDITIONING	15	33	3
15FE1A03F4	RT32038	HEAT TRANSFER LAB	21	35	2
15FE1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	45	3
15FE1A0401	RT32042	DIGITAL SIGNAL PROCESSING	24	32	3
15FE1A0401	RT32043	DIGITAL COMMUNICATIONS	19	47	3
15FE1A0401	RT32044	MICROWAVE ENGINEERING	20	28	3
15FE1A0401	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15FE1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15FE1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15FE1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	34	2
15FE1A0401	RT32049	SEMINAR	49	0	1
15FE1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	62	3
15FE1A0402	RT32042	DIGITAL SIGNAL PROCESSING	25	52	3
15FE1A0402	RT32043	DIGITAL COMMUNICATIONS	26	56	3
15FE1A0402	RT32044	MICROWAVE ENGINEERING	25	41	3
15FE1A0402	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
15FE1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A0402	RT32049	SEMINAR	49	0	1
15FE1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	37	3
15FE1A0403	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15FE1A0403	RT32043	DIGITAL COMMUNICATIONS	20	46	3
15FE1A0403	RT32044	MICROWAVE ENGINEERING	24	68	3
15FE1A0403	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15FE1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0403	RT32049	SEMINAR	47	0	1
15FE1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
15FE1A0404	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15FE1A0404	RT32043	DIGITAL COMMUNICATIONS	20	54	3
15FE1A0404	RT32044	MICROWAVE ENGINEERING	22	46	3
15FE1A0404	RT32045A	BIO MEDICAL ENGINEERING	22	56	3
15FE1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15FE1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15FE1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A0404	RT32049	SEMINAR	48	0	1
15FE1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	55	3
15FE1A0405	RT32042	DIGITAL SIGNAL PROCESSING	27	60	3
15FE1A0405	RT32043	DIGITAL COMMUNICATIONS	28	69	3
15FE1A0405	RT32044	MICROWAVE ENGINEERING	28	38	3
15FE1A0405	RT32045A	BIO MEDICAL ENGINEERING	26	67	3
15FE1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15FE1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15FE1A0405	RT32049	SEMINAR	50	0	1
15FE1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	31	3
15FE1A0406	RT32042	DIGITAL SIGNAL PROCESSING	21	29	3
15FE1A0406	RT32043	DIGITAL COMMUNICATIONS	20	39	3
15FE1A0406	RT32044	MICROWAVE ENGINEERING	24	17	0
15FE1A0406	RT32045A	BIO MEDICAL ENGINEERING	20	36	3
15FE1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15FE1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15FE1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15FE1A0406	RT32049	SEMINAR	44	0	1
15FE1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15FE1A0407	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
15FE1A0407	RT32043	DIGITAL COMMUNICATIONS	22	17	0
15FE1A0407	RT32044	MICROWAVE ENGINEERING	19	42	3
15FE1A0407	RT32045A	BIO MEDICAL ENGINEERING	22	48	3
15FE1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15FE1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15FE1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
15FE1A0407	RT32049	SEMINAR	45	0	1
15FE1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	27	3
15FE1A0408	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15FE1A0408	RT32043	DIGITAL COMMUNICATIONS	21	45	3
15FE1A0408	RT32044	MICROWAVE ENGINEERING	18	40	3
15FE1A0408	RT32045A	BIO MEDICAL ENGINEERING	19	49	3
15FE1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15FE1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	34	2
15FE1A0408	RT32049	SEMINAR	44	0	1
15FE1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	39	3
15FE1A0409	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15FE1A0409	RT32043	DIGITAL COMMUNICATIONS	21	47	3
15FE1A0409	RT32044	MICROWAVE ENGINEERING	17	28	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0409	RT32045A	BIO MEDICAL ENGINEERING	21	46	3
15FE1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15FE1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A0409	RT32049	SEMINAR	45	0	1
15FE1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	59	3
15FE1A0410	RT32042	DIGITAL SIGNAL PROCESSING	25	54	3
15FE1A0410	RT32043	DIGITAL COMMUNICATIONS	21	56	3
15FE1A0410	RT32044	MICROWAVE ENGINEERING	25	43	3
15FE1A0410	RT32045A	BIO MEDICAL ENGINEERING	26	46	3
15FE1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15FE1A0410	RT32049	SEMINAR	47	0	1
15FE1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15FE1A0411	RT32042	DIGITAL SIGNAL PROCESSING	19	12	0
15FE1A0411	RT32043	DIGITAL COMMUNICATIONS	16	13	0
15FE1A0411	RT32044	MICROWAVE ENGINEERING	19	31	3
15FE1A0411	RT32045A	BIO MEDICAL ENGINEERING	23	26	3
15FE1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15FE1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	17	46	2
15FE1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	33	2
15FE1A0411	RT32049	SEMINAR	44	0	1
15FE1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	25	3
15FE1A0412	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
15FE1A0412	RT32043	DIGITAL COMMUNICATIONS	21	52	3
15FE1A0412	RT32044	MICROWAVE ENGINEERING	22	47	3
15FE1A0412	RT32045A	BIO MEDICAL ENGINEERING	19	58	3
15FE1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15FE1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15FE1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	30	2
15FE1A0412	RT32049	SEMINAR	46	0	1
15FE1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	42	3
15FE1A0413	RT32042	DIGITAL SIGNAL PROCESSING	25	37	3
15FE1A0413	RT32043	DIGITAL COMMUNICATIONS	22	47	3
15FE1A0413	RT32044	MICROWAVE ENGINEERING	21	34	3
15FE1A0413	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
15FE1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	49	2
15FE1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15FE1A0413	RT32049	SEMINAR	43	0	1
15FE1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	64	3
15FE1A0414	RT32042	DIGITAL SIGNAL PROCESSING	23	54	3
15FE1A0414	RT32043	DIGITAL COMMUNICATIONS	20	55	3
15FE1A0414	RT32044	MICROWAVE ENGINEERING	24	38	3
15FE1A0414	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15FE1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15FE1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15FE1A0414	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	47	3
15FE1A0415	RT32042	DIGITAL SIGNAL PROCESSING	28	38	3
15FE1A0415	RT32043	DIGITAL COMMUNICATIONS	25	69	3
15FE1A0415	RT32044	MICROWAVE ENGINEERING	26	47	3
15FE1A0415	RT32045A	BIO MEDICAL ENGINEERING	29	50	3
15FE1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A0415	RT32049	SEMINAR	46	0	1
15FE1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15FE1A0416	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
15FE1A0416	RT32043	DIGITAL COMMUNICATIONS	22	13	0
15FE1A0416	RT32044	MICROWAVE ENGINEERING	20	47	3
15FE1A0416	RT32045A	BIO MEDICAL ENGINEERING	21	28	3
15FE1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15FE1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15FE1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	31	2
15FE1A0416	RT32049	SEMINAR	45	0	1
15FE1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	50	3
15FE1A0417	RT32042	DIGITAL SIGNAL PROCESSING	28	45	3
15FE1A0417	RT32043	DIGITAL COMMUNICATIONS	28	63	3
15FE1A0417	RT32044	MICROWAVE ENGINEERING	26	55	3
15FE1A0417	RT32045A	BIO MEDICAL ENGINEERING	26	64	3
15FE1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15FE1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15FE1A0417	RT32049	SEMINAR	46	0	1
15FE1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	64	3
15FE1A0418	RT32042	DIGITAL SIGNAL PROCESSING	26	52	3
15FE1A0418	RT32043	DIGITAL COMMUNICATIONS	24	47	3
15FE1A0418	RT32044	MICROWAVE ENGINEERING	25	44	3
15FE1A0418	RT32045A	BIO MEDICAL ENGINEERING	27	49	3
15FE1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A0418	RT32049	SEMINAR	47	0	1
15FE1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
15FE1A0419	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15FE1A0419	RT32043	DIGITAL COMMUNICATIONS	19	30	3
15FE1A0419	RT32044	MICROWAVE ENGINEERING	20	24	3
15FE1A0419	RT32045A	BIO MEDICAL ENGINEERING	23	26	3
15FE1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15FE1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	18	44	2
15FE1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	31	2
15FE1A0419	RT32049	SEMINAR	45	0	1
15FE1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	35	3
15FE1A0420	RT32042	DIGITAL SIGNAL PROCESSING	26	39	3
15FE1A0420	RT32043	DIGITAL COMMUNICATIONS	22	54	3
15FE1A0420	RT32044	MICROWAVE ENGINEERING	24	52	3
15FE1A0420	RT32045A	BIO MEDICAL ENGINEERING	26	46	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15FE1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A0420	RT32049	SEMINAR	48	0	1
15FE1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	55	3
15FE1A0421	RT32042	DIGITAL SIGNAL PROCESSING	25	49	3
15FE1A0421	RT32043	DIGITAL COMMUNICATIONS	25	51	3
15FE1A0421	RT32044	MICROWAVE ENGINEERING	26	40	3
15FE1A0421	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15FE1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15FE1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	23	50	2
15FE1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15FE1A0421	RT32049	SEMINAR	47	0	1
15FE1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	57	3
15FE1A0422	RT32042	DIGITAL SIGNAL PROCESSING	22	61	3
15FE1A0422	RT32043	DIGITAL COMMUNICATIONS	23	48	3
15FE1A0422	RT32044	MICROWAVE ENGINEERING	22	33	3
15FE1A0422	RT32045A	BIO MEDICAL ENGINEERING	25	45	3
15FE1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15FE1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A0422	RT32049	SEMINAR	47	0	1
15FE1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	47	3
15FE1A0423	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3
15FE1A0423	RT32043	DIGITAL COMMUNICATIONS	25	58	3
15FE1A0423	RT32044	MICROWAVE ENGINEERING	27	44	3
15FE1A0423	RT32045A	BIO MEDICAL ENGINEERING	22	45	3
15FE1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A0423	RT32049	SEMINAR	47	0	1
15FE1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	41	3
15FE1A0424	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15FE1A0424	RT32043	DIGITAL COMMUNICATIONS	21	45	3
15FE1A0424	RT32044	MICROWAVE ENGINEERING	20	46	3
15FE1A0424	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
15FE1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15FE1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	19	47	2
15FE1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A0424	RT32049	SEMINAR	43	0	1
15FE1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	47	3
15FE1A0425	RT32042	DIGITAL SIGNAL PROCESSING	22	47	3
15FE1A0425	RT32043	DIGITAL COMMUNICATIONS	25	53	3
15FE1A0425	RT32044	MICROWAVE ENGINEERING	27	37	3
15FE1A0425	RT32045A	BIO MEDICAL ENGINEERING	23	50	3
15FE1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15FE1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A0425	RT32049	SEMINAR	46	0	1
15FE1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	52	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0426	RT32042	DIGITAL SIGNAL PROCESSING	26	57	3
15FE1A0426	RT32043	DIGITAL COMMUNICATIONS	25	48	3
15FE1A0426	RT32044	MICROWAVE ENGINEERING	27	38	3
15FE1A0426	RT32045A	BIO MEDICAL ENGINEERING	26	43	3
15FE1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15FE1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	24	50	2
15FE1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A0426	RT32049	SEMINAR	46	0	1
15FE1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	42	3
15FE1A0427	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
15FE1A0427	RT32043	DIGITAL COMMUNICATIONS	28	50	3
15FE1A0427	RT32044	MICROWAVE ENGINEERING	27	70	3
15FE1A0427	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15FE1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15FE1A0427	RT32049	SEMINAR	46	0	1
15FE1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	37	3
15FE1A0428	RT32042	DIGITAL SIGNAL PROCESSING	23	50	3
15FE1A0428	RT32043	DIGITAL COMMUNICATIONS	25	49	3
15FE1A0428	RT32044	MICROWAVE ENGINEERING	21	50	3
15FE1A0428	RT32045A	BIO MEDICAL ENGINEERING	25	35	3
15FE1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15FE1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15FE1A0428	RT32049	SEMINAR	45	0	1
15FE1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	49	3
15FE1A0429	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
15FE1A0429	RT32043	DIGITAL COMMUNICATIONS	22	56	3
15FE1A0429	RT32044	MICROWAVE ENGINEERING	25	40	3
15FE1A0429	RT32045A	BIO MEDICAL ENGINEERING	26	43	3
15FE1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15FE1A0429	RT32049	SEMINAR	47	0	1
15FE1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	55	3
15FE1A0430	RT32042	DIGITAL SIGNAL PROCESSING	26	51	3
15FE1A0430	RT32043	DIGITAL COMMUNICATIONS	23	52	3
15FE1A0430	RT32044	MICROWAVE ENGINEERING	28	32	3
15FE1A0430	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
15FE1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15FE1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15FE1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A0430	RT32049	SEMINAR	47	0	1
15FE1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
15FE1A0431	RT32042	DIGITAL SIGNAL PROCESSING	20	20	0
15FE1A0431	RT32043	DIGITAL COMMUNICATIONS	18	21	0
15FE1A0431	RT32044	MICROWAVE ENGINEERING	17	15	0
15FE1A0431	RT32045A	BIO MEDICAL ENGINEERING	17	26	3
15FE1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	32	2



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	17	40	2
15FE1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	28	2
15FE1A0431	RT32049	SEMINAR	41	0	1
15FE1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	29	3
15FE1A0432	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15FE1A0432	RT32043	DIGITAL COMMUNICATIONS	22	39	3
15FE1A0432	RT32044	MICROWAVE ENGINEERING	28	59	3
15FE1A0432	RT32045A	BIO MEDICAL ENGINEERING	21	32	3
15FE1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15FE1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	41	2
15FE1A0432	RT32049	SEMINAR	49	0	1
15FE1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	37	3
15FE1A0433	RT32042	DIGITAL SIGNAL PROCESSING	20	31	3
15FE1A0433	RT32043	DIGITAL COMMUNICATIONS	16	44	3
15FE1A0433	RT32044	MICROWAVE ENGINEERING	20	31	3
15FE1A0433	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15FE1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15FE1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15FE1A0433	RT32049	SEMINAR	46	0	1
15FE1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	41	3
15FE1A0434	RT32042	DIGITAL SIGNAL PROCESSING	21	46	3
15FE1A0434	RT32043	DIGITAL COMMUNICATIONS	20	48	3
15FE1A0434	RT32044	MICROWAVE ENGINEERING	19	28	3
15FE1A0434	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15FE1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15FE1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
15FE1A0434	RT32049	SEMINAR	41	0	1
15FE1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	40	3
15FE1A0435	RT32042	DIGITAL SIGNAL PROCESSING	25	44	3
15FE1A0435	RT32043	DIGITAL COMMUNICATIONS	21	41	3
15FE1A0435	RT32044	MICROWAVE ENGINEERING	22	36	3
15FE1A0435	RT32045A	BIO MEDICAL ENGINEERING	25	46	3
15FE1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15FE1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15FE1A0435	RT32049	SEMINAR	45	0	1
15FE1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
15FE1A0436	RT32042	DIGITAL SIGNAL PROCESSING	22	38	3
15FE1A0436	RT32043	DIGITAL COMMUNICATIONS	18	31	3
15FE1A0436	RT32044	MICROWAVE ENGINEERING	20	18	0
15FE1A0436	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
15FE1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15FE1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15FE1A0436	RT32049	SEMINAR	45	0	1
15FE1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15FE1A0437	RT32042	DIGITAL SIGNAL PROCESSING	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0437	RT32043	DIGITAL COMMUNICATIONS	23	51	3
15FE1A0437	RT32044	MICROWAVE ENGINEERING	23	32	3
15FE1A0437	RT32045A	BIO MEDICAL ENGINEERING	14	36	3
15FE1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15FE1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15FE1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15FE1A0437	RT32049	SEMINAR	46	0	1
15FE1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	57	3
15FE1A0439	RT32042	DIGITAL SIGNAL PROCESSING	27	58	3
15FE1A0439	RT32043	DIGITAL COMMUNICATIONS	24	51	3
15FE1A0439	RT32044	MICROWAVE ENGINEERING	28	30	3
15FE1A0439	RT32045A	BIO MEDICAL ENGINEERING	27	38	3
15FE1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15FE1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	42	2
15FE1A0439	RT32049	SEMINAR	50	0	1
15FE1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
15FE1A0440	RT32042	DIGITAL SIGNAL PROCESSING	22	25	3
15FE1A0440	RT32043	DIGITAL COMMUNICATIONS	14	26	3
15FE1A0440	RT32044	MICROWAVE ENGINEERING	24	18	0
15FE1A0440	RT32045A	BIO MEDICAL ENGINEERING	21	31	3
15FE1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15FE1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	40	2
15FE1A0440	RT32049	SEMINAR	47	0	1
15FE1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
15FE1A0441	RT32042	DIGITAL SIGNAL PROCESSING	27	46	3
15FE1A0441	RT32043	DIGITAL COMMUNICATIONS	25	34	3
15FE1A0441	RT32044	MICROWAVE ENGINEERING	25	42	3
15FE1A0441	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
15FE1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15FE1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15FE1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A0441	RT32049	SEMINAR	47	0	1
15FE1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15FE1A0442	RT32042	DIGITAL SIGNAL PROCESSING	25	42	3
15FE1A0442	RT32043	DIGITAL COMMUNICATIONS	26	52	3
15FE1A0442	RT32044	MICROWAVE ENGINEERING	26	53	3
15FE1A0442	RT32045A	BIO MEDICAL ENGINEERING	22	48	3
15FE1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15FE1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A0442	RT32049	SEMINAR	47	0	1
15FE1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	16	0
15FE1A0443	RT32042	DIGITAL SIGNAL PROCESSING	21	39	3
15FE1A0443	RT32043	DIGITAL COMMUNICATIONS	17	50	3
15FE1A0443	RT32044	MICROWAVE ENGINEERING	21	8	0
15FE1A0443	RT32045A	BIO MEDICAL ENGINEERING	21	25	3
15FE1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
15FE1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	32	2
15FE1A0443	RT32049	SEMINAR	45	0	1
15FE1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	27	3
15FE1A0444	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15FE1A0444	RT32043	DIGITAL COMMUNICATIONS	22	42	3
15FE1A0444	RT32044	MICROWAVE ENGINEERING	27	24	3
15FE1A0444	RT32045A	BIO MEDICAL ENGINEERING	20	32	3
15FE1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15FE1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15FE1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A0444	RT32049	SEMINAR	46	0	1
15FE1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15FE1A0446	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15FE1A0446	RT32043	DIGITAL COMMUNICATIONS	21	55	3
15FE1A0446	RT32044	MICROWAVE ENGINEERING	21	18	0
15FE1A0446	RT32045A	BIO MEDICAL ENGINEERING	22	38	3
15FE1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15FE1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	18	47	2
15FE1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15FE1A0446	RT32049	SEMINAR	45	0	1
15FE1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	47	3
15FE1A0447	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
15FE1A0447	RT32043	DIGITAL COMMUNICATIONS	17	34	3
15FE1A0447	RT32044	MICROWAVE ENGINEERING	18	35	3
15FE1A0447	RT32045A	BIO MEDICAL ENGINEERING	22	44	3
15FE1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15FE1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15FE1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	30	2
15FE1A0447	RT32049	SEMINAR	46	0	1
15FE1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	45	3
15FE1A0448	RT32042	DIGITAL SIGNAL PROCESSING	28	57	3
15FE1A0448	RT32043	DIGITAL COMMUNICATIONS	26	40	3
15FE1A0448	RT32044	MICROWAVE ENGINEERING	28	45	3
15FE1A0448	RT32045A	BIO MEDICAL ENGINEERING	26	34	3
15FE1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A0448	RT32049	SEMINAR	50	0	1
15FE1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	37	3
15FE1A0449	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
15FE1A0449	RT32043	DIGITAL COMMUNICATIONS	18	36	3
15FE1A0449	RT32044	MICROWAVE ENGINEERING	21	31	3
15FE1A0449	RT32045A	BIO MEDICAL ENGINEERING	17	32	3
15FE1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15FE1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15FE1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	32	2
15FE1A0449	RT32049	SEMINAR	46	0	1
15FE1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	36	3
15FE1A0450	RT32042	DIGITAL SIGNAL PROCESSING	24	51	3
15FE1A0450	RT32043	DIGITAL COMMUNICATIONS	24	53	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0450	RT32044	MICROWAVE ENGINEERING	26	34	3
15FE1A0450	RT32045A	BIO MEDICAL ENGINEERING	23	50	3
15FE1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A0450	RT32049	SEMINAR	43	0	1
15FE1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	55	3
15FE1A0451	RT32042	DIGITAL SIGNAL PROCESSING	28	38	3
15FE1A0451	RT32043	DIGITAL COMMUNICATIONS	25	46	3
15FE1A0451	RT32044	MICROWAVE ENGINEERING	26	37	3
15FE1A0451	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
15FE1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15FE1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15FE1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15FE1A0451	RT32049	SEMINAR	42	0	1
15FE1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15FE1A0452	RT32042	DIGITAL SIGNAL PROCESSING	26	45	3
15FE1A0452	RT32043	DIGITAL COMMUNICATIONS	23	44	3
15FE1A0452	RT32044	MICROWAVE ENGINEERING	20	31	3
15FE1A0452	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
15FE1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15FE1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15FE1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	37	2
15FE1A0452	RT32049	SEMINAR	44	0	1
15FE1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15FE1A0453	RT32042	DIGITAL SIGNAL PROCESSING	25	38	3
15FE1A0453	RT32043	DIGITAL COMMUNICATIONS	18	47	3
15FE1A0453	RT32044	MICROWAVE ENGINEERING	22	38	3
15FE1A0453	RT32045A	BIO MEDICAL ENGINEERING	20	39	3
15FE1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15FE1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15FE1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A0453	RT32049	SEMINAR	46	0	1
15FE1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	28	3
15FE1A0454	RT32042	DIGITAL SIGNAL PROCESSING	20	31	3
15FE1A0454	RT32043	DIGITAL COMMUNICATIONS	18	43	3
15FE1A0454	RT32044	MICROWAVE ENGINEERING	22	24	3
15FE1A0454	RT32045A	BIO MEDICAL ENGINEERING	19	37	3
15FE1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15FE1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	19	47	2
15FE1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	26	2
15FE1A0454	RT32049	SEMINAR	43	0	1
15FE1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	53	3
15FE1A0455	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15FE1A0455	RT32043	DIGITAL COMMUNICATIONS	25	38	3
15FE1A0455	RT32044	MICROWAVE ENGINEERING	25	-1	0
15FE1A0455	RT32045A	BIO MEDICAL ENGINEERING	17	40	3
15FE1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15FE1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	18	46	2
15FE1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	31	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0455	RT32049	SEMINAR	44	0	1
15FE1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	42	3
15FE1A0456	RT32042	DIGITAL SIGNAL PROCESSING	21	48	3
15FE1A0456	RT32043	DIGITAL COMMUNICATIONS	21	52	3
15FE1A0456	RT32044	MICROWAVE ENGINEERING	22	39	3
15FE1A0456	RT32045A	BIO MEDICAL ENGINEERING	21	36	3
15FE1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15FE1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15FE1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15FE1A0456	RT32049	SEMINAR	45	0	1
15FE1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	32	3
15FE1A0457	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3
15FE1A0457	RT32043	DIGITAL COMMUNICATIONS	23	40	3
15FE1A0457	RT32044	MICROWAVE ENGINEERING	24	38	3
15FE1A0457	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
15FE1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15FE1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15FE1A0457	RT32049	SEMINAR	45	0	1
15FE1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	11	0
15FE1A0458	RT32042	DIGITAL SIGNAL PROCESSING	18	31	3
15FE1A0458	RT32043	DIGITAL COMMUNICATIONS	16	18	0
15FE1A0458	RT32044	MICROWAVE ENGINEERING	21	17	0
15FE1A0458	RT32045A	BIO MEDICAL ENGINEERING	19	15	0
15FE1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15FE1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15FE1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	31	2
15FE1A0458	RT32049	SEMINAR	44	0	1
15FE1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	57	3
15FE1A0459	RT32042	DIGITAL SIGNAL PROCESSING	25	44	3
15FE1A0459	RT32043	DIGITAL COMMUNICATIONS	26	59	3
15FE1A0459	RT32044	MICROWAVE ENGINEERING	28	48	3
15FE1A0459	RT32045A	BIO MEDICAL ENGINEERING	26	47	3
15FE1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15FE1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15FE1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15FE1A0459	RT32049	SEMINAR	50	0	1
15FE1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	35	3
15FE1A0460	RT32042	DIGITAL SIGNAL PROCESSING	15	25	3
15FE1A0460	RT32043	DIGITAL COMMUNICATIONS	16	6	0
15FE1A0460	RT32044	MICROWAVE ENGINEERING	18	11	0
15FE1A0460	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15FE1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
15FE1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	16	38	2
15FE1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	36	2
15FE1A0460	RT32049	SEMINAR	41	0	1
15FE1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
15FE1A0461	RT32042	DIGITAL SIGNAL PROCESSING	25	47	3
15FE1A0461	RT32043	DIGITAL COMMUNICATIONS	23	46	3
15FE1A0461	RT32044	MICROWAVE ENGINEERING	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0461	RT32045A	BIO MEDICAL ENGINEERING	27	45	3
15FE1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15FE1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15FE1A0461	RT32049	SEMINAR	49	0	1
15FE1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
15FE1A0462	RT32042	DIGITAL SIGNAL PROCESSING	26	38	3
15FE1A0462	RT32043	DIGITAL COMMUNICATIONS	25	64	3
15FE1A0462	RT32044	MICROWAVE ENGINEERING	26	46	3
15FE1A0462	RT32045A	BIO MEDICAL ENGINEERING	25	57	3
15FE1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15FE1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A0462	RT32049	SEMINAR	48	0	1
15FE1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	52	3
15FE1A0463	RT32042	DIGITAL SIGNAL PROCESSING	27	37	3
15FE1A0463	RT32043	DIGITAL COMMUNICATIONS	23	59	3
15FE1A0463	RT32044	MICROWAVE ENGINEERING	27	44	3
15FE1A0463	RT32045A	BIO MEDICAL ENGINEERING	25	64	3
15FE1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A0463	RT32049	SEMINAR	50	0	1
15FE1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
15FE1A0464	RT32042	DIGITAL SIGNAL PROCESSING	16	25	3
15FE1A0464	RT32043	DIGITAL COMMUNICATIONS	16	27	3
15FE1A0464	RT32044	MICROWAVE ENGINEERING	17	24	3
15FE1A0464	RT32045A	BIO MEDICAL ENGINEERING	19	30	3
15FE1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15FE1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
15FE1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	31	2
15FE1A0464	RT32049	SEMINAR	43	0	1
15FE1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	35	3
15FE1A0465	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
15FE1A0465	RT32043	DIGITAL COMMUNICATIONS	18	32	3
15FE1A0465	RT32044	MICROWAVE ENGINEERING	18	45	3
15FE1A0465	RT32045A	BIO MEDICAL ENGINEERING	22	38	3
15FE1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15FE1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	23	38	2
15FE1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	30	2
15FE1A0465	RT32049	SEMINAR	47	0	1
15FE1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	8	0
15FE1A0466	RT32042	DIGITAL SIGNAL PROCESSING	24	41	3
15FE1A0466	RT32043	DIGITAL COMMUNICATIONS	18	28	3
15FE1A0466	RT32044	MICROWAVE ENGINEERING	18	50	3
15FE1A0466	RT32045A	BIO MEDICAL ENGINEERING	17	18	0
15FE1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	28	2
15FE1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15FE1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15FE1A0466	RT32049	SEMINAR	44	0	1

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	39	3
15FE1A0467	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
15FE1A0467	RT32043	DIGITAL COMMUNICATIONS	22	56	3
15FE1A0467	RT32044	MICROWAVE ENGINEERING	21	38	3
15FE1A0467	RT32045A	BIO MEDICAL ENGINEERING	18	44	3
15FE1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	30	2
15FE1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	24	40	2
15FE1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	33	2
15FE1A0467	RT32049	SEMINAR	45	0	1
15FE1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
15FE1A0468	RT32042	DIGITAL SIGNAL PROCESSING	27	32	3
15FE1A0468	RT32043	DIGITAL COMMUNICATIONS	16	31	3
15FE1A0468	RT32044	MICROWAVE ENGINEERING	21	32	3
15FE1A0468	RT32045A	BIO MEDICAL ENGINEERING	22	33	3
15FE1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	36	2
15FE1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15FE1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15FE1A0468	RT32049	SEMINAR	46	0	1
15FE1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	38	3
15FE1A0469	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
15FE1A0469	RT32043	DIGITAL COMMUNICATIONS	23	37	3
15FE1A0469	RT32044	MICROWAVE ENGINEERING	21	34	3
15FE1A0469	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
15FE1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15FE1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A0469	RT32049	SEMINAR	47	0	1
15FE1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
15FE1A0470	RT32042	DIGITAL SIGNAL PROCESSING	21	29	3
15FE1A0470	RT32043	DIGITAL COMMUNICATIONS	16	26	3
15FE1A0470	RT32044	MICROWAVE ENGINEERING	21	45	3
15FE1A0470	RT32045A	BIO MEDICAL ENGINEERING	20	36	3
15FE1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15FE1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15FE1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	45	2
15FE1A0470	RT32049	SEMINAR	45	0	1
15FE1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	41	3
15FE1A0471	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
15FE1A0471	RT32043	DIGITAL COMMUNICATIONS	18	0	0
15FE1A0471	RT32044	MICROWAVE ENGINEERING	21	30	3
15FE1A0471	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15FE1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15FE1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	19	46	2
15FE1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15FE1A0471	RT32049	SEMINAR	46	0	1
15FE1A0472	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	32	3
15FE1A0472	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
15FE1A0472	RT32043	DIGITAL COMMUNICATIONS	20	39	3
15FE1A0472	RT32044	MICROWAVE ENGINEERING	24	40	3
15FE1A0472	RT32045A	BIO MEDICAL ENGINEERING	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0472	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A0472	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0472	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15FE1A0472	RT32049	SEMINAR	46	0	1
15FE1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	45	3
15FE1A0473	RT32042	DIGITAL SIGNAL PROCESSING	27	51	3
15FE1A0473	RT32043	DIGITAL COMMUNICATIONS	25	45	3
15FE1A0473	RT32044	MICROWAVE ENGINEERING	30	61	3
15FE1A0473	RT32045A	BIO MEDICAL ENGINEERING	25	45	3
15FE1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15FE1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15FE1A0473	RT32049	SEMINAR	50	0	1
15FE1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	34	3
15FE1A0474	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15FE1A0474	RT32043	DIGITAL COMMUNICATIONS	20	61	3
15FE1A0474	RT32044	MICROWAVE ENGINEERING	23	47	3
15FE1A0474	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
15FE1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A0474	RT32049	SEMINAR	47	0	1
15FE1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	48	3
15FE1A0475	RT32042	DIGITAL SIGNAL PROCESSING	28	46	3
15FE1A0475	RT32043	DIGITAL COMMUNICATIONS	27	51	3
15FE1A0475	RT32044	MICROWAVE ENGINEERING	22	37	3
15FE1A0475	RT32045A	BIO MEDICAL ENGINEERING	27	65	3
15FE1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15FE1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15FE1A0475	RT32049	SEMINAR	50	0	1
15FE1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	33	3
15FE1A0476	RT32042	DIGITAL SIGNAL PROCESSING	25	50	3
15FE1A0476	RT32043	DIGITAL COMMUNICATIONS	18	48	3
15FE1A0476	RT32044	MICROWAVE ENGINEERING	20	35	3
15FE1A0476	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
15FE1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15FE1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15FE1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15FE1A0476	RT32049	SEMINAR	46	0	1
15FE1A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	32	3
15FE1A0477	RT32042	DIGITAL SIGNAL PROCESSING	25	40	3
15FE1A0477	RT32043	DIGITAL COMMUNICATIONS	21	46	3
15FE1A0477	RT32044	MICROWAVE ENGINEERING	24	37	3
15FE1A0477	RT32045A	BIO MEDICAL ENGINEERING	25	32	3
15FE1A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A0477	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15FE1A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
15FE1A0477	RT32049	SEMINAR	49	0	1
15FE1A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	33	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0478	RT32042	DIGITAL SIGNAL PROCESSING	24	35	3
15FE1A0478	RT32043	DIGITAL COMMUNICATIONS	20	29	3
15FE1A0478	RT32044	MICROWAVE ENGINEERING	24	44	3
15FE1A0478	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
15FE1A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15FE1A0478	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15FE1A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15FE1A0478	RT32049	SEMINAR	47	0	1
15FE1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	49	3
15FE1A0479	RT32042	DIGITAL SIGNAL PROCESSING	26	31	3
15FE1A0479	RT32043	DIGITAL COMMUNICATIONS	23	46	3
15FE1A0479	RT32044	MICROWAVE ENGINEERING	26	38	3
15FE1A0479	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
15FE1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15FE1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15FE1A0479	RT32049	SEMINAR	49	0	1
15FE1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	37	3
15FE1A0480	RT32042	DIGITAL SIGNAL PROCESSING	26	54	3
15FE1A0480	RT32043	DIGITAL COMMUNICATIONS	22	40	3
15FE1A0480	RT32044	MICROWAVE ENGINEERING	26	40	3
15FE1A0480	RT32045A	BIO MEDICAL ENGINEERING	20	28	3
15FE1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A0480	RT32049	SEMINAR	45	0	1
15FE1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	45	3
15FE1A0481	RT32042	DIGITAL SIGNAL PROCESSING	23	32	3
15FE1A0481	RT32043	DIGITAL COMMUNICATIONS	21	33	3
15FE1A0481	RT32044	MICROWAVE ENGINEERING	17	44	3
15FE1A0481	RT32045A	BIO MEDICAL ENGINEERING	19	35	3
15FE1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15FE1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15FE1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15FE1A0481	RT32049	SEMINAR	44	0	1
15FE1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	32	3
15FE1A0482	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15FE1A0482	RT32043	DIGITAL COMMUNICATIONS	20	12	0
15FE1A0482	RT32044	MICROWAVE ENGINEERING	21	24	3
15FE1A0482	RT32045A	BIO MEDICAL ENGINEERING	19	16	0
15FE1A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	28	2
15FE1A0482	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15FE1A0482	RT32049	SEMINAR	42	0	1
15FE1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	48	3
15FE1A0483	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
15FE1A0483	RT32043	DIGITAL COMMUNICATIONS	18	37	3
15FE1A0483	RT32044	MICROWAVE ENGINEERING	19	30	3
15FE1A0483	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15FE1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15FE1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	38	2
15FE1A0483	RT32049	SEMINAR	46	0	1
15FE1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	39	3
15FE1A0484	RT32042	DIGITAL SIGNAL PROCESSING	23	51	3
15FE1A0484	RT32043	DIGITAL COMMUNICATIONS	21	42	3
15FE1A0484	RT32044	MICROWAVE ENGINEERING	24	39	3
15FE1A0484	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15FE1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15FE1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15FE1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15FE1A0484	RT32049	SEMINAR	46	0	1
15FE1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
15FE1A0485	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15FE1A0485	RT32043	DIGITAL COMMUNICATIONS	20	37	3
15FE1A0485	RT32044	MICROWAVE ENGINEERING	20	30	3
15FE1A0485	RT32045A	BIO MEDICAL ENGINEERING	23	26	3
15FE1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15FE1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15FE1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15FE1A0485	RT32049	SEMINAR	46	0	1
15FE1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	35	3
15FE1A0486	RT32042	DIGITAL SIGNAL PROCESSING	15	28	3
15FE1A0486	RT32043	DIGITAL COMMUNICATIONS	20	40	3
15FE1A0486	RT32044	MICROWAVE ENGINEERING	20	40	3
15FE1A0486	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15FE1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	33	2
15FE1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
15FE1A0486	RT32049	SEMINAR	47	0	1
15FE1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	44	3
15FE1A0487	RT32042	DIGITAL SIGNAL PROCESSING	27	36	3
15FE1A0487	RT32043	DIGITAL COMMUNICATIONS	22	47	3
15FE1A0487	RT32044	MICROWAVE ENGINEERING	25	42	3
15FE1A0487	RT32045A	BIO MEDICAL ENGINEERING	25	37	3
15FE1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15FE1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A0487	RT32049	SEMINAR	48	0	1
15FE1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	14	0
15FE1A0488	RT32042	DIGITAL SIGNAL PROCESSING	21	4	0
15FE1A0488	RT32043	DIGITAL COMMUNICATIONS	17	8	0
15FE1A0488	RT32044	MICROWAVE ENGINEERING	15	31	3
15FE1A0488	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
15FE1A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	28	2
15FE1A0488	RT32047	DIGITAL COMMUNICATIONS LAB	18	36	2
15FE1A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	30	2
15FE1A0488	RT32049	SEMINAR	44	0	1
15FE1A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	47	3
15FE1A0489	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0489	RT32043	DIGITAL COMMUNICATIONS	18	43	3
15FE1A0489	RT32044	MICROWAVE ENGINEERING	22	32	3
15FE1A0489	RT32045A	BIO MEDICAL ENGINEERING	21	38	3
15FE1A0489	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15FE1A0489	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A0489	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15FE1A0489	RT32049	SEMINAR	48	0	1
15FE1A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	44	3
15FE1A0490	RT32042	DIGITAL SIGNAL PROCESSING	27	42	3
15FE1A0490	RT32043	DIGITAL COMMUNICATIONS	24	62	3
15FE1A0490	RT32044	MICROWAVE ENGINEERING	26	44	3
15FE1A0490	RT32045A	BIO MEDICAL ENGINEERING	20	55	3
15FE1A0490	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15FE1A0490	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A0490	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15FE1A0490	RT32049	SEMINAR	50	0	1
15FE1A0491	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	43	3
15FE1A0491	RT32042	DIGITAL SIGNAL PROCESSING	22	27	3
15FE1A0491	RT32043	DIGITAL COMMUNICATIONS	16	43	3
15FE1A0491	RT32044	MICROWAVE ENGINEERING	24	40	3
15FE1A0491	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15FE1A0491	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15FE1A0491	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0491	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15FE1A0491	RT32049	SEMINAR	48	0	1
15FE1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
15FE1A0492	RT32042	DIGITAL SIGNAL PROCESSING	25	41	3
15FE1A0492	RT32043	DIGITAL COMMUNICATIONS	21	53	3
15FE1A0492	RT32044	MICROWAVE ENGINEERING	21	35	3
15FE1A0492	RT32045A	BIO MEDICAL ENGINEERING	25	40	3
15FE1A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15FE1A0492	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15FE1A0492	RT32049	SEMINAR	49	0	1
15FE1A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	36	3
15FE1A0493	RT32042	DIGITAL SIGNAL PROCESSING	24	33	3
15FE1A0493	RT32043	DIGITAL COMMUNICATIONS	18	30	3
15FE1A0493	RT32044	MICROWAVE ENGINEERING	21	36	3
15FE1A0493	RT32045A	BIO MEDICAL ENGINEERING	21	32	3
15FE1A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15FE1A0493	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15FE1A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15FE1A0493	RT32049	SEMINAR	43	0	1
15FE1A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	46	3
15FE1A0494	RT32042	DIGITAL SIGNAL PROCESSING	29	62	3
15FE1A0494	RT32043	DIGITAL COMMUNICATIONS	26	60	3
15FE1A0494	RT32044	MICROWAVE ENGINEERING	25	54	3
15FE1A0494	RT32045A	BIO MEDICAL ENGINEERING	24	47	3
15FE1A0494	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	43	2
15FE1A0494	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0494	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A0494	RT32049	SEMINAR	49	0	1
15FE1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	34	3
15FE1A0495	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
15FE1A0495	RT32043	DIGITAL COMMUNICATIONS	21	51	3
15FE1A0495	RT32044	MICROWAVE ENGINEERING	18	39	3
15FE1A0495	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
15FE1A0495	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15FE1A0495	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15FE1A0495	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	30	2
15FE1A0495	RT32049	SEMINAR	44	0	1
15FE1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	29	3
15FE1A0496	RT32042	DIGITAL SIGNAL PROCESSING	23	45	3
15FE1A0496	RT32043	DIGITAL COMMUNICATIONS	18	38	3
15FE1A0496	RT32044	MICROWAVE ENGINEERING	23	31	3
15FE1A0496	RT32045A	BIO MEDICAL ENGINEERING	22	49	3
15FE1A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15FE1A0496	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15FE1A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15FE1A0496	RT32049	SEMINAR	46	0	1
15FE1A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	27	3
15FE1A0497	RT32042	DIGITAL SIGNAL PROCESSING	21	16	0
15FE1A0497	RT32043	DIGITAL COMMUNICATIONS	18	24	3
15FE1A0497	RT32044	MICROWAVE ENGINEERING	19	17	0
15FE1A0497	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
15FE1A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
15FE1A0497	RT32047	DIGITAL COMMUNICATIONS LAB	19	37	2
15FE1A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
15FE1A0497	RT32049	SEMINAR	42	0	1
15FE1A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
15FE1A0498	RT32042	DIGITAL SIGNAL PROCESSING	25	50	3
15FE1A0498	RT32043	DIGITAL COMMUNICATIONS	22	41	3
15FE1A0498	RT32044	MICROWAVE ENGINEERING	24	40	3
15FE1A0498	RT32045A	BIO MEDICAL ENGINEERING	22	56	3
15FE1A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	35	2
15FE1A0498	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15FE1A0498	RT32049	SEMINAR	46	0	1
15FE1A0499	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	50	3
15FE1A0499	RT32042	DIGITAL SIGNAL PROCESSING	29	47	3
15FE1A0499	RT32043	DIGITAL COMMUNICATIONS	22	59	3
15FE1A0499	RT32044	MICROWAVE ENGINEERING	25	43	3
15FE1A0499	RT32045A	BIO MEDICAL ENGINEERING	24	51	3
15FE1A0499	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A0499	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A0499	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A0499	RT32049	SEMINAR	48	0	1
15FE1A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	34	3
15FE1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	27	62	3
15FE1A04A0	RT32043	DIGITAL COMMUNICATIONS	22	52	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04A0	RT32044	MICROWAVE ENGINEERING	26	42	3
15FE1A04A0	RT32045A	BIO MEDICAL ENGINEERING	20	49	3
15FE1A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15FE1A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A04A0	RT32049	SEMINAR	49	0	1
15FE1A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15FE1A04A1	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15FE1A04A1	RT32043	DIGITAL COMMUNICATIONS	21	32	3
15FE1A04A1	RT32044	MICROWAVE ENGINEERING	24	28	3
15FE1A04A1	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
15FE1A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15FE1A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	31	2
15FE1A04A1	RT32049	SEMINAR	45	0	1
15FE1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3
15FE1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	25	37	3
15FE1A04A2	RT32043	DIGITAL COMMUNICATIONS	19	54	3
15FE1A04A2	RT32044	MICROWAVE ENGINEERING	23	41	3
15FE1A04A2	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
15FE1A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15FE1A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	30	2
15FE1A04A2	RT32049	SEMINAR	46	0	1
15FE1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	38	3
15FE1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	22	25	3
15FE1A04A3	RT32043	DIGITAL COMMUNICATIONS	17	39	3
15FE1A04A3	RT32044	MICROWAVE ENGINEERING	22	29	3
15FE1A04A3	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15FE1A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	39	2
15FE1A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15FE1A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15FE1A04A3	RT32049	SEMINAR	47	0	1
15FE1A04A4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15FE1A04A4	RT32042	DIGITAL SIGNAL PROCESSING	23	61	3
15FE1A04A4	RT32043	DIGITAL COMMUNICATIONS	21	45	3
15FE1A04A4	RT32044	MICROWAVE ENGINEERING	25	37	3
15FE1A04A4	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
15FE1A04A4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	39	2
15FE1A04A4	RT32047	DIGITAL COMMUNICATIONS LAB	19	46	2
15FE1A04A4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	32	2
15FE1A04A4	RT32049	SEMINAR	46	0	1
15FE1A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	59	3
15FE1A04A5	RT32042	DIGITAL SIGNAL PROCESSING	24	49	3
15FE1A04A5	RT32043	DIGITAL COMMUNICATIONS	19	46	3
15FE1A04A5	RT32044	MICROWAVE ENGINEERING	20	42	3
15FE1A04A5	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15FE1A04A5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04A5	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04A5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04A5	RT32049	SEMINAR	48	0	1
15FE1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	18	0
15FE1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	20	25	3
15FE1A04A6	RT32043	DIGITAL COMMUNICATIONS	16	29	3
15FE1A04A6	RT32044	MICROWAVE ENGINEERING	17	39	3
15FE1A04A6	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15FE1A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
15FE1A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15FE1A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	46	2
15FE1A04A6	RT32049	SEMINAR	47	0	1
15FE1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15FE1A04A7	RT32042	DIGITAL SIGNAL PROCESSING	24	30	3
15FE1A04A7	RT32043	DIGITAL COMMUNICATIONS	17	39	3
15FE1A04A7	RT32044	MICROWAVE ENGINEERING	20	30	3
15FE1A04A7	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
15FE1A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	39	2
15FE1A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	18	45	2
15FE1A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15FE1A04A7	RT32049	SEMINAR	47	0	1
15FE1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	31	3
15FE1A04A8	RT32042	DIGITAL SIGNAL PROCESSING	27	62	3
15FE1A04A8	RT32043	DIGITAL COMMUNICATIONS	20	59	3
15FE1A04A8	RT32044	MICROWAVE ENGINEERING	21	38	3
15FE1A04A8	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
15FE1A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15FE1A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15FE1A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	48	2
15FE1A04A8	RT32049	SEMINAR	46	0	1
15FE1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	39	3
15FE1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
15FE1A04A9	RT32043	DIGITAL COMMUNICATIONS	21	24	3
15FE1A04A9	RT32044	MICROWAVE ENGINEERING	19	29	3
15FE1A04A9	RT32045A	BIO MEDICAL ENGINEERING	19	43	3
15FE1A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15FE1A04A9	RT32049	SEMINAR	48	0	1
15FE1A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	33	3
15FE1A04B0	RT32042	DIGITAL SIGNAL PROCESSING	23	42	3
15FE1A04B0	RT32043	DIGITAL COMMUNICATIONS	19	40	3
15FE1A04B0	RT32044	MICROWAVE ENGINEERING	23	59	3
15FE1A04B0	RT32045A	BIO MEDICAL ENGINEERING	21	30	3
15FE1A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15FE1A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15FE1A04B0	RT32049	SEMINAR	48	0	1
15FE1A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	58	3
15FE1A04B1	RT32042	DIGITAL SIGNAL PROCESSING	25	53	3
15FE1A04B1	RT32043	DIGITAL COMMUNICATIONS	25	68	3
15FE1A04B1	RT32044	MICROWAVE ENGINEERING	26	51	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04B1	RT32045A	BIO MEDICAL ENGINEERING	24	57	3
15FE1A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15FE1A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	38	2
15FE1A04B1	RT32049	SEMINAR	47	0	1
15FE1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	44	3
15FE1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	26	60	3
15FE1A04B2	RT32043	DIGITAL COMMUNICATIONS	21	50	3
15FE1A04B2	RT32044	MICROWAVE ENGINEERING	26	53	3
15FE1A04B2	RT32045A	BIO MEDICAL ENGINEERING	22	46	3
15FE1A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15FE1A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15FE1A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A04B2	RT32049	SEMINAR	47	0	1
15FE1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	42	3
15FE1A04B3	RT32042	DIGITAL SIGNAL PROCESSING	28	57	3
15FE1A04B3	RT32043	DIGITAL COMMUNICATIONS	24	56	3
15FE1A04B3	RT32044	MICROWAVE ENGINEERING	23	39	3
15FE1A04B3	RT32045A	BIO MEDICAL ENGINEERING	25	49	3
15FE1A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	42	2
15FE1A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A04B3	RT32049	SEMINAR	45	0	1
15FE1A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	42	3
15FE1A04B4	RT32042	DIGITAL SIGNAL PROCESSING	24	49	3
15FE1A04B4	RT32043	DIGITAL COMMUNICATIONS	18	39	3
15FE1A04B4	RT32044	MICROWAVE ENGINEERING	18	49	3
15FE1A04B4	RT32045A	BIO MEDICAL ENGINEERING	21	48	3
15FE1A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15FE1A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	22	38	2
15FE1A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15FE1A04B4	RT32049	SEMINAR	46	0	1
15FE1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	39	3
15FE1A04B5	RT32042	DIGITAL SIGNAL PROCESSING	22	39	3
15FE1A04B5	RT32043	DIGITAL COMMUNICATIONS	16	55	3
15FE1A04B5	RT32044	MICROWAVE ENGINEERING	17	32	3
15FE1A04B5	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
15FE1A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15FE1A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15FE1A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15FE1A04B5	RT32049	SEMINAR	47	0	1
15FE1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	41	3
15FE1A04B6	RT32042	DIGITAL SIGNAL PROCESSING	25	44	3
15FE1A04B6	RT32043	DIGITAL COMMUNICATIONS	22	56	3
15FE1A04B6	RT32044	MICROWAVE ENGINEERING	25	49	3
15FE1A04B6	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
15FE1A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15FE1A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15FE1A04B6	RT32049	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	43	3
15FE1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	24	45	3
15FE1A04B7	RT32043	DIGITAL COMMUNICATIONS	27	49	3
15FE1A04B7	RT32044	MICROWAVE ENGINEERING	23	43	3
15FE1A04B7	RT32045A	BIO MEDICAL ENGINEERING	21	54	3
15FE1A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15FE1A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A04B7	RT32049	SEMINAR	48	0	1
15FE1A04B8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	53	3
15FE1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	29	54	3
15FE1A04B8	RT32043	DIGITAL COMMUNICATIONS	23	36	3
15FE1A04B8	RT32044	MICROWAVE ENGINEERING	26	61	3
15FE1A04B8	RT32045A	BIO MEDICAL ENGINEERING	21	56	3
15FE1A04B8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15FE1A04B8	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A04B8	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A04B8	RT32049	SEMINAR	47	0	1
15FE1A04B9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	55	3
15FE1A04B9	RT32042	DIGITAL SIGNAL PROCESSING	27	37	3
15FE1A04B9	RT32043	DIGITAL COMMUNICATIONS	22	46	3
15FE1A04B9	RT32044	MICROWAVE ENGINEERING	25	48	3
15FE1A04B9	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
15FE1A04B9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15FE1A04B9	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A04B9	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15FE1A04B9	RT32049	SEMINAR	45	0	1
15FE1A04C0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	35	3
15FE1A04C0	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
15FE1A04C0	RT32043	DIGITAL COMMUNICATIONS	22	55	3
15FE1A04C0	RT32044	MICROWAVE ENGINEERING	23	36	3
15FE1A04C0	RT32045A	BIO MEDICAL ENGINEERING	24	39	3
15FE1A04C0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	41	2
15FE1A04C0	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15FE1A04C0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15FE1A04C0	RT32049	SEMINAR	46	0	1
15FE1A04C1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	45	3
15FE1A04C1	RT32042	DIGITAL SIGNAL PROCESSING	27	46	3
15FE1A04C1	RT32043	DIGITAL COMMUNICATIONS	25	55	3
15FE1A04C1	RT32044	MICROWAVE ENGINEERING	23	31	3
15FE1A04C1	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15FE1A04C1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15FE1A04C1	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A04C1	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04C1	RT32049	SEMINAR	47	0	1
15FE1A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	17	0
15FE1A04C2	RT32042	DIGITAL SIGNAL PROCESSING	24	43	3
15FE1A04C2	RT32043	DIGITAL COMMUNICATIONS	19	37	3
15FE1A04C2	RT32044	MICROWAVE ENGINEERING	16	42	3
15FE1A04C2	RT32045A	BIO MEDICAL ENGINEERING	23	60	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A04C2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15FE1A04C2	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A04C2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A04C2	RT32049	SEMINAR	48	0	1
15FE1A04C3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15FE1A04C3	RT32042	DIGITAL SIGNAL PROCESSING	27	42	3
15FE1A04C3	RT32043	DIGITAL COMMUNICATIONS	22	35	3
15FE1A04C3	RT32044	MICROWAVE ENGINEERING	20	30	3
15FE1A04C3	RT32045A	BIO MEDICAL ENGINEERING	22	37	3
15FE1A04C3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	41	2
15FE1A04C3	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A04C3	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04C3	RT32049	SEMINAR	48	0	1
15FE1A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15FE1A04C4	RT32042	DIGITAL SIGNAL PROCESSING	26	58	3
15FE1A04C4	RT32043	DIGITAL COMMUNICATIONS	24	60	3
15FE1A04C4	RT32044	MICROWAVE ENGINEERING	23	32	3
15FE1A04C4	RT32045A	BIO MEDICAL ENGINEERING	24	35	3
15FE1A04C4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A04C4	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04C4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A04C4	RT32049	SEMINAR	45	0	1
15FE1A04C5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	35	3
15FE1A04C5	RT32042	DIGITAL SIGNAL PROCESSING	26	39	3
15FE1A04C5	RT32043	DIGITAL COMMUNICATIONS	26	44	3
15FE1A04C5	RT32044	MICROWAVE ENGINEERING	17	24	3
15FE1A04C5	RT32045A	BIO MEDICAL ENGINEERING	25	34	3
15FE1A04C5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15FE1A04C5	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15FE1A04C5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15FE1A04C5	RT32049	SEMINAR	45	0	1
15FE1A04C6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	16	0
15FE1A04C6	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15FE1A04C6	RT32043	DIGITAL COMMUNICATIONS	18	25	3
15FE1A04C6	RT32044	MICROWAVE ENGINEERING	16	45	3
15FE1A04C6	RT32045A	BIO MEDICAL ENGINEERING	16	51	3
15FE1A04C6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	34	2
15FE1A04C6	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15FE1A04C6	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	32	2
15FE1A04C6	RT32049	SEMINAR	48	0	1
15FE1A04C7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	47	3
15FE1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	23	27	3
15FE1A04C7	RT32043	DIGITAL COMMUNICATIONS	17	32	3
15FE1A04C7	RT32044	MICROWAVE ENGINEERING	14	30	3
15FE1A04C7	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15FE1A04C7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15FE1A04C7	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A04C7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A04C7	RT32049	SEMINAR	46	0	1
15FE1A04C8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04C8	RT32042	DIGITAL SIGNAL PROCESSING	28	52	3
15FE1A04C8	RT32043	DIGITAL COMMUNICATIONS	21	48	3
15FE1A04C8	RT32044	MICROWAVE ENGINEERING	21	39	3
15FE1A04C8	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15FE1A04C8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
15FE1A04C8	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A04C8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15FE1A04C8	RT32049	SEMINAR	46	0	1
15FE1A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	39	3
15FE1A04C9	RT32042	DIGITAL SIGNAL PROCESSING	27	30	3
15FE1A04C9	RT32043	DIGITAL COMMUNICATIONS	20	47	3
15FE1A04C9	RT32044	MICROWAVE ENGINEERING	26	31	3
15FE1A04C9	RT32045A	BIO MEDICAL ENGINEERING	21	31	3
15FE1A04C9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15FE1A04C9	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A04C9	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15FE1A04C9	RT32049	SEMINAR	47	0	1
15FE1A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15FE1A04D0	RT32042	DIGITAL SIGNAL PROCESSING	28	44	3
15FE1A04D0	RT32043	DIGITAL COMMUNICATIONS	22	36	3
15FE1A04D0	RT32044	MICROWAVE ENGINEERING	21	46	3
15FE1A04D0	RT32045A	BIO MEDICAL ENGINEERING	21	40	3
15FE1A04D0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15FE1A04D0	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A04D0	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A04D0	RT32049	SEMINAR	49	0	1
15FE1A04D1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	48	3
15FE1A04D1	RT32042	DIGITAL SIGNAL PROCESSING	28	30	3
15FE1A04D1	RT32043	DIGITAL COMMUNICATIONS	22	46	3
15FE1A04D1	RT32044	MICROWAVE ENGINEERING	18	24	3
15FE1A04D1	RT32045A	BIO MEDICAL ENGINEERING	20	33	3
15FE1A04D1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15FE1A04D1	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04D1	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04D1	RT32049	SEMINAR	48	0	1
15FE1A04D2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	27	3
15FE1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	26	58	3
15FE1A04D2	RT32043	DIGITAL COMMUNICATIONS	21	58	3
15FE1A04D2	RT32044	MICROWAVE ENGINEERING	24	38	3
15FE1A04D2	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
15FE1A04D2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15FE1A04D2	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15FE1A04D2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A04D2	RT32049	SEMINAR	49	0	1
15FE1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	29	3
15FE1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	28	54	3
15FE1A04D3	RT32043	DIGITAL COMMUNICATIONS	24	39	3
15FE1A04D3	RT32044	MICROWAVE ENGINEERING	20	24	3
15FE1A04D3	RT32045A	BIO MEDICAL ENGINEERING	22	38	3
15FE1A04D3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04D3	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15FE1A04D3	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A04D3	RT32049	SEMINAR	45	0	1
15FE1A04D4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15FE1A04D4	RT32042	DIGITAL SIGNAL PROCESSING	29	39	3
15FE1A04D4	RT32043	DIGITAL COMMUNICATIONS	20	41	3
15FE1A04D4	RT32044	MICROWAVE ENGINEERING	24	50	3
15FE1A04D4	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
15FE1A04D4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15FE1A04D4	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15FE1A04D4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A04D4	RT32049	SEMINAR	50	0	1
15FE1A04D5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	49	3
15FE1A04D5	RT32042	DIGITAL SIGNAL PROCESSING	27	36	3
15FE1A04D5	RT32043	DIGITAL COMMUNICATIONS	23	50	3
15FE1A04D5	RT32044	MICROWAVE ENGINEERING	19	43	3
15FE1A04D5	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
15FE1A04D5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
15FE1A04D5	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15FE1A04D5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04D5	RT32049	SEMINAR	48	0	1
15FE1A04D6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	27	3
15FE1A04D6	RT32042	DIGITAL SIGNAL PROCESSING	26	34	3
15FE1A04D6	RT32043	DIGITAL COMMUNICATIONS	23	44	3
15FE1A04D6	RT32044	MICROWAVE ENGINEERING	19	27	3
15FE1A04D6	RT32045A	BIO MEDICAL ENGINEERING	23	41	3
15FE1A04D6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15FE1A04D6	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A04D6	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
15FE1A04D6	RT32049	SEMINAR	48	0	1
15FE1A04D7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	40	3
15FE1A04D7	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15FE1A04D7	RT32043	DIGITAL COMMUNICATIONS	21	41	3
15FE1A04D7	RT32044	MICROWAVE ENGINEERING	19	29	3
15FE1A04D7	RT32045A	BIO MEDICAL ENGINEERING	21	46	3
15FE1A04D7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	29	2
15FE1A04D7	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
15FE1A04D7	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A04D7	RT32049	SEMINAR	46	0	1
15FE1A04D8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
15FE1A04D8	RT32042	DIGITAL SIGNAL PROCESSING	28	41	3
15FE1A04D8	RT32043	DIGITAL COMMUNICATIONS	24	35	3
15FE1A04D8	RT32044	MICROWAVE ENGINEERING	23	54	3
15FE1A04D8	RT32045A	BIO MEDICAL ENGINEERING	23	49	3
15FE1A04D8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15FE1A04D8	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15FE1A04D8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15FE1A04D8	RT32049	SEMINAR	47	0	1
15FE1A04D9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	46	3
15FE1A04D9	RT32042	DIGITAL SIGNAL PROCESSING	26	33	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04D9	RT32043	DIGITAL COMMUNICATIONS	22	56	3
15FE1A04D9	RT32044	MICROWAVE ENGINEERING	24	28	3
15FE1A04D9	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
15FE1A04D9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
15FE1A04D9	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15FE1A04D9	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04D9	RT32049	SEMINAR	48	0	1
15FE1A04E0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	37	3
15FE1A04E0	RT32042	DIGITAL SIGNAL PROCESSING	27	60	3
15FE1A04E0	RT32043	DIGITAL COMMUNICATIONS	27	60	3
15FE1A04E0	RT32044	MICROWAVE ENGINEERING	26	44	3
15FE1A04E0	RT32045A	BIO MEDICAL ENGINEERING	25	48	3
15FE1A04E0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A04E0	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15FE1A04E0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A04E0	RT32049	SEMINAR	48	0	1
15FE1A04E1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	46	3
15FE1A04E1	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
15FE1A04E1	RT32043	DIGITAL COMMUNICATIONS	23	60	3
15FE1A04E1	RT32044	MICROWAVE ENGINEERING	25	34	3
15FE1A04E1	RT32045A	BIO MEDICAL ENGINEERING	21	53	3
15FE1A04E1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A04E1	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A04E1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	43	2
15FE1A04E1	RT32049	SEMINAR	48	0	1
15FE1A04E2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
15FE1A04E2	RT32042	DIGITAL SIGNAL PROCESSING	26	35	3
15FE1A04E2	RT32043	DIGITAL COMMUNICATIONS	21	28	3
15FE1A04E2	RT32044	MICROWAVE ENGINEERING	19	51	3
15FE1A04E2	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
15FE1A04E2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15FE1A04E2	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15FE1A04E2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15FE1A04E2	RT32049	SEMINAR	46	0	1
15FE1A04E3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	52	3
15FE1A04E3	RT32042	DIGITAL SIGNAL PROCESSING	27	41	3
15FE1A04E3	RT32043	DIGITAL COMMUNICATIONS	18	55	3
15FE1A04E3	RT32044	MICROWAVE ENGINEERING	19	46	3
15FE1A04E3	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
15FE1A04E3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15FE1A04E3	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A04E3	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04E3	RT32049	SEMINAR	45	0	1
15FE1A04E4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	36	3
15FE1A04E4	RT32042	DIGITAL SIGNAL PROCESSING	27	34	3
15FE1A04E4	RT32043	DIGITAL COMMUNICATIONS	17	32	3
15FE1A04E4	RT32044	MICROWAVE ENGINEERING	18	29	3
15FE1A04E4	RT32045A	BIO MEDICAL ENGINEERING	16	39	3
15FE1A04E4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
15FE1A04E4	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04E4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15FE1A04E4	RT32049	SEMINAR	43	0	1
15FE1A04E5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	54	3
15FE1A04E5	RT32042	DIGITAL SIGNAL PROCESSING	28	53	3
15FE1A04E5	RT32043	DIGITAL COMMUNICATIONS	24	51	3
15FE1A04E5	RT32044	MICROWAVE ENGINEERING	25	40	3
15FE1A04E5	RT32045A	BIO MEDICAL ENGINEERING	22	52	3
15FE1A04E5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04E5	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04E5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15FE1A04E5	RT32049	SEMINAR	45	0	1
15FE1A04E6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	35	3
15FE1A04E6	RT32042	DIGITAL SIGNAL PROCESSING	27	53	3
15FE1A04E6	RT32043	DIGITAL COMMUNICATIONS	29	68	3
15FE1A04E6	RT32044	MICROWAVE ENGINEERING	29	50	3
15FE1A04E6	RT32045A	BIO MEDICAL ENGINEERING	23	49	3
15FE1A04E6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15FE1A04E6	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A04E6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A04E6	RT32049	SEMINAR	48	0	1
15FE1A04E7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	46	3
15FE1A04E7	RT32042	DIGITAL SIGNAL PROCESSING	29	49	3
15FE1A04E7	RT32043	DIGITAL COMMUNICATIONS	22	53	3
15FE1A04E7	RT32044	MICROWAVE ENGINEERING	20	45	3
15FE1A04E7	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15FE1A04E7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A04E7	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A04E7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	44	2
15FE1A04E7	RT32049	SEMINAR	50	0	1
15FE1A04E8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	40	3
15FE1A04E8	RT32042	DIGITAL SIGNAL PROCESSING	26	63	3
15FE1A04E8	RT32043	DIGITAL COMMUNICATIONS	22	44	3
15FE1A04E8	RT32044	MICROWAVE ENGINEERING	22	30	3
15FE1A04E8	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
15FE1A04E8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15FE1A04E8	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04E8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	32	2
15FE1A04E8	RT32049	SEMINAR	47	0	1
15FE1A04E9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	47	3
15FE1A04E9	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
15FE1A04E9	RT32043	DIGITAL COMMUNICATIONS	22	51	3
15FE1A04E9	RT32044	MICROWAVE ENGINEERING	23	24	3
15FE1A04E9	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
15FE1A04E9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
15FE1A04E9	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15FE1A04E9	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
15FE1A04E9	RT32049	SEMINAR	46	0	1
15FE1A04F0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15FE1A04F0	RT32042	DIGITAL SIGNAL PROCESSING	25	52	3
15FE1A04F0	RT32043	DIGITAL COMMUNICATIONS	22	57	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04F0	RT32044	MICROWAVE ENGINEERING	19	54	3
15FE1A04F0	RT32045A	BIO MEDICAL ENGINEERING	25	39	3
15FE1A04F0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15FE1A04F0	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A04F0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15FE1A04F0	RT32049	SEMINAR	47	0	1
15FE1A04F1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15FE1A04F1	RT32042	DIGITAL SIGNAL PROCESSING	26	26	3
15FE1A04F1	RT32043	DIGITAL COMMUNICATIONS	16	29	3
15FE1A04F1	RT32044	MICROWAVE ENGINEERING	20	30	3
15FE1A04F1	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15FE1A04F1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15FE1A04F1	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15FE1A04F1	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15FE1A04F1	RT32049	SEMINAR	46	0	1
15FE1A04F2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	34	3
15FE1A04F2	RT32042	DIGITAL SIGNAL PROCESSING	25	63	3
15FE1A04F2	RT32043	DIGITAL COMMUNICATIONS	23	43	3
15FE1A04F2	RT32044	MICROWAVE ENGINEERING	25	41	3
15FE1A04F2	RT32045A	BIO MEDICAL ENGINEERING	22	32	3
15FE1A04F2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15FE1A04F2	RT32047	DIGITAL COMMUNICATIONS LAB	20	47	2
15FE1A04F2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
15FE1A04F2	RT32049	SEMINAR	46	0	1
15FE1A04F3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	42	3
15FE1A04F3	RT32042	DIGITAL SIGNAL PROCESSING	27	38	3
15FE1A04F3	RT32043	DIGITAL COMMUNICATIONS	19	47	3
15FE1A04F3	RT32044	MICROWAVE ENGINEERING	22	25	3
15FE1A04F3	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
15FE1A04F3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	34	2
15FE1A04F3	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15FE1A04F3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15FE1A04F3	RT32049	SEMINAR	44	0	1
15FE1A04F4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	36	3
15FE1A04F4	RT32042	DIGITAL SIGNAL PROCESSING	27	41	3
15FE1A04F4	RT32043	DIGITAL COMMUNICATIONS	21	43	3
15FE1A04F4	RT32044	MICROWAVE ENGINEERING	18	52	3
15FE1A04F4	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
15FE1A04F4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15FE1A04F4	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15FE1A04F4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04F4	RT32049	SEMINAR	49	0	1
15FE1A04F5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	50	3
15FE1A04F5	RT32042	DIGITAL SIGNAL PROCESSING	26	43	3
15FE1A04F5	RT32043	DIGITAL COMMUNICATIONS	24	59	3
15FE1A04F5	RT32044	MICROWAVE ENGINEERING	23	37	3
15FE1A04F5	RT32045A	BIO MEDICAL ENGINEERING	20	48	3
15FE1A04F5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04F5	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A04F5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04F5	RT32049	SEMINAR	46	0	1
15FE1A04F6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
15FE1A04F6	RT32042	DIGITAL SIGNAL PROCESSING	25	32	3
15FE1A04F6	RT32043	DIGITAL COMMUNICATIONS	18	34	3
15FE1A04F6	RT32044	MICROWAVE ENGINEERING	17	12	0
15FE1A04F6	RT32045A	BIO MEDICAL ENGINEERING	20	12	0
15FE1A04F6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	43	2
15FE1A04F6	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A04F6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15FE1A04F6	RT32049	SEMINAR	45	0	1
15FE1A04F7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	37	3
15FE1A04F7	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
15FE1A04F7	RT32043	DIGITAL COMMUNICATIONS	20	39	3
15FE1A04F7	RT32044	MICROWAVE ENGINEERING	25	31	3
15FE1A04F7	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
15FE1A04F7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15FE1A04F7	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04F7	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15FE1A04F7	RT32049	SEMINAR	46	0	1
15FE1A04F8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	18	0
15FE1A04F8	RT32042	DIGITAL SIGNAL PROCESSING	26	46	3
15FE1A04F8	RT32043	DIGITAL COMMUNICATIONS	23	48	3
15FE1A04F8	RT32044	MICROWAVE ENGINEERING	23	50	3
15FE1A04F8	RT32045A	BIO MEDICAL ENGINEERING	21	29	3
15FE1A04F8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15FE1A04F8	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15FE1A04F8	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15FE1A04F8	RT32049	SEMINAR	45	0	1
15FE1A04F9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	57	3
15FE1A04F9	RT32042	DIGITAL SIGNAL PROCESSING	29	56	3
15FE1A04F9	RT32043	DIGITAL COMMUNICATIONS	27	67	3
15FE1A04F9	RT32044	MICROWAVE ENGINEERING	24	42	3
15FE1A04F9	RT32045A	BIO MEDICAL ENGINEERING	24	56	3
15FE1A04F9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15FE1A04F9	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15FE1A04F9	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15FE1A04F9	RT32049	SEMINAR	47	0	1
15FE1A04G0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	9	0
15FE1A04G0	RT32042	DIGITAL SIGNAL PROCESSING	23	44	3
15FE1A04G0	RT32043	DIGITAL COMMUNICATIONS	22	31	3
15FE1A04G0	RT32044	MICROWAVE ENGINEERING	17	4	0
15FE1A04G0	RT32045A	BIO MEDICAL ENGINEERING	20	9	0
15FE1A04G0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	29	2
15FE1A04G0	RT32047	DIGITAL COMMUNICATIONS LAB	16	44	2
15FE1A04G0	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15FE1A04G0	RT32049	SEMINAR	45	0	1
15FE1A04G1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15FE1A04G1	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15FE1A04G1	RT32043	DIGITAL COMMUNICATIONS	19	50	3
15FE1A04G1	RT32044	MICROWAVE ENGINEERING	26	33	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A04G1	RT32045A	BIO MEDICAL ENGINEERING	25	48	3
15FE1A04G1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04G1	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15FE1A04G1	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15FE1A04G1	RT32049	SEMINAR	44	0	1
15FE1A04G2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	10	0
15FE1A04G2	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15FE1A04G2	RT32043	DIGITAL COMMUNICATIONS	20	30	3
15FE1A04G2	RT32044	MICROWAVE ENGINEERING	19	39	3
15FE1A04G2	RT32045A	BIO MEDICAL ENGINEERING	25	33	3
15FE1A04G2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15FE1A04G2	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15FE1A04G2	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15FE1A04G2	RT32049	SEMINAR	46	0	1
15FE1A04G3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	51	3
15FE1A04G3	RT32042	DIGITAL SIGNAL PROCESSING	26	41	3
15FE1A04G3	RT32043	DIGITAL COMMUNICATIONS	24	57	3
15FE1A04G3	RT32044	MICROWAVE ENGINEERING	23	37	3
15FE1A04G3	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
15FE1A04G3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15FE1A04G3	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15FE1A04G3	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15FE1A04G3	RT32049	SEMINAR	44	0	1
15FE1A04G4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	42	3
15FE1A04G4	RT32042	DIGITAL SIGNAL PROCESSING	27	51	3
15FE1A04G4	RT32043	DIGITAL COMMUNICATIONS	22	56	3
15FE1A04G4	RT32044	MICROWAVE ENGINEERING	26	41	3
15FE1A04G4	RT32045A	BIO MEDICAL ENGINEERING	20	38	3
15FE1A04G4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15FE1A04G4	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15FE1A04G4	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15FE1A04G4	RT32049	SEMINAR	47	0	1
15FE1A04G5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	46	3
15FE1A04G5	RT32042	DIGITAL SIGNAL PROCESSING	28	44	3
15FE1A04G5	RT32043	DIGITAL COMMUNICATIONS	27	49	3
15FE1A04G5	RT32044	MICROWAVE ENGINEERING	25	37	3
15FE1A04G5	RT32045A	BIO MEDICAL ENGINEERING	26	59	3
15FE1A04G5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15FE1A04G5	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15FE1A04G5	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15FE1A04G5	RT32049	SEMINAR	50	0	1
15FE1A04G6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	42	3
15FE1A04G6	RT32042	DIGITAL SIGNAL PROCESSING	27	46	3
15FE1A04G6	RT32043	DIGITAL COMMUNICATIONS	22	68	3
15FE1A04G6	RT32044	MICROWAVE ENGINEERING	23	46	3
15FE1A04G6	RT32045A	BIO MEDICAL ENGINEERING	26	35	3
15FE1A04G6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15FE1A04G6	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15FE1A04G6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15FE1A04G6	RT32049	SEMINAR	50	0	1



Htno	Subcode	Subname	Internal	External	Credits
15FE1A04G7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	48	3
15FE1A04G7	RT32042	DIGITAL SIGNAL PROCESSING	24	44	3
15FE1A04G7	RT32043	DIGITAL COMMUNICATIONS	18	43	3
15FE1A04G7	RT32044	MICROWAVE ENGINEERING	23	44	3
15FE1A04G7	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
15FE1A04G7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
15FE1A04G7	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15FE1A04G7	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	34	2
15FE1A04G7	RT32049	SEMINAR	49	0	1
15FE1A0501	RT32051	SOFTWARE ENGINEERING	27	32	3
15FE1A0501	RT32052	DATA WARE HOUSING AND MINING	23	36	3
15FE1A0501	RT32053	COMPUTER NETWORKS	30	43	3
15FE1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
15FE1A0501	RT32055	WEB TECHNOLOGIES	23	27	3
15FE1A0501	RT32056	IPR AND PATENTS	21	49	2
15FE1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A0501	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A0501	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15FE1A0502	RT32051	SOFTWARE ENGINEERING	18	24	3
15FE1A0502	RT32052	DATA WARE HOUSING AND MINING	16	10	0
15FE1A0502	RT32053	COMPUTER NETWORKS	20	26	3
15FE1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	7	0
15FE1A0502	RT32055	WEB TECHNOLOGIES	19	16	0
15FE1A0502	RT32056	IPR AND PATENTS	20	34	2
15FE1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15FE1A0502	RT32058	SOFTWARE ENGINEERING LAB	16	39	2
15FE1A0502	RT32059	WEB TECHNOLOGIES LAB	19	34	2
15FE1A0503	RT32051	SOFTWARE ENGINEERING	22	31	3
15FE1A0503	RT32052	DATA WARE HOUSING AND MINING	21	26	3
15FE1A0503	RT32053	COMPUTER NETWORKS	22	27	3
15FE1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	35	3
15FE1A0503	RT32055	WEB TECHNOLOGIES	25	34	3
15FE1A0503	RT32056	IPR AND PATENTS	22	41	2
15FE1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	45	2
15FE1A0503	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15FE1A0503	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15FE1A0504	RT32051	SOFTWARE ENGINEERING	22	34	3
15FE1A0504	RT32052	DATA WARE HOUSING AND MINING	17	30	3
15FE1A0504	RT32053	COMPUTER NETWORKS	24	33	3
15FE1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	37	3
15FE1A0504	RT32055	WEB TECHNOLOGIES	21	14	0
15FE1A0504	RT32056	IPR AND PATENTS	20	33	2
15FE1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	39	2
15FE1A0504	RT32058	SOFTWARE ENGINEERING LAB	16	41	2
15FE1A0504	RT32059	WEB TECHNOLOGIES LAB	19	39	2
15FE1A0505	RT32051	SOFTWARE ENGINEERING	26	43	3
15FE1A0505	RT32052	DATA WARE HOUSING AND MINING	26	40	3
15FE1A0505	RT32053	COMPUTER NETWORKS	25	51	3
15FE1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15FE1A0505	RT32055	WEB TECHNOLOGIES	25	27	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0505	RT32056	IPR AND PATENTS	23	50	2
15FE1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A0505	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A0505	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0506	RT32051	SOFTWARE ENGINEERING	22	42	3
15FE1A0506	RT32052	DATA WARE HOUSING AND MINING	22	46	3
15FE1A0506	RT32053	COMPUTER NETWORKS	24	46	3
15FE1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	51	3
15FE1A0506	RT32055	WEB TECHNOLOGIES	23	49	3
15FE1A0506	RT32056	IPR AND PATENTS	24	39	2
15FE1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A0506	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
15FE1A0506	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15FE1A0507	RT32051	SOFTWARE ENGINEERING	23	37	3
15FE1A0507	RT32052	DATA WARE HOUSING AND MINING	20	28	3
15FE1A0507	RT32053	COMPUTER NETWORKS	23	38	3
15FE1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	40	3
15FE1A0507	RT32055	WEB TECHNOLOGIES	24	37	3
15FE1A0507	RT32056	IPR AND PATENTS	22	42	2
15FE1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15FE1A0507	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15FE1A0507	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15FE1A0508	RT32051	SOFTWARE ENGINEERING	21	36	3
15FE1A0508	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15FE1A0508	RT32053	COMPUTER NETWORKS	19	39	3
15FE1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	52	3
15FE1A0508	RT32055	WEB TECHNOLOGIES	19	36	3
15FE1A0508	RT32056	IPR AND PATENTS	24	34	2
15FE1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15FE1A0508	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15FE1A0508	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15FE1A0509	RT32051	SOFTWARE ENGINEERING	25	31	3
15FE1A0509	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15FE1A0509	RT32053	COMPUTER NETWORKS	27	44	3
15FE1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15FE1A0509	RT32055	WEB TECHNOLOGIES	29	28	3
15FE1A0509	RT32056	IPR AND PATENTS	24	45	2
15FE1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15FE1A0509	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
15FE1A0509	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15FE1A0510	RT32051	SOFTWARE ENGINEERING	25	51	3
15FE1A0510	RT32052	DATA WARE HOUSING AND MINING	28	53	3
15FE1A0510	RT32053	COMPUTER NETWORKS	30	59	3
15FE1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	65	3
15FE1A0510	RT32055	WEB TECHNOLOGIES	30	54	3
15FE1A0510	RT32056	IPR AND PATENTS	24	43	2
15FE1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15FE1A0510	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15FE1A0510	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15FE1A0511	RT32051	SOFTWARE ENGINEERING	23	46	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0511	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15FE1A0511	RT32053	COMPUTER NETWORKS	25	44	3
15FE1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
15FE1A0511	RT32055	WEB TECHNOLOGIES	20	44	3
15FE1A0511	RT32056	IPR AND PATENTS	24	46	2
15FE1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A0511	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A0511	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15FE1A0512	RT32051	SOFTWARE ENGINEERING	25	62	3
15FE1A0512	RT32052	DATA WARE HOUSING AND MINING	29	44	3
15FE1A0512	RT32053	COMPUTER NETWORKS	30	53	3
15FE1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	69	3
15FE1A0512	RT32055	WEB TECHNOLOGIES	28	46	3
15FE1A0512	RT32056	IPR AND PATENTS	25	49	2
15FE1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A0512	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15FE1A0512	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0513	RT32051	SOFTWARE ENGINEERING	24	36	3
15FE1A0513	RT32052	DATA WARE HOUSING AND MINING	22	39	3
15FE1A0513	RT32053	COMPUTER NETWORKS	23	50	3
15FE1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	38	3
15FE1A0513	RT32055	WEB TECHNOLOGIES	24	27	3
15FE1A0513	RT32056	IPR AND PATENTS	24	52	2
15FE1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	43	2
15FE1A0513	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A0513	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A0514	RT32051	SOFTWARE ENGINEERING	25	46	3
15FE1A0514	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15FE1A0514	RT32053	COMPUTER NETWORKS	24	51	3
15FE1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15FE1A0514	RT32055	WEB TECHNOLOGIES	25	51	3
15FE1A0514	RT32056	IPR AND PATENTS	25	40	2
15FE1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15FE1A0514	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15FE1A0514	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0516	RT32051	SOFTWARE ENGINEERING	22	42	3
15FE1A0516	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15FE1A0516	RT32053	COMPUTER NETWORKS	19	42	3
15FE1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15FE1A0516	RT32055	WEB TECHNOLOGIES	23	31	3
15FE1A0516	RT32056	IPR AND PATENTS	22	40	2
15FE1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15FE1A0516	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0516	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15FE1A0517	RT32051	SOFTWARE ENGINEERING	15	34	3
15FE1A0517	RT32052	DATA WARE HOUSING AND MINING	21	32	3
15FE1A0517	RT32053	COMPUTER NETWORKS	19	32	3
15FE1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	52	3
15FE1A0517	RT32055	WEB TECHNOLOGIES	25	10	0
15FE1A0517	RT32056	IPR AND PATENTS	21	33	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15FE1A0517	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15FE1A0517	RT32059	WEB TECHNOLOGIES LAB	19	32	2
15FE1A0518	RT32051	SOFTWARE ENGINEERING	19	24	3
15FE1A0518	RT32052	DATA WARE HOUSING AND MINING	19	34	3
15FE1A0518	RT32053	COMPUTER NETWORKS	20	30	3
15FE1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	26	3
15FE1A0518	RT32055	WEB TECHNOLOGIES	25	28	3
15FE1A0518	RT32056	IPR AND PATENTS	19	43	2
15FE1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15FE1A0518	RT32058	SOFTWARE ENGINEERING LAB	21	38	2
15FE1A0518	RT32059	WEB TECHNOLOGIES LAB	20	38	2
15FE1A0519	RT32051	SOFTWARE ENGINEERING	23	32	3
15FE1A0519	RT32052	DATA WARE HOUSING AND MINING	22	38	3
15FE1A0519	RT32053	COMPUTER NETWORKS	28	35	3
15FE1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15FE1A0519	RT32055	WEB TECHNOLOGIES	27	47	3
15FE1A0519	RT32056	IPR AND PATENTS	20	39	2
15FE1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15FE1A0519	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15FE1A0519	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15FE1A0520	RT32051	SOFTWARE ENGINEERING	19	37	3
15FE1A0520	RT32052	DATA WARE HOUSING AND MINING	18	26	3
15FE1A0520	RT32053	COMPUTER NETWORKS	22	44	3
15FE1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	41	3
15FE1A0520	RT32055	WEB TECHNOLOGIES	26	32	3
15FE1A0520	RT32056	IPR AND PATENTS	21	44	2
15FE1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	42	2
15FE1A0520	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15FE1A0520	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15FE1A0521	RT32051	SOFTWARE ENGINEERING	18	33	3
15FE1A0521	RT32052	DATA WARE HOUSING AND MINING	20	35	3
15FE1A0521	RT32053	COMPUTER NETWORKS	25	37	3
15FE1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	44	3
15FE1A0521	RT32055	WEB TECHNOLOGIES	21	34	3
15FE1A0521	RT32056	IPR AND PATENTS	23	36	2
15FE1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15FE1A0521	RT32058	SOFTWARE ENGINEERING LAB	19	42	2
15FE1A0521	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15FE1A0522	RT32051	SOFTWARE ENGINEERING	26	48	3
15FE1A0522	RT32052	DATA WARE HOUSING AND MINING	26	39	3
15FE1A0522	RT32053	COMPUTER NETWORKS	27	46	3
15FE1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15FE1A0522	RT32055	WEB TECHNOLOGIES	26	32	3
15FE1A0522	RT32056	IPR AND PATENTS	25	57	2
15FE1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A0522	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A0522	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15FE1A0523	RT32051	SOFTWARE ENGINEERING	19	30	3
15FE1A0523	RT32052	DATA WARE HOUSING AND MINING	19	42	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0523	RT32053	COMPUTER NETWORKS	21	43	3
15FE1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	43	3
15FE1A0523	RT32055	WEB TECHNOLOGIES	23	40	3
15FE1A0523	RT32056	IPR AND PATENTS	25	39	2
15FE1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A0523	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15FE1A0523	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15FE1A0524	RT32051	SOFTWARE ENGINEERING	24	51	3
15FE1A0524	RT32052	DATA WARE HOUSING AND MINING	22	27	3
15FE1A0524	RT32053	COMPUTER NETWORKS	24	46	3
15FE1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15FE1A0524	RT32055	WEB TECHNOLOGIES	27	37	3
15FE1A0524	RT32056	IPR AND PATENTS	22	38	2
15FE1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15FE1A0524	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15FE1A0524	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15FE1A0525	RT32051	SOFTWARE ENGINEERING	22	35	3
15FE1A0525	RT32052	DATA WARE HOUSING AND MINING	21	36	3
15FE1A0525	RT32053	COMPUTER NETWORKS	26	55	3
15FE1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	59	3
15FE1A0525	RT32055	WEB TECHNOLOGIES	26	37	3
15FE1A0525	RT32056	IPR AND PATENTS	23	44	2
15FE1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A0525	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A0525	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15FE1A0526	RT32051	SOFTWARE ENGINEERING	23	35	3
15FE1A0526	RT32052	DATA WARE HOUSING AND MINING	20	38	3
15FE1A0526	RT32053	COMPUTER NETWORKS	24	37	3
15FE1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	27	3
15FE1A0526	RT32055	WEB TECHNOLOGIES	26	27	3
15FE1A0526	RT32056	IPR AND PATENTS	25	44	2
15FE1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15FE1A0526	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15FE1A0526	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15FE1A0527	RT32051	SOFTWARE ENGINEERING	22	32	3
15FE1A0527	RT32052	DATA WARE HOUSING AND MINING	23	40	3
15FE1A0527	RT32053	COMPUTER NETWORKS	25	47	3
15FE1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	64	3
15FE1A0527	RT32055	WEB TECHNOLOGIES	26	50	3
15FE1A0527	RT32056	IPR AND PATENTS	25	42	2
15FE1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	42	2
15FE1A0527	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15FE1A0527	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15FE1A0528	RT32051	SOFTWARE ENGINEERING	24	54	3
15FE1A0528	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15FE1A0528	RT32053	COMPUTER NETWORKS	24	41	3
15FE1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15FE1A0528	RT32055	WEB TECHNOLOGIES	26	38	3
15FE1A0528	RT32056	IPR AND PATENTS	24	39	2
15FE1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0528	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A0528	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15FE1A0529	RT32051	SOFTWARE ENGINEERING	26	62	3
15FE1A0529	RT32052	DATA WARE HOUSING AND MINING	25	47	3
15FE1A0529	RT32053	COMPUTER NETWORKS	27	45	3
15FE1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	60	3
15FE1A0529	RT32055	WEB TECHNOLOGIES	28	39	3
15FE1A0529	RT32056	IPR AND PATENTS	25	44	2
15FE1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A0529	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15FE1A0529	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A0530	RT32051	SOFTWARE ENGINEERING	26	47	3
15FE1A0530	RT32052	DATA WARE HOUSING AND MINING	25	38	3
15FE1A0530	RT32053	COMPUTER NETWORKS	26	44	3
15FE1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	48	3
15FE1A0530	RT32055	WEB TECHNOLOGIES	29	36	3
15FE1A0530	RT32056	IPR AND PATENTS	25	53	2
15FE1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A0530	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15FE1A0530	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0531	RT32051	SOFTWARE ENGINEERING	21	37	3
15FE1A0531	RT32052	DATA WARE HOUSING AND MINING	19	36	3
15FE1A0531	RT32053	COMPUTER NETWORKS	26	43	3
15FE1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	52	3
15FE1A0531	RT32055	WEB TECHNOLOGIES	20	50	3
15FE1A0531	RT32056	IPR AND PATENTS	28	37	2
15FE1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
15FE1A0531	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A0531	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0532	RT32051	SOFTWARE ENGINEERING	26	47	3
15FE1A0532	RT32052	DATA WARE HOUSING AND MINING	23	45	3
15FE1A0532	RT32053	COMPUTER NETWORKS	25	38	3
15FE1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	52	3
15FE1A0532	RT32055	WEB TECHNOLOGIES	24	53	3
15FE1A0532	RT32056	IPR AND PATENTS	22	44	2
15FE1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A0532	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0532	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15FE1A0533	RT32051	SOFTWARE ENGINEERING	26	70	3
15FE1A0533	RT32052	DATA WARE HOUSING AND MINING	23	51	3
15FE1A0533	RT32053	COMPUTER NETWORKS	28	43	3
15FE1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	60	3
15FE1A0533	RT32055	WEB TECHNOLOGIES	24	38	3
15FE1A0533	RT32056	IPR AND PATENTS	26	48	2
15FE1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	48	2
15FE1A0533	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15FE1A0533	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0534	RT32051	SOFTWARE ENGINEERING	19	31	3
15FE1A0534	RT32052	DATA WARE HOUSING AND MINING	22	30	3
15FE1A0534	RT32053	COMPUTER NETWORKS	21	32	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	29	3
15FE1A0534	RT32055	WEB TECHNOLOGIES	18	24	3
15FE1A0534	RT32056	IPR AND PATENTS	20	38	2
15FE1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15FE1A0534	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15FE1A0534	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15FE1A0535	RT32051	SOFTWARE ENGINEERING	21	30	3
15FE1A0535	RT32052	DATA WARE HOUSING AND MINING	22	33	3
15FE1A0535	RT32053	COMPUTER NETWORKS	24	41	3
15FE1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	49	3
15FE1A0535	RT32055	WEB TECHNOLOGIES	23	52	3
15FE1A0535	RT32056	IPR AND PATENTS	24	39	2
15FE1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15FE1A0535	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0535	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15FE1A0536	RT32051	SOFTWARE ENGINEERING	24	55	3
15FE1A0536	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15FE1A0536	RT32053	COMPUTER NETWORKS	29	54	3
15FE1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	61	3
15FE1A0536	RT32055	WEB TECHNOLOGIES	29	53	3
15FE1A0536	RT32056	IPR AND PATENTS	27	47	2
15FE1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A0536	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15FE1A0536	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0537	RT32051	SOFTWARE ENGINEERING	25	53	3
15FE1A0537	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15FE1A0537	RT32053	COMPUTER NETWORKS	27	47	3
15FE1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	57	3
15FE1A0537	RT32055	WEB TECHNOLOGIES	27	43	3
15FE1A0537	RT32056	IPR AND PATENTS	27	55	2
15FE1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15FE1A0537	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15FE1A0537	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A0538	RT32051	SOFTWARE ENGINEERING	20	24	3
15FE1A0538	RT32052	DATA WARE HOUSING AND MINING	21	36	3
15FE1A0538	RT32053	COMPUTER NETWORKS	19	33	3
15FE1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	37	3
15FE1A0538	RT32055	WEB TECHNOLOGIES	18	27	3
15FE1A0538	RT32056	IPR AND PATENTS	23	39	2
15FE1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15FE1A0538	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15FE1A0538	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15FE1A0539	RT32051	SOFTWARE ENGINEERING	18	24	3
15FE1A0539	RT32052	DATA WARE HOUSING AND MINING	17	32	3
15FE1A0539	RT32053	COMPUTER NETWORKS	16	29	3
15FE1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	37	3
15FE1A0539	RT32055	WEB TECHNOLOGIES	18	24	3
15FE1A0539	RT32056	IPR AND PATENTS	22	30	2
15FE1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15FE1A0539	RT32058	SOFTWARE ENGINEERING LAB	20	41	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0539	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15FE1A0540	RT32051	SOFTWARE ENGINEERING	23	38	3
15FE1A0540	RT32052	DATA WARE HOUSING AND MINING	19	28	3
15FE1A0540	RT32053	COMPUTER NETWORKS	16	42	3
15FE1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	48	3
15FE1A0540	RT32055	WEB TECHNOLOGIES	16	45	3
15FE1A0540	RT32056	IPR AND PATENTS	25	43	2
15FE1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	47	2
15FE1A0540	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15FE1A0540	RT32059	WEB TECHNOLOGIES LAB	25	45	2
15FE1A0541	RT32051	SOFTWARE ENGINEERING	20	53	3
15FE1A0541	RT32052	DATA WARE HOUSING AND MINING	21	38	3
15FE1A0541	RT32053	COMPUTER NETWORKS	19	28	3
15FE1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	56	3
15FE1A0541	RT32055	WEB TECHNOLOGIES	19	27	3
15FE1A0541	RT32056	IPR AND PATENTS	25	34	2
15FE1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A0541	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0541	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15FE1A0542	RT32051	SOFTWARE ENGINEERING	19	47	3
15FE1A0542	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15FE1A0542	RT32053	COMPUTER NETWORKS	18	29	3
15FE1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	31	3
15FE1A0542	RT32055	WEB TECHNOLOGIES	17	27	3
15FE1A0542	RT32056	IPR AND PATENTS	21	48	2
15FE1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	42	2
15FE1A0542	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15FE1A0542	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15FE1A0543	RT32051	SOFTWARE ENGINEERING	20	33	3
15FE1A0543	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15FE1A0543	RT32053	COMPUTER NETWORKS	16	34	3
15FE1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	40	3
15FE1A0543	RT32055	WEB TECHNOLOGIES	16	44	3
15FE1A0543	RT32056	IPR AND PATENTS	24	34	2
15FE1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	41	2
15FE1A0543	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15FE1A0543	RT32059	WEB TECHNOLOGIES LAB	19	43	2
15FE1A0544	RT32051	SOFTWARE ENGINEERING	23	56	3
15FE1A0544	RT32052	DATA WARE HOUSING AND MINING	25	51	3
15FE1A0544	RT32053	COMPUTER NETWORKS	28	44	3
15FE1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	48	3
15FE1A0544	RT32055	WEB TECHNOLOGIES	23	43	3
15FE1A0544	RT32056	IPR AND PATENTS	24	47	2
15FE1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A0544	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15FE1A0544	RT32059	WEB TECHNOLOGIES LAB	19	45	2
15FE1A0545	RT32051	SOFTWARE ENGINEERING	20	24	3
15FE1A0545	RT32052	DATA WARE HOUSING AND MINING	22	32	3
15FE1A0545	RT32053	COMPUTER NETWORKS	18	28	3
15FE1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	50	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0545	RT32055	WEB TECHNOLOGIES	18	32	3
15FE1A0545	RT32056	IPR AND PATENTS	22	33	2
15FE1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15FE1A0545	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A0545	RT32059	WEB TECHNOLOGIES LAB	20	44	2
15FE1A0546	RT32051	SOFTWARE ENGINEERING	23	45	3
15FE1A0546	RT32052	DATA WARE HOUSING AND MINING	24	39	3
15FE1A0546	RT32053	COMPUTER NETWORKS	23	42	3
15FE1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	44	3
15FE1A0546	RT32055	WEB TECHNOLOGIES	28	30	3
15FE1A0546	RT32056	IPR AND PATENTS	27	47	2
15FE1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A0546	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15FE1A0546	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A0547	RT32051	SOFTWARE ENGINEERING	22	38	3
15FE1A0547	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15FE1A0547	RT32053	COMPUTER NETWORKS	25	46	3
15FE1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	48	3
15FE1A0547	RT32055	WEB TECHNOLOGIES	24	52	3
15FE1A0547	RT32056	IPR AND PATENTS	25	40	2
15FE1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15FE1A0547	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0547	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15FE1A0548	RT32051	SOFTWARE ENGINEERING	24	50	3
15FE1A0548	RT32052	DATA WARE HOUSING AND MINING	23	47	3
15FE1A0548	RT32053	COMPUTER NETWORKS	27	43	3
15FE1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	58	3
15FE1A0548	RT32055	WEB TECHNOLOGIES	28	48	3
15FE1A0548	RT32056	IPR AND PATENTS	23	46	2
15FE1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15FE1A0548	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15FE1A0548	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0549	RT32051	SOFTWARE ENGINEERING	20	35	3
15FE1A0549	RT32052	DATA WARE HOUSING AND MINING	21	28	3
15FE1A0549	RT32053	COMPUTER NETWORKS	23	47	3
15FE1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	59	3
15FE1A0549	RT32055	WEB TECHNOLOGIES	20	39	3
15FE1A0549	RT32056	IPR AND PATENTS	23	38	2
15FE1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15FE1A0549	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15FE1A0549	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15FE1A0550	RT32051	SOFTWARE ENGINEERING	24	39	3
15FE1A0550	RT32052	DATA WARE HOUSING AND MINING	24	41	3
15FE1A0550	RT32053	COMPUTER NETWORKS	26	46	3
15FE1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	45	3
15FE1A0550	RT32055	WEB TECHNOLOGIES	21	36	3
15FE1A0550	RT32056	IPR AND PATENTS	26	50	2
15FE1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15FE1A0550	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15FE1A0550	RT32059	WEB TECHNOLOGIES LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0551	RT32051	SOFTWARE ENGINEERING	25	29	3
15FE1A0551	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15FE1A0551	RT32053	COMPUTER NETWORKS	24	34	3
15FE1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	50	3
15FE1A0551	RT32055	WEB TECHNOLOGIES	19	33	3
15FE1A0551	RT32056	IPR AND PATENTS	24	42	2
15FE1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15FE1A0551	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15FE1A0551	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15FE1A0552	RT32051	SOFTWARE ENGINEERING	24	49	3
15FE1A0552	RT32052	DATA WARE HOUSING AND MINING	27	31	3
15FE1A0552	RT32053	COMPUTER NETWORKS	29	42	3
15FE1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	40	3
15FE1A0552	RT32055	WEB TECHNOLOGIES	28	43	3
15FE1A0552	RT32056	IPR AND PATENTS	23	46	2
15FE1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15FE1A0552	RT32058	SOFTWARE ENGINEERING LAB	23	50	2
15FE1A0552	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15FE1A0553	RT32051	SOFTWARE ENGINEERING	26	43	3
15FE1A0553	RT32052	DATA WARE HOUSING AND MINING	25	46	3
15FE1A0553	RT32053	COMPUTER NETWORKS	28	48	3
15FE1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	63	3
15FE1A0553	RT32055	WEB TECHNOLOGIES	25	39	3
15FE1A0553	RT32056	IPR AND PATENTS	24	40	2
15FE1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15FE1A0553	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15FE1A0553	RT32059	WEB TECHNOLOGIES LAB	24	46	2
15FE1A0554	RT32051	SOFTWARE ENGINEERING	25	36	3
15FE1A0554	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15FE1A0554	RT32053	COMPUTER NETWORKS	22	44	3
15FE1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	34	3
15FE1A0554	RT32055	WEB TECHNOLOGIES	26	27	3
15FE1A0554	RT32056	IPR AND PATENTS	22	33	2
15FE1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15FE1A0554	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15FE1A0554	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A0555	RT32051	SOFTWARE ENGINEERING	24	39	3
15FE1A0555	RT32052	DATA WARE HOUSING AND MINING	23	40	3
15FE1A0555	RT32053	COMPUTER NETWORKS	24	38	3
15FE1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	45	3
15FE1A0555	RT32055	WEB TECHNOLOGIES	24	42	3
15FE1A0555	RT32056	IPR AND PATENTS	22	42	2
15FE1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15FE1A0555	RT32058	SOFTWARE ENGINEERING LAB	20	49	2
15FE1A0555	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15FE1A0556	RT32051	SOFTWARE ENGINEERING	23	43	3
15FE1A0556	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15FE1A0556	RT32053	COMPUTER NETWORKS	27	38	3
15FE1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	49	3
15FE1A0556	RT32055	WEB TECHNOLOGIES	26	37	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0556	RT32056	IPR AND PATENTS	25	46	2
15FE1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
15FE1A0556	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15FE1A0556	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0557	RT32051	SOFTWARE ENGINEERING	20	24	3
15FE1A0557	RT32052	DATA WARE HOUSING AND MINING	17	25	3
15FE1A0557	RT32053	COMPUTER NETWORKS	23	29	3
15FE1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	56	3
15FE1A0557	RT32055	WEB TECHNOLOGIES	20	38	3
15FE1A0557	RT32056	IPR AND PATENTS	20	39	2
15FE1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15FE1A0557	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15FE1A0557	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15FE1A0558	RT32051	SOFTWARE ENGINEERING	26	38	3
15FE1A0558	RT32052	DATA WARE HOUSING AND MINING	20	39	3
15FE1A0558	RT32053	COMPUTER NETWORKS	25	56	3
15FE1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	38	3
15FE1A0558	RT32055	WEB TECHNOLOGIES	27	32	3
15FE1A0558	RT32056	IPR AND PATENTS	20	37	2
15FE1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15FE1A0558	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A0558	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15FE1A0559	RT32051	SOFTWARE ENGINEERING	24	28	3
15FE1A0559	RT32052	DATA WARE HOUSING AND MINING	26	42	3
15FE1A0559	RT32053	COMPUTER NETWORKS	23	39	3
15FE1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	65	3
15FE1A0559	RT32055	WEB TECHNOLOGIES	25	38	3
15FE1A0559	RT32056	IPR AND PATENTS	22	50	2
15FE1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A0559	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A0559	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15FE1A0560	RT32051	SOFTWARE ENGINEERING	24	49	3
15FE1A0560	RT32052	DATA WARE HOUSING AND MINING	21	12	0
15FE1A0560	RT32053	COMPUTER NETWORKS	27	44	3
15FE1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	40	3
15FE1A0560	RT32055	WEB TECHNOLOGIES	23	34	3
15FE1A0560	RT32056	IPR AND PATENTS	23	46	2
15FE1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15FE1A0560	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15FE1A0560	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15FE1A0561	RT32051	SOFTWARE ENGINEERING	23	36	3
15FE1A0561	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15FE1A0561	RT32053	COMPUTER NETWORKS	25	46	3
15FE1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	56	3
15FE1A0561	RT32055	WEB TECHNOLOGIES	20	34	3
15FE1A0561	RT32056	IPR AND PATENTS	23	38	2
15FE1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15FE1A0561	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A0561	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0562	RT32051	SOFTWARE ENGINEERING	24	52	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0562	RT32052	DATA WARE HOUSING AND MINING	26	39	3
15FE1A0562	RT32053	COMPUTER NETWORKS	27	44	3
15FE1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	41	3
15FE1A0562	RT32055	WEB TECHNOLOGIES	19	31	3
15FE1A0562	RT32056	IPR AND PATENTS	25	44	2
15FE1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15FE1A0562	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A0562	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0563	RT32051	SOFTWARE ENGINEERING	21	37	3
15FE1A0563	RT32052	DATA WARE HOUSING AND MINING	28	40	3
15FE1A0563	RT32053	COMPUTER NETWORKS	28	42	3
15FE1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	56	3
15FE1A0563	RT32055	WEB TECHNOLOGIES	20	47	3
15FE1A0563	RT32056	IPR AND PATENTS	23	43	2
15FE1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	50	2
15FE1A0563	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A0563	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0564	RT32051	SOFTWARE ENGINEERING	25	36	3
15FE1A0564	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15FE1A0564	RT32053	COMPUTER NETWORKS	21	45	3
15FE1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	48	3
15FE1A0564	RT32055	WEB TECHNOLOGIES	18	39	3
15FE1A0564	RT32056	IPR AND PATENTS	22	44	2
15FE1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15FE1A0564	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A0564	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0566	RT32051	SOFTWARE ENGINEERING	26	44	3
15FE1A0566	RT32052	DATA WARE HOUSING AND MINING	29	28	3
15FE1A0566	RT32053	COMPUTER NETWORKS	27	52	3
15FE1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	62	3
15FE1A0566	RT32055	WEB TECHNOLOGIES	24	36	3
15FE1A0566	RT32056	IPR AND PATENTS	25	43	2
15FE1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15FE1A0566	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A0566	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0567	RT32051	SOFTWARE ENGINEERING	22	30	3
15FE1A0567	RT32052	DATA WARE HOUSING AND MINING	23	39	3
15FE1A0567	RT32053	COMPUTER NETWORKS	25	37	3
15FE1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	34	3
15FE1A0567	RT32055	WEB TECHNOLOGIES	18	28	3
15FE1A0567	RT32056	IPR AND PATENTS	19	-1	0
15FE1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15FE1A0567	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A0567	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0568	RT32051	SOFTWARE ENGINEERING	25	39	3
15FE1A0568	RT32052	DATA WARE HOUSING AND MINING	24	46	3
15FE1A0568	RT32053	COMPUTER NETWORKS	26	48	3
15FE1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	57	3
15FE1A0568	RT32055	WEB TECHNOLOGIES	24	53	3
15FE1A0568	RT32056	IPR AND PATENTS	25	39	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15FE1A0568	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A0568	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0569	RT32051	SOFTWARE ENGINEERING	20	24	3
15FE1A0569	RT32052	DATA WARE HOUSING AND MINING	18	17	0
15FE1A0569	RT32053	COMPUTER NETWORKS	24	42	3
15FE1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	45	3
15FE1A0569	RT32055	WEB TECHNOLOGIES	21	30	3
15FE1A0569	RT32056	IPR AND PATENTS	23	43	2
15FE1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A0569	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15FE1A0569	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A0570	RT32051	SOFTWARE ENGINEERING	26	39	3
15FE1A0570	RT32052	DATA WARE HOUSING AND MINING	26	27	3
15FE1A0570	RT32053	COMPUTER NETWORKS	24	35	3
15FE1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	57	3
15FE1A0570	RT32055	WEB TECHNOLOGIES	19	36	3
15FE1A0570	RT32056	IPR AND PATENTS	24	34	2
15FE1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A0570	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A0570	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0571	RT32051	SOFTWARE ENGINEERING	24	34	3
15FE1A0571	RT32052	DATA WARE HOUSING AND MINING	25	37	3
15FE1A0571	RT32053	COMPUTER NETWORKS	24	41	3
15FE1A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	31	3
15FE1A0571	RT32055	WEB TECHNOLOGIES	16	28	3
15FE1A0571	RT32056	IPR AND PATENTS	21	35	2
15FE1A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15FE1A0571	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A0571	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0572	RT32051	SOFTWARE ENGINEERING	26	37	3
15FE1A0572	RT32052	DATA WARE HOUSING AND MINING	29	52	3
15FE1A0572	RT32053	COMPUTER NETWORKS	30	51	3
15FE1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	57	3
15FE1A0572	RT32055	WEB TECHNOLOGIES	27	56	3
15FE1A0572	RT32056	IPR AND PATENTS	24	52	2
15FE1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15FE1A0572	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A0572	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0573	RT32051	SOFTWARE ENGINEERING	23	33	3
15FE1A0573	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15FE1A0573	RT32053	COMPUTER NETWORKS	25	40	3
15FE1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	48	3
15FE1A0573	RT32055	WEB TECHNOLOGIES	22	43	3
15FE1A0573	RT32056	IPR AND PATENTS	23	38	2
15FE1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15FE1A0573	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A0573	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15FE1A0574	RT32051	SOFTWARE ENGINEERING	23	31	3
15FE1A0574	RT32052	DATA WARE HOUSING AND MINING	25	33	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0574	RT32053	COMPUTER NETWORKS	26	30	3
15FE1A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	61	3
15FE1A0574	RT32055	WEB TECHNOLOGIES	20	36	3
15FE1A0574	RT32056	IPR AND PATENTS	24	44	2
15FE1A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	40	2
15FE1A0574	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A0574	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0575	RT32051	SOFTWARE ENGINEERING	27	44	3
15FE1A0575	RT32052	DATA WARE HOUSING AND MINING	26	38	3
15FE1A0575	RT32053	COMPUTER NETWORKS	28	70	3
15FE1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15FE1A0575	RT32055	WEB TECHNOLOGIES	22	31	3
15FE1A0575	RT32056	IPR AND PATENTS	24	48	2
15FE1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15FE1A0575	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A0575	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A0576	RT32051	SOFTWARE ENGINEERING	24	30	3
15FE1A0576	RT32052	DATA WARE HOUSING AND MINING	20	36	3
15FE1A0576	RT32053	COMPUTER NETWORKS	23	41	3
15FE1A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	31	3
15FE1A0576	RT32055	WEB TECHNOLOGIES	16	37	3
15FE1A0576	RT32056	IPR AND PATENTS	23	31	2
15FE1A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	41	2
15FE1A0576	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A0576	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0577	RT32051	SOFTWARE ENGINEERING	21	38	3
15FE1A0577	RT32052	DATA WARE HOUSING AND MINING	21	26	3
15FE1A0577	RT32053	COMPUTER NETWORKS	26	36	3
15FE1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	37	3
15FE1A0577	RT32055	WEB TECHNOLOGIES	23	38	3
15FE1A0577	RT32056	IPR AND PATENTS	18	33	2
15FE1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A0577	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A0577	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15FE1A0578	RT32051	SOFTWARE ENGINEERING	22	34	3
15FE1A0578	RT32052	DATA WARE HOUSING AND MINING	23	25	3
15FE1A0578	RT32053	COMPUTER NETWORKS	22	35	3
15FE1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	59	3
15FE1A0578	RT32055	WEB TECHNOLOGIES	16	37	3
15FE1A0578	RT32056	IPR AND PATENTS	21	55	2
15FE1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A0578	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A0578	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A0579	RT32051	SOFTWARE ENGINEERING	19	14	0
15FE1A0579	RT32052	DATA WARE HOUSING AND MINING	18	39	3
15FE1A0579	RT32053	COMPUTER NETWORKS	20	32	3
15FE1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
15FE1A0579	RT32055	WEB TECHNOLOGIES	14	27	3
15FE1A0579	RT32056	IPR AND PATENTS	20	42	2
15FE1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0579	RT32058	SOFTWARE ENGINEERING LAB	19	38	2
15FE1A0579	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A0580	RT32051	SOFTWARE ENGINEERING	26	49	3
15FE1A0580	RT32052	DATA WARE HOUSING AND MINING	29	56	3
15FE1A0580	RT32053	COMPUTER NETWORKS	29	54	3
15FE1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15FE1A0580	RT32055	WEB TECHNOLOGIES	29	57	3
15FE1A0580	RT32056	IPR AND PATENTS	26	49	2
15FE1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15FE1A0580	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15FE1A0580	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15FE1A0581	RT32051	SOFTWARE ENGINEERING	18	34	3
15FE1A0581	RT32052	DATA WARE HOUSING AND MINING	19	0	0
15FE1A0581	RT32053	COMPUTER NETWORKS	19	0	0
15FE1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	5	0
15FE1A0581	RT32055	WEB TECHNOLOGIES	17	24	3
15FE1A0581	RT32056	IPR AND PATENTS	17	35	2
15FE1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	36	2
15FE1A0581	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15FE1A0581	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A0582	RT32051	SOFTWARE ENGINEERING	28	25	3
15FE1A0582	RT32052	DATA WARE HOUSING AND MINING	26	38	3
15FE1A0582	RT32053	COMPUTER NETWORKS	25	28	3
15FE1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	62	3
15FE1A0582	RT32055	WEB TECHNOLOGIES	26	36	3
15FE1A0582	RT32056	IPR AND PATENTS	23	45	2
15FE1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15FE1A0582	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A0582	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A0583	RT32051	SOFTWARE ENGINEERING	26	31	3
15FE1A0583	RT32052	DATA WARE HOUSING AND MINING	28	38	3
15FE1A0583	RT32053	COMPUTER NETWORKS	24	48	3
15FE1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15FE1A0583	RT32055	WEB TECHNOLOGIES	23	34	3
15FE1A0583	RT32056	IPR AND PATENTS	24	48	2
15FE1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A0583	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A0583	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0584	RT32051	SOFTWARE ENGINEERING	26	33	3
15FE1A0584	RT32052	DATA WARE HOUSING AND MINING	27	37	3
15FE1A0584	RT32053	COMPUTER NETWORKS	28	50	3
15FE1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15FE1A0584	RT32055	WEB TECHNOLOGIES	20	52	3
15FE1A0584	RT32056	IPR AND PATENTS	25	39	2
15FE1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15FE1A0584	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15FE1A0584	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15FE1A0585	RT32051	SOFTWARE ENGINEERING	19	33	3
15FE1A0585	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15FE1A0585	RT32053	COMPUTER NETWORKS	23	40	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	45	3
15FE1A0585	RT32055	WEB TECHNOLOGIES	24	36	3
15FE1A0585	RT32056	IPR AND PATENTS	22	43	2
15FE1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A0585	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A0585	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0586	RT32051	SOFTWARE ENGINEERING	25	49	3
15FE1A0586	RT32052	DATA WARE HOUSING AND MINING	27	35	3
15FE1A0586	RT32053	COMPUTER NETWORKS	27	52	3
15FE1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	64	3
15FE1A0586	RT32055	WEB TECHNOLOGIES	27	48	3
15FE1A0586	RT32056	IPR AND PATENTS	27	52	2
15FE1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15FE1A0586	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A0586	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0587	RT32051	SOFTWARE ENGINEERING	20	30	3
15FE1A0587	RT32052	DATA WARE HOUSING AND MINING	26	31	3
15FE1A0587	RT32053	COMPUTER NETWORKS	26	43	3
15FE1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15FE1A0587	RT32055	WEB TECHNOLOGIES	25	24	3
15FE1A0587	RT32056	IPR AND PATENTS	25	43	2
15FE1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15FE1A0587	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A0587	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0588	RT32051	SOFTWARE ENGINEERING	22	27	3
15FE1A0588	RT32052	DATA WARE HOUSING AND MINING	25	44	3
15FE1A0588	RT32053	COMPUTER NETWORKS	25	48	3
15FE1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15FE1A0588	RT32055	WEB TECHNOLOGIES	21	45	3
15FE1A0588	RT32056	IPR AND PATENTS	24	41	2
15FE1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15FE1A0588	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15FE1A0588	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A0589	RT32051	SOFTWARE ENGINEERING	25	49	3
15FE1A0589	RT32052	DATA WARE HOUSING AND MINING	25	42	3
15FE1A0589	RT32053	COMPUTER NETWORKS	29	48	3
15FE1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	34	3
15FE1A0589	RT32055	WEB TECHNOLOGIES	25	37	3
15FE1A0589	RT32056	IPR AND PATENTS	25	36	2
15FE1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15FE1A0589	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A0589	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0590	RT32051	SOFTWARE ENGINEERING	25	31	3
15FE1A0590	RT32052	DATA WARE HOUSING AND MINING	28	43	3
15FE1A0590	RT32053	COMPUTER NETWORKS	30	46	3
15FE1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	62	3
15FE1A0590	RT32055	WEB TECHNOLOGIES	24	34	3
15FE1A0590	RT32056	IPR AND PATENTS	25	51	2
15FE1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15FE1A0590	RT32058	SOFTWARE ENGINEERING LAB	22	48	2



Htno	Subcode	Subname	Internal	External	Credits
15FE1A0590	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A0591	RT32051	SOFTWARE ENGINEERING	22	40	3
15FE1A0591	RT32052	DATA WARE HOUSING AND MINING	27	39	3
15FE1A0591	RT32053	COMPUTER NETWORKS	27	43	3
15FE1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	50	3
15FE1A0591	RT32055	WEB TECHNOLOGIES	23	34	3
15FE1A0591	RT32056	IPR AND PATENTS	25	46	2
15FE1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A0591	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A0591	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A0592	RT32051	SOFTWARE ENGINEERING	22	42	3
15FE1A0592	RT32052	DATA WARE HOUSING AND MINING	27	52	3
15FE1A0592	RT32053	COMPUTER NETWORKS	26	48	3
15FE1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	53	3
15FE1A0592	RT32055	WEB TECHNOLOGIES	23	47	3
15FE1A0592	RT32056	IPR AND PATENTS	24	46	2
15FE1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15FE1A0592	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A0592	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0593	RT32051	SOFTWARE ENGINEERING	20	31	3
15FE1A0593	RT32052	DATA WARE HOUSING AND MINING	23	26	3
15FE1A0593	RT32053	COMPUTER NETWORKS	23	39	3
15FE1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	43	3
15FE1A0593	RT32055	WEB TECHNOLOGIES	16	30	3
15FE1A0593	RT32056	IPR AND PATENTS	19	36	2
15FE1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	49	2
15FE1A0593	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15FE1A0593	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0594	RT32051	SOFTWARE ENGINEERING	25	34	3
15FE1A0594	RT32052	DATA WARE HOUSING AND MINING	22	41	3
15FE1A0594	RT32053	COMPUTER NETWORKS	23	36	3
15FE1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	63	3
15FE1A0594	RT32055	WEB TECHNOLOGIES	18	37	3
15FE1A0594	RT32056	IPR AND PATENTS	20	47	2
15FE1A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15FE1A0594	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A0594	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0595	RT32051	SOFTWARE ENGINEERING	22	30	3
15FE1A0595	RT32052	DATA WARE HOUSING AND MINING	21	41	3
15FE1A0595	RT32053	COMPUTER NETWORKS	21	47	3
15FE1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	38	3
15FE1A0595	RT32055	WEB TECHNOLOGIES	18	27	3
15FE1A0595	RT32056	IPR AND PATENTS	20	45	2
15FE1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15FE1A0595	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15FE1A0595	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15FE1A0596	RT32051	SOFTWARE ENGINEERING	25	32	3
15FE1A0596	RT32052	DATA WARE HOUSING AND MINING	21	38	3
15FE1A0596	RT32053	COMPUTER NETWORKS	23	36	3
15FE1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	45	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A0596	RT32055	WEB TECHNOLOGIES	16	47	3
15FE1A0596	RT32056	IPR AND PATENTS	24	42	2
15FE1A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	39	2
15FE1A0596	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15FE1A0596	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A0597	RT32051	SOFTWARE ENGINEERING	23	50	3
15FE1A0597	RT32052	DATA WARE HOUSING AND MINING	26	26	3
15FE1A0597	RT32053	COMPUTER NETWORKS	25	51	3
15FE1A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	57	3
15FE1A0597	RT32055	WEB TECHNOLOGIES	17	40	3
15FE1A0597	RT32056	IPR AND PATENTS	25	47	2
15FE1A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15FE1A0597	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A0597	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15FE1A0598	RT32051	SOFTWARE ENGINEERING	26	56	3
15FE1A0598	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15FE1A0598	RT32053	COMPUTER NETWORKS	30	51	3
15FE1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	56	3
15FE1A0598	RT32055	WEB TECHNOLOGIES	26	38	3
15FE1A0598	RT32056	IPR AND PATENTS	22	10	0
15FE1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A0598	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15FE1A0598	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A0599	RT32051	SOFTWARE ENGINEERING	25	32	3
15FE1A0599	RT32052	DATA WARE HOUSING AND MINING	25	40	3
15FE1A0599	RT32053	COMPUTER NETWORKS	23	41	3
15FE1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	44	3
15FE1A0599	RT32055	WEB TECHNOLOGIES	20	35	3
15FE1A0599	RT32056	IPR AND PATENTS	22	51	2
15FE1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15FE1A0599	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15FE1A0599	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05A0	RT32051	SOFTWARE ENGINEERING	24	45	3
15FE1A05A0	RT32052	DATA WARE HOUSING AND MINING	25	50	3
15FE1A05A0	RT32053	COMPUTER NETWORKS	28	51	3
15FE1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	55	3
15FE1A05A0	RT32055	WEB TECHNOLOGIES	20	52	3
15FE1A05A0	RT32056	IPR AND PATENTS	24	40	2
15FE1A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15FE1A05A0	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05A0	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05A1	RT32051	SOFTWARE ENGINEERING	16	31	3
15FE1A05A1	RT32052	DATA WARE HOUSING AND MINING	16	8	0
15FE1A05A1	RT32053	COMPUTER NETWORKS	16	0	0
15FE1A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	35	3
15FE1A05A1	RT32055	WEB TECHNOLOGIES	14	29	3
15FE1A05A1	RT32056	IPR AND PATENTS	14	31	2
15FE1A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	36	2
15FE1A05A1	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15FE1A05A1	RT32059	WEB TECHNOLOGIES LAB	20	45	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05A2	RT32051	SOFTWARE ENGINEERING	25	63	3
15FE1A05A2	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15FE1A05A2	RT32053	COMPUTER NETWORKS	28	37	3
15FE1A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	51	3
15FE1A05A2	RT32055	WEB TECHNOLOGIES	25	32	3
15FE1A05A2	RT32056	IPR AND PATENTS	22	34	2
15FE1A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15FE1A05A2	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15FE1A05A2	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05A3	RT32051	SOFTWARE ENGINEERING	24	40	3
15FE1A05A3	RT32052	DATA WARE HOUSING AND MINING	28	40	3
15FE1A05A3	RT32053	COMPUTER NETWORKS	29	50	3
15FE1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	49	3
15FE1A05A3	RT32055	WEB TECHNOLOGIES	27	32	3
15FE1A05A3	RT32056	IPR AND PATENTS	26	52	2
15FE1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A05A3	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15FE1A05A3	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05A4	RT32051	SOFTWARE ENGINEERING	25	39	3
15FE1A05A4	RT32052	DATA WARE HOUSING AND MINING	27	57	3
15FE1A05A4	RT32053	COMPUTER NETWORKS	26	48	3
15FE1A05A4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	59	3
15FE1A05A4	RT32055	WEB TECHNOLOGIES	25	55	3
15FE1A05A4	RT32056	IPR AND PATENTS	24	41	2
15FE1A05A4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05A4	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15FE1A05A4	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05A5	RT32051	SOFTWARE ENGINEERING	19	37	3
15FE1A05A5	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15FE1A05A5	RT32053	COMPUTER NETWORKS	24	46	3
15FE1A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	48	3
15FE1A05A5	RT32055	WEB TECHNOLOGIES	21	42	3
15FE1A05A5	RT32056	IPR AND PATENTS	25	42	2
15FE1A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A05A5	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05A5	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15FE1A05A6	RT32051	SOFTWARE ENGINEERING	25	24	3
15FE1A05A6	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15FE1A05A6	RT32053	COMPUTER NETWORKS	26	45	3
15FE1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	59	3
15FE1A05A6	RT32055	WEB TECHNOLOGIES	18	38	3
15FE1A05A6	RT32056	IPR AND PATENTS	24	34	2
15FE1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A05A6	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A05A6	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05A7	RT32051	SOFTWARE ENGINEERING	25	32	3
15FE1A05A7	RT32052	DATA WARE HOUSING AND MINING	24	41	3
15FE1A05A7	RT32053	COMPUTER NETWORKS	22	48	3
15FE1A05A7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	36	3
15FE1A05A7	RT32055	WEB TECHNOLOGIES	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05A7	RT32056	IPR AND PATENTS	24	50	2
15FE1A05A7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15FE1A05A7	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A05A7	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05A8	RT32051	SOFTWARE ENGINEERING	21	26	3
15FE1A05A8	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15FE1A05A8	RT32053	COMPUTER NETWORKS	17	39	3
15FE1A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	43	3
15FE1A05A8	RT32055	WEB TECHNOLOGIES	13	42	3
15FE1A05A8	RT32056	IPR AND PATENTS	19	40	2
15FE1A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	36	2
15FE1A05A8	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05A8	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A05A9	RT32051	SOFTWARE ENGINEERING	17	29	3
15FE1A05A9	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15FE1A05A9	RT32053	COMPUTER NETWORKS	25	40	3
15FE1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	40	3
15FE1A05A9	RT32055	WEB TECHNOLOGIES	21	30	3
15FE1A05A9	RT32056	IPR AND PATENTS	23	37	2
15FE1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	37	2
15FE1A05A9	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A05A9	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A05B0	RT32051	SOFTWARE ENGINEERING	23	38	3
15FE1A05B0	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15FE1A05B0	RT32053	COMPUTER NETWORKS	23	44	3
15FE1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	52	3
15FE1A05B0	RT32055	WEB TECHNOLOGIES	16	38	3
15FE1A05B0	RT32056	IPR AND PATENTS	22	47	2
15FE1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15FE1A05B0	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15FE1A05B0	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05B1	RT32051	SOFTWARE ENGINEERING	23	37	3
15FE1A05B1	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15FE1A05B1	RT32053	COMPUTER NETWORKS	24	50	3
15FE1A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
15FE1A05B1	RT32055	WEB TECHNOLOGIES	21	30	3
15FE1A05B1	RT32056	IPR AND PATENTS	24	45	2
15FE1A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15FE1A05B1	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A05B1	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A05B2	RT32051	SOFTWARE ENGINEERING	21	33	3
15FE1A05B2	RT32052	DATA WARE HOUSING AND MINING	22	46	3
15FE1A05B2	RT32053	COMPUTER NETWORKS	26	42	3
15FE1A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
15FE1A05B2	RT32055	WEB TECHNOLOGIES	23	47	3
15FE1A05B2	RT32056	IPR AND PATENTS	21	35	2
15FE1A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
15FE1A05B2	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A05B2	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05B4	RT32051	SOFTWARE ENGINEERING	21	36	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05B4	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15FE1A05B4	RT32053	COMPUTER NETWORKS	23	40	3
15FE1A05B4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	32	3
15FE1A05B4	RT32055	WEB TECHNOLOGIES	17	28	3
15FE1A05B4	RT32056	IPR AND PATENTS	24	44	2
15FE1A05B4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15FE1A05B4	RT32058	SOFTWARE ENGINEERING LAB	0	44	2
15FE1A05B4	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05B5	RT32051	SOFTWARE ENGINEERING	26	70	3
15FE1A05B5	RT32052	DATA WARE HOUSING AND MINING	28	48	3
15FE1A05B5	RT32053	COMPUTER NETWORKS	25	53	3
15FE1A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	59	3
15FE1A05B5	RT32055	WEB TECHNOLOGIES	26	42	3
15FE1A05B5	RT32056	IPR AND PATENTS	25	47	2
15FE1A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15FE1A05B5	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05B5	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05B6	RT32051	SOFTWARE ENGINEERING	26	47	3
15FE1A05B6	RT32052	DATA WARE HOUSING AND MINING	25	40	3
15FE1A05B6	RT32053	COMPUTER NETWORKS	27	58	3
15FE1A05B6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	33	3
15FE1A05B6	RT32055	WEB TECHNOLOGIES	24	33	3
15FE1A05B6	RT32056	IPR AND PATENTS	25	56	2
15FE1A05B6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15FE1A05B6	RT32058	SOFTWARE ENGINEERING LAB	22	50	2
15FE1A05B6	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05B7	RT32051	SOFTWARE ENGINEERING	25	35	3
15FE1A05B7	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15FE1A05B7	RT32053	COMPUTER NETWORKS	22	37	3
15FE1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	30	3
15FE1A05B7	RT32055	WEB TECHNOLOGIES	20	30	3
15FE1A05B7	RT32056	IPR AND PATENTS	23	42	2
15FE1A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A05B7	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A05B7	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A05B8	RT32051	SOFTWARE ENGINEERING	24	42	3
15FE1A05B8	RT32052	DATA WARE HOUSING AND MINING	20	29	3
15FE1A05B8	RT32053	COMPUTER NETWORKS	26	43	3
15FE1A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	47	3
15FE1A05B8	RT32055	WEB TECHNOLOGIES	22	31	3
15FE1A05B8	RT32056	IPR AND PATENTS	25	42	2
15FE1A05B8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15FE1A05B8	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15FE1A05B8	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05B9	RT32051	SOFTWARE ENGINEERING	21	41	3
15FE1A05B9	RT32052	DATA WARE HOUSING AND MINING	21	36	3
15FE1A05B9	RT32053	COMPUTER NETWORKS	25	43	3
15FE1A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	54	3
15FE1A05B9	RT32055	WEB TECHNOLOGIES	19	29	3
15FE1A05B9	RT32056	IPR AND PATENTS	24	36	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	47	2
15FE1A05B9	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05B9	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05C0	RT32051	SOFTWARE ENGINEERING	22	30	3
15FE1A05C0	RT32052	DATA WARE HOUSING AND MINING	22	40	3
15FE1A05C0	RT32053	COMPUTER NETWORKS	26	49	3
15FE1A05C0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	27	3
15FE1A05C0	RT32055	WEB TECHNOLOGIES	20	29	3
15FE1A05C0	RT32056	IPR AND PATENTS	23	47	2
15FE1A05C0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15FE1A05C0	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05C0	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05C1	RT32051	SOFTWARE ENGINEERING	20	33	3
15FE1A05C1	RT32052	DATA WARE HOUSING AND MINING	16	33	3
15FE1A05C1	RT32053	COMPUTER NETWORKS	27	41	3
15FE1A05C1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	50	3
15FE1A05C1	RT32055	WEB TECHNOLOGIES	18	46	3
15FE1A05C1	RT32056	IPR AND PATENTS	19	36	2
15FE1A05C1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05C1	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A05C1	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05C2	RT32051	SOFTWARE ENGINEERING	21	31	3
15FE1A05C2	RT32052	DATA WARE HOUSING AND MINING	18	27	3
15FE1A05C2	RT32053	COMPUTER NETWORKS	18	40	3
15FE1A05C2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	36	3
15FE1A05C2	RT32055	WEB TECHNOLOGIES	22	32	3
15FE1A05C2	RT32056	IPR AND PATENTS	21	48	2
15FE1A05C2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A05C2	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15FE1A05C2	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15FE1A05C3	RT32051	SOFTWARE ENGINEERING	26	49	3
15FE1A05C3	RT32052	DATA WARE HOUSING AND MINING	26	38	3
15FE1A05C3	RT32053	COMPUTER NETWORKS	26	47	3
15FE1A05C3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15FE1A05C3	RT32055	WEB TECHNOLOGIES	27	57	3
15FE1A05C3	RT32056	IPR AND PATENTS	27	59	2
15FE1A05C3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15FE1A05C3	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15FE1A05C3	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05C4	RT32051	SOFTWARE ENGINEERING	20	24	3
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15FE1A05C4	RT32053	COMPUTER NETWORKS	25	43	3
15FE1A05C4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	35	3
15FE1A05C4	RT32055	WEB TECHNOLOGIES	21	17	0
15FE1A05C4	RT32056	IPR AND PATENTS	18	40	2
15FE1A05C4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A05C4	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A05C4	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15FE1A05C5	RT32051	SOFTWARE ENGINEERING	20	39	3
15FE1A05C5	RT32052	DATA WARE HOUSING AND MINING	19	54	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05C5	RT32053	COMPUTER NETWORKS	23	48	3
15FE1A05C5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	56	3
15FE1A05C5	RT32055	WEB TECHNOLOGIES	26	52	3
15FE1A05C5	RT32056	IPR AND PATENTS	20	41	2
15FE1A05C5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15FE1A05C5	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15FE1A05C5	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05C6	RT32051	SOFTWARE ENGINEERING	25	57	3
15FE1A05C6	RT32052	DATA WARE HOUSING AND MINING	25	41	3
15FE1A05C6	RT32053	COMPUTER NETWORKS	26	49	3
15FE1A05C6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	67	3
15FE1A05C6	RT32055	WEB TECHNOLOGIES	26	45	3
15FE1A05C6	RT32056	IPR AND PATENTS	25	57	2
15FE1A05C6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15FE1A05C6	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A05C6	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05C7	RT32051	SOFTWARE ENGINEERING	23	39	3
15FE1A05C7	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15FE1A05C7	RT32053	COMPUTER NETWORKS	23	30	3
15FE1A05C7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	57	3
15FE1A05C7	RT32055	WEB TECHNOLOGIES	24	46	3
15FE1A05C7	RT32056	IPR AND PATENTS	26	49	2
15FE1A05C7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A05C7	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05C7	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05C8	RT32051	SOFTWARE ENGINEERING	24	30	3
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15FE1A05C8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	55	3
15FE1A05C8	RT32055	WEB TECHNOLOGIES	22	32	3
15FE1A05C8	RT32056	IPR AND PATENTS	23	45	2
15FE1A05C8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A05C8	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A05C8	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05C9	RT32051	SOFTWARE ENGINEERING	24	38	3
15FE1A05C9	RT32052	DATA WARE HOUSING AND MINING	23	46	3
15FE1A05C9	RT32053	COMPUTER NETWORKS	25	50	3
15FE1A05C9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	56	3
15FE1A05C9	RT32055	WEB TECHNOLOGIES	23	51	3
15FE1A05C9	RT32056	IPR AND PATENTS	24	40	2
15FE1A05C9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A05C9	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05C9	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05D0	RT32051	SOFTWARE ENGINEERING	18	37	3
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15FE1A05D0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
15FE1A05D0	RT32055	WEB TECHNOLOGIES	19	42	3
15FE1A05D0	RT32056	IPR AND PATENTS	23	47	2
15FE1A05D0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05D0	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05D0	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05D1	RT32051	SOFTWARE ENGINEERING	27	49	3
15FE1A05D1	RT32052	DATA WARE HOUSING AND MINING	28	40	3
15FE1A05D1	RT32053	COMPUTER NETWORKS	27	46	3
15FE1A05D1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	34	3
15FE1A05D1	RT32055	WEB TECHNOLOGIES	24	53	3
15FE1A05D1	RT32056	IPR AND PATENTS	26	33	2
15FE1A05D1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15FE1A05D1	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15FE1A05D1	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15FE1A05D2	RT32051	SOFTWARE ENGINEERING	24	35	3
15FE1A05D2	RT32052	DATA WARE HOUSING AND MINING	17	38	3
15FE1A05D2	RT32053	COMPUTER NETWORKS	21	31	3
15FE1A05D2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15FE1A05D2	RT32055	WEB TECHNOLOGIES	23	27	3
15FE1A05D2	RT32056	IPR AND PATENTS	26	46	2
15FE1A05D2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A05D2	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A05D2	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15FE1A05D3	RT32051	SOFTWARE ENGINEERING	24	49	3
15FE1A05D3	RT32052	DATA WARE HOUSING AND MINING	26	49	3
15FE1A05D3	RT32053	COMPUTER NETWORKS	23	40	3
15FE1A05D3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	51	3
15FE1A05D3	RT32055	WEB TECHNOLOGIES	23	54	3
15FE1A05D3	RT32056	IPR AND PATENTS	24	39	2
15FE1A05D3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A05D3	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15FE1A05D3	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A05D4	RT32051	SOFTWARE ENGINEERING	21	50	3
15FE1A05D4	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15FE1A05D4	RT32053	COMPUTER NETWORKS	19	45	3
15FE1A05D4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	49	3
15FE1A05D4	RT32055	WEB TECHNOLOGIES	20	37	3
15FE1A05D4	RT32056	IPR AND PATENTS	26	48	2
15FE1A05D4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15FE1A05D4	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15FE1A05D4	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05D5	RT32051	SOFTWARE ENGINEERING	25	31	3
15FE1A05D5	RT32052	DATA WARE HOUSING AND MINING	20	39	3
15FE1A05D5	RT32053	COMPUTER NETWORKS	19	33	3
15FE1A05D5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15FE1A05D5	RT32055	WEB TECHNOLOGIES	18	44	3
15FE1A05D5	RT32056	IPR AND PATENTS	25	55	2
15FE1A05D5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15FE1A05D5	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A05D5	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05D6	RT32051	SOFTWARE ENGINEERING	29	61	3
15FE1A05D6	RT32052	DATA WARE HOUSING AND MINING	28	42	3
15FE1A05D6	RT32053	COMPUTER NETWORKS	28	66	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A05D6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	51	3
15FE1A05D6	RT32055	WEB TECHNOLOGIES	27	56	3
15FE1A05D6	RT32056	IPR AND PATENTS	27	56	2
15FE1A05D6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15FE1A05D6	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15FE1A05D6	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05D7	RT32051	SOFTWARE ENGINEERING	25	43	3
15FE1A05D7	RT32052	DATA WARE HOUSING AND MINING	26	59	3
15FE1A05D7	RT32053	COMPUTER NETWORKS	22	49	3
15FE1A05D7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	66	3
15FE1A05D7	RT32055	WEB TECHNOLOGIES	26	56	3
15FE1A05D7	RT32056	IPR AND PATENTS	26	39	2
15FE1A05D7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	40	2
15FE1A05D7	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15FE1A05D7	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05D8	RT32051	SOFTWARE ENGINEERING	22	54	3
15FE1A05D8	RT32052	DATA WARE HOUSING AND MINING	18	26	3
15FE1A05D8	RT32053	COMPUTER NETWORKS	19	44	3
15FE1A05D8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	48	3
15FE1A05D8	RT32055	WEB TECHNOLOGIES	17	47	3
15FE1A05D8	RT32056	IPR AND PATENTS	23	47	2
15FE1A05D8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A05D8	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15FE1A05D8	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05D9	RT32051	SOFTWARE ENGINEERING	25	52	3
15FE1A05D9	RT32052	DATA WARE HOUSING AND MINING	25	39	3
15FE1A05D9	RT32053	COMPUTER NETWORKS	22	51	3
15FE1A05D9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15FE1A05D9	RT32055	WEB TECHNOLOGIES	23	31	3
15FE1A05D9	RT32056	IPR AND PATENTS	24	40	2
15FE1A05D9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15FE1A05D9	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15FE1A05D9	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05E0	RT32051	SOFTWARE ENGINEERING	26	40	3
15FE1A05E0	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15FE1A05E0	RT32053	COMPUTER NETWORKS	22	52	3
15FE1A05E0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	53	3
15FE1A05E0	RT32055	WEB TECHNOLOGIES	24	37	3
15FE1A05E0	RT32056	IPR AND PATENTS	27	52	2
15FE1A05E0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A05E0	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15FE1A05E0	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05E1	RT32051	SOFTWARE ENGINEERING	25	43	3
15FE1A05E1	RT32052	DATA WARE HOUSING AND MINING	26	45	3
15FE1A05E1	RT32053	COMPUTER NETWORKS	23	51	3
15FE1A05E1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	61	3
15FE1A05E1	RT32055	WEB TECHNOLOGIES	26	58	3
15FE1A05E1	RT32056	IPR AND PATENTS	23	42	2
15FE1A05E1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05E1	RT32058	SOFTWARE ENGINEERING LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05E1	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05E2	RT32051	SOFTWARE ENGINEERING	27	56	3
15FE1A05E2	RT32052	DATA WARE HOUSING AND MINING	25	43	3
15FE1A05E2	RT32053	COMPUTER NETWORKS	22	48	3
15FE1A05E2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	58	3
15FE1A05E2	RT32055	WEB TECHNOLOGIES	25	54	3
15FE1A05E2	RT32056	IPR AND PATENTS	22	46	2
15FE1A05E2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15FE1A05E2	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15FE1A05E2	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05E3	RT32051	SOFTWARE ENGINEERING	21	31	3
15FE1A05E3	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15FE1A05E3	RT32053	COMPUTER NETWORKS	18	30	3
15FE1A05E3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	53	3
15FE1A05E3	RT32055	WEB TECHNOLOGIES	18	32	3
15FE1A05E3	RT32056	IPR AND PATENTS	25	40	2
15FE1A05E3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15FE1A05E3	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
15FE1A05E3	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A05E4	RT32051	SOFTWARE ENGINEERING	25	48	3
15FE1A05E4	RT32052	DATA WARE HOUSING AND MINING	26	42	3
15FE1A05E4	RT32053	COMPUTER NETWORKS	24	47	3
15FE1A05E4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	44	3
15FE1A05E4	RT32055	WEB TECHNOLOGIES	22	38	3
15FE1A05E4	RT32056	IPR AND PATENTS	25	54	2
15FE1A05E4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15FE1A05E4	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15FE1A05E4	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05E5	RT32051	SOFTWARE ENGINEERING	23	39	3
15FE1A05E5	RT32052	DATA WARE HOUSING AND MINING	25	49	3
15FE1A05E5	RT32053	COMPUTER NETWORKS	23	45	3
15FE1A05E5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	52	3
15FE1A05E5	RT32055	WEB TECHNOLOGIES	21	47	3
15FE1A05E5	RT32056	IPR AND PATENTS	25	46	2
15FE1A05E5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15FE1A05E5	RT32058	SOFTWARE ENGINEERING LAB	22	49	2
15FE1A05E5	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05E6	RT32051	SOFTWARE ENGINEERING	19	34	3
15FE1A05E6	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15FE1A05E6	RT32053	COMPUTER NETWORKS	17	37	3
15FE1A05E6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
15FE1A05E6	RT32055	WEB TECHNOLOGIES	18	34	3
15FE1A05E6	RT32056	IPR AND PATENTS	23	32	2
15FE1A05E6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15FE1A05E6	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15FE1A05E6	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15FE1A05E7	RT32051	SOFTWARE ENGINEERING	18	17	0
15FE1A05E7	RT32052	DATA WARE HOUSING AND MINING	11	29	3
15FE1A05E7	RT32053	COMPUTER NETWORKS	16	29	3
15FE1A05E7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	54	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05E7	RT32055	WEB TECHNOLOGIES	16	25	3
15FE1A05E7	RT32056	IPR AND PATENTS	19	24	2
15FE1A05E7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A05E7	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15FE1A05E7	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A05E8	RT32051	SOFTWARE ENGINEERING	21	37	3
15FE1A05E8	RT32052	DATA WARE HOUSING AND MINING	20	39	3
15FE1A05E8	RT32053	COMPUTER NETWORKS	20	28	3
15FE1A05E8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	31	3
15FE1A05E8	RT32055	WEB TECHNOLOGIES	14	33	3
15FE1A05E8	RT32056	IPR AND PATENTS	22	39	2
15FE1A05E8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	39	2
15FE1A05E8	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15FE1A05E8	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15FE1A05E9	RT32051	SOFTWARE ENGINEERING	24	40	3
15FE1A05E9	RT32052	DATA WARE HOUSING AND MINING	24	57	3
15FE1A05E9	RT32053	COMPUTER NETWORKS	22	48	3
15FE1A05E9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	55	3
15FE1A05E9	RT32055	WEB TECHNOLOGIES	21	39	3
15FE1A05E9	RT32056	IPR AND PATENTS	24	42	2
15FE1A05E9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A05E9	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15FE1A05E9	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15FE1A05F0	RT32051	SOFTWARE ENGINEERING	23	45	3
15FE1A05F0	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15FE1A05F0	RT32053	COMPUTER NETWORKS	19	48	3
15FE1A05F0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	47	3
15FE1A05F0	RT32055	WEB TECHNOLOGIES	19	34	3
15FE1A05F0	RT32056	IPR AND PATENTS	20	46	2
15FE1A05F0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15FE1A05F0	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15FE1A05F0	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05F1	RT32051	SOFTWARE ENGINEERING	19	16	0
15FE1A05F1	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15FE1A05F1	RT32053	COMPUTER NETWORKS	16	32	3
15FE1A05F1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	51	3
15FE1A05F1	RT32055	WEB TECHNOLOGIES	17	11	0
15FE1A05F1	RT32056	IPR AND PATENTS	19	36	2
15FE1A05F1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A05F1	RT32058	SOFTWARE ENGINEERING LAB	19	38	2
15FE1A05F1	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A05F2	RT32051	SOFTWARE ENGINEERING	20	35	3
15FE1A05F2	RT32052	DATA WARE HOUSING AND MINING	21	28	3
15FE1A05F2	RT32053	COMPUTER NETWORKS	18	28	3
15FE1A05F2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15FE1A05F2	RT32055	WEB TECHNOLOGIES	21	30	3
15FE1A05F2	RT32056	IPR AND PATENTS	21	36	2
15FE1A05F2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05F2	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15FE1A05F2	RT32059	WEB TECHNOLOGIES LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05F4	RT32051	SOFTWARE ENGINEERING	26	46	3
15FE1A05F4	RT32052	DATA WARE HOUSING AND MINING	29	57	3
15FE1A05F4	RT32053	COMPUTER NETWORKS	25	48	3
15FE1A05F4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	57	3
15FE1A05F4	RT32055	WEB TECHNOLOGIES	24	58	3
15FE1A05F4	RT32056	IPR AND PATENTS	25	49	2
15FE1A05F4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15FE1A05F4	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05F4	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05F5	RT32051	SOFTWARE ENGINEERING	23	38	3
15FE1A05F5	RT32052	DATA WARE HOUSING AND MINING	18	26	3
15FE1A05F5	RT32053	COMPUTER NETWORKS	21	43	3
15FE1A05F5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	42	3
15FE1A05F5	RT32055	WEB TECHNOLOGIES	17	35	3
15FE1A05F5	RT32056	IPR AND PATENTS	22	28	2
15FE1A05F5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A05F5	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05F5	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15FE1A05F6	RT32051	SOFTWARE ENGINEERING	21	48	3
15FE1A05F6	RT32052	DATA WARE HOUSING AND MINING	15	36	3
15FE1A05F6	RT32053	COMPUTER NETWORKS	20	41	3
15FE1A05F6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	55	3
15FE1A05F6	RT32055	WEB TECHNOLOGIES	20	38	3
15FE1A05F6	RT32056	IPR AND PATENTS	24	47	2
15FE1A05F6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A05F6	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15FE1A05F6	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15FE1A05F7	RT32051	SOFTWARE ENGINEERING	18	29	3
15FE1A05F7	RT32052	DATA WARE HOUSING AND MINING	16	17	0
15FE1A05F7	RT32053	COMPUTER NETWORKS	16	12	0
15FE1A05F7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	40	3
15FE1A05F7	RT32055	WEB TECHNOLOGIES	16	29	3
15FE1A05F7	RT32056	IPR AND PATENTS	17	40	2
15FE1A05F7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A05F7	RT32058	SOFTWARE ENGINEERING LAB	19	37	2
15FE1A05F7	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A05F8	RT32051	SOFTWARE ENGINEERING	18	17	0
15FE1A05F8	RT32052	DATA WARE HOUSING AND MINING	16	24	3
15FE1A05F8	RT32053	COMPUTER NETWORKS	17	35	3
15FE1A05F8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	39	3
15FE1A05F8	RT32055	WEB TECHNOLOGIES	17	28	3
15FE1A05F8	RT32056	IPR AND PATENTS	20	36	2
15FE1A05F8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	41	2
15FE1A05F8	RT32058	SOFTWARE ENGINEERING LAB	22	38	2
15FE1A05F8	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15FE1A05F9	RT32051	SOFTWARE ENGINEERING	20	31	3
15FE1A05F9	RT32052	DATA WARE HOUSING AND MINING	24	30	3
15FE1A05F9	RT32053	COMPUTER NETWORKS	21	50	3
15FE1A05F9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	12	0
15FE1A05F9	RT32055	WEB TECHNOLOGIES	21	44	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05F9	RT32056	IPR AND PATENTS	22	40	2
15FE1A05F9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15FE1A05F9	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15FE1A05F9	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05G0	RT32051	SOFTWARE ENGINEERING	26	56	3
15FE1A05G0	RT32052	DATA WARE HOUSING AND MINING	27	39	3
15FE1A05G0	RT32053	COMPUTER NETWORKS	26	49	3
15FE1A05G0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	64	3
15FE1A05G0	RT32055	WEB TECHNOLOGIES	27	37	3
15FE1A05G0	RT32056	IPR AND PATENTS	24	45	2
15FE1A05G0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15FE1A05G0	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05G0	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A05G1	RT32051	SOFTWARE ENGINEERING	26	54	3
15FE1A05G1	RT32052	DATA WARE HOUSING AND MINING	23	46	3
15FE1A05G1	RT32053	COMPUTER NETWORKS	22	55	3
15FE1A05G1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	48	3
15FE1A05G1	RT32055	WEB TECHNOLOGIES	26	38	3
15FE1A05G1	RT32056	IPR AND PATENTS	26	49	2
15FE1A05G1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A05G1	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15FE1A05G1	RT32059	WEB TECHNOLOGIES LAB	22	49	2
15FE1A05G2	RT32051	SOFTWARE ENGINEERING	23	35	3
15FE1A05G2	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15FE1A05G2	RT32053	COMPUTER NETWORKS	16	41	3
15FE1A05G2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	42	3
15FE1A05G2	RT32055	WEB TECHNOLOGIES	17	34	3
15FE1A05G2	RT32056	IPR AND PATENTS	23	39	2
15FE1A05G2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15FE1A05G2	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15FE1A05G2	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15FE1A05G3	RT32051	SOFTWARE ENGINEERING	23	36	3
15FE1A05G3	RT32052	DATA WARE HOUSING AND MINING	16	32	3
15FE1A05G3	RT32053	COMPUTER NETWORKS	20	37	3
15FE1A05G3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	51	3
15FE1A05G3	RT32055	WEB TECHNOLOGIES	19	24	3
15FE1A05G3	RT32056	IPR AND PATENTS	25	38	2
15FE1A05G3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A05G3	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15FE1A05G3	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05G4	RT32051	SOFTWARE ENGINEERING	26	58	3
15FE1A05G4	RT32052	DATA WARE HOUSING AND MINING	24	49	3
15FE1A05G4	RT32053	COMPUTER NETWORKS	22	53	3
15FE1A05G4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	60	3
15FE1A05G4	RT32055	WEB TECHNOLOGIES	24	45	3
15FE1A05G4	RT32056	IPR AND PATENTS	27	55	2
15FE1A05G4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A05G4	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05G4	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15FE1A05G5	RT32051	SOFTWARE ENGINEERING	26	50	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05G5	RT32052	DATA WARE HOUSING AND MINING	29	44	3
15FE1A05G5	RT32053	COMPUTER NETWORKS	22	70	3
15FE1A05G5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15FE1A05G5	RT32055	WEB TECHNOLOGIES	28	46	3
15FE1A05G5	RT32056	IPR AND PATENTS	25	54	2
15FE1A05G5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A05G5	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15FE1A05G5	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05G6	RT32051	SOFTWARE ENGINEERING	19	41	3
15FE1A05G6	RT32052	DATA WARE HOUSING AND MINING	19	65	3
15FE1A05G6	RT32053	COMPUTER NETWORKS	22	45	3
15FE1A05G6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	49	3
15FE1A05G6	RT32055	WEB TECHNOLOGIES	22	27	3
15FE1A05G6	RT32056	IPR AND PATENTS	20	40	2
15FE1A05G6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05G6	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15FE1A05G6	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05G7	RT32051	SOFTWARE ENGINEERING	24	47	3
15FE1A05G7	RT32052	DATA WARE HOUSING AND MINING	25	26	3
15FE1A05G7	RT32053	COMPUTER NETWORKS	21	45	3
15FE1A05G7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	54	3
15FE1A05G7	RT32055	WEB TECHNOLOGIES	24	42	3
15FE1A05G7	RT32056	IPR AND PATENTS	23	34	2
15FE1A05G7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A05G7	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15FE1A05G7	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05G8	RT32051	SOFTWARE ENGINEERING	20	36	3
15FE1A05G8	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15FE1A05G8	RT32053	COMPUTER NETWORKS	20	32	3
15FE1A05G8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	56	3
15FE1A05G8	RT32055	WEB TECHNOLOGIES	21	29	3
15FE1A05G8	RT32056	IPR AND PATENTS	20	33	2
15FE1A05G8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A05G8	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15FE1A05G8	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05G9	RT32051	SOFTWARE ENGINEERING	25	31	3
15FE1A05G9	RT32052	DATA WARE HOUSING AND MINING	25	40	3
15FE1A05G9	RT32053	COMPUTER NETWORKS	20	49	3
15FE1A05G9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	50	3
15FE1A05G9	RT32055	WEB TECHNOLOGIES	26	37	3
15FE1A05G9	RT32056	IPR AND PATENTS	26	54	2
15FE1A05G9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15FE1A05G9	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15FE1A05G9	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05H0	RT32051	SOFTWARE ENGINEERING	24	40	3
15FE1A05H0	RT32052	DATA WARE HOUSING AND MINING	29	52	3
15FE1A05H0	RT32053	COMPUTER NETWORKS	25	51	3
15FE1A05H0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	57	3
15FE1A05H0	RT32055	WEB TECHNOLOGIES	25	39	3
15FE1A05H0	RT32056	IPR AND PATENTS	26	54	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A05H0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15FE1A05H0	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15FE1A05H0	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15FE1A05H1	RT32051	SOFTWARE ENGINEERING	21	36	3
15FE1A05H1	RT32052	DATA WARE HOUSING AND MINING	20	36	3
15FE1A05H1	RT32053	COMPUTER NETWORKS	24	40	3
15FE1A05H1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	54	3
15FE1A05H1	RT32055	WEB TECHNOLOGIES	22	45	3
15FE1A05H1	RT32056	IPR AND PATENTS	25	46	2
15FE1A05H1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15FE1A05H1	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15FE1A05H1	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15FE1A05H2	RT32051	SOFTWARE ENGINEERING	17	25	3
15FE1A05H2	RT32052	DATA WARE HOUSING AND MINING	12	32	3
15FE1A05H2	RT32053	COMPUTER NETWORKS	17	33	3
15FE1A05H2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	37	3
15FE1A05H2	RT32055	WEB TECHNOLOGIES	16	33	3
15FE1A05H2	RT32056	IPR AND PATENTS	18	11	0
15FE1A05H2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A05H2	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15FE1A05H2	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05H3	RT32051	SOFTWARE ENGINEERING	23	43	3
15FE1A05H3	RT32052	DATA WARE HOUSING AND MINING	15	38	3
15FE1A05H3	RT32053	COMPUTER NETWORKS	17	45	3
15FE1A05H3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15FE1A05H3	RT32055	WEB TECHNOLOGIES	21	30	3
15FE1A05H3	RT32056	IPR AND PATENTS	21	41	2
15FE1A05H3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A05H3	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15FE1A05H3	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15FE1A05H4	RT32051	SOFTWARE ENGINEERING	20	50	3
15FE1A05H4	RT32052	DATA WARE HOUSING AND MINING	19	33	3
15FE1A05H4	RT32053	COMPUTER NETWORKS	23	54	3
15FE1A05H4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15FE1A05H4	RT32055	WEB TECHNOLOGIES	20	45	3
15FE1A05H4	RT32056	IPR AND PATENTS	24	41	2
15FE1A05H4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A05H4	RT32058	SOFTWARE ENGINEERING LAB	19	45	2
15FE1A05H4	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15FE1A05H5	RT32051	SOFTWARE ENGINEERING	19	31	3
15FE1A05H5	RT32052	DATA WARE HOUSING AND MINING	14	17	0
15FE1A05H5	RT32053	COMPUTER NETWORKS	16	39	3
15FE1A05H5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	46	3
15FE1A05H5	RT32055	WEB TECHNOLOGIES	20	32	3
15FE1A05H5	RT32056	IPR AND PATENTS	21	42	2
15FE1A05H5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15FE1A05H5	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15FE1A05H5	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15FE1A1201	RT32052	DATA WARE HOUSING AND MINING	23	34	3
15FE1A1201	RT32053	COMPUTER NETWORKS	27	43	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1201	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	27	3
15FE1A1201	RT32055	WEB TECHNOLOGIES	28	56	3
15FE1A1201	RT32056	IPR AND PATENTS	21	42	2
15FE1A1201	RT32121	SOFTWARE TESTING	20	25	3
15FE1A1201	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15FE1A1201	RT32128	SOFTWARE TESTING LAB	22	44	2
15FE1A1201	RT32129	WEB TECHNOLOGIES LAB	23	48	2
15FE1A1202	RT32052	DATA WARE HOUSING AND MINING	27	45	3
15FE1A1202	RT32053	COMPUTER NETWORKS	25	36	3
15FE1A1202	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	30	3
15FE1A1202	RT32055	WEB TECHNOLOGIES	23	43	3
15FE1A1202	RT32056	IPR AND PATENTS	24	34	2
15FE1A1202	RT32121	SOFTWARE TESTING	24	33	3
15FE1A1202	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	50	2
15FE1A1202	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1202	RT32129	WEB TECHNOLOGIES LAB	23	47	2
15FE1A1203	RT32052	DATA WARE HOUSING AND MINING	16	41	3
15FE1A1203	RT32053	COMPUTER NETWORKS	23	35	3
15FE1A1203	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	40	3
15FE1A1203	RT32055	WEB TECHNOLOGIES	19	28	3
15FE1A1203	RT32056	IPR AND PATENTS	24	31	2
15FE1A1203	RT32121	SOFTWARE TESTING	22	24	3
15FE1A1203	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15FE1A1203	RT32128	SOFTWARE TESTING LAB	22	45	2
15FE1A1203	RT32129	WEB TECHNOLOGIES LAB	21	45	2
15FE1A1204	RT32052	DATA WARE HOUSING AND MINING	29	45	3
15FE1A1204	RT32053	COMPUTER NETWORKS	26	52	3
15FE1A1204	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15FE1A1204	RT32055	WEB TECHNOLOGIES	26	47	3
15FE1A1204	RT32056	IPR AND PATENTS	25	59	2
15FE1A1204	RT32121	SOFTWARE TESTING	25	41	3
15FE1A1204	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15FE1A1204	RT32128	SOFTWARE TESTING LAB	24	47	2
15FE1A1204	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15FE1A1205	RT32052	DATA WARE HOUSING AND MINING	22	35	3
15FE1A1205	RT32053	COMPUTER NETWORKS	22	48	3
15FE1A1205	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15FE1A1205	RT32055	WEB TECHNOLOGIES	24	47	3
15FE1A1205	RT32056	IPR AND PATENTS	26	42	2
15FE1A1205	RT32121	SOFTWARE TESTING	24	29	3
15FE1A1205	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A1205	RT32128	SOFTWARE TESTING LAB	23	45	2
15FE1A1205	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1207	RT32052	DATA WARE HOUSING AND MINING	28	59	3
15FE1A1207	RT32053	COMPUTER NETWORKS	27	46	3
15FE1A1207	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	42	3
15FE1A1207	RT32055	WEB TECHNOLOGIES	26	52	3
15FE1A1207	RT32056	IPR AND PATENTS	25	44	2
15FE1A1207	RT32121	SOFTWARE TESTING	25	38	3
15FE1A1207	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2



Htno	Subcode	Subname	Internal	External	Credits
15FE1A1207	RT32128	SOFTWARE TESTING LAB	23	48	2
15FE1A1207	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1208	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15FE1A1208	RT32053	COMPUTER NETWORKS	23	41	3
15FE1A1208	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15FE1A1208	RT32055	WEB TECHNOLOGIES	26	47	3
15FE1A1208	RT32056	IPR AND PATENTS	24	49	2
15FE1A1208	RT32121	SOFTWARE TESTING	23	34	3
15FE1A1208	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15FE1A1208	RT32128	SOFTWARE TESTING LAB	23	46	2
15FE1A1208	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15FE1A1209	RT32052	DATA WARE HOUSING AND MINING	20	29	3
15FE1A1209	RT32053	COMPUTER NETWORKS	21	38	3
15FE1A1209	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	31	3
15FE1A1209	RT32055	WEB TECHNOLOGIES	18	36	3
15FE1A1209	RT32056	IPR AND PATENTS	22	50	2
15FE1A1209	RT32121	SOFTWARE TESTING	17	32	3
15FE1A1209	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15FE1A1209	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1209	RT32129	WEB TECHNOLOGIES LAB	19	45	2
15FE1A1210	RT32052	DATA WARE HOUSING AND MINING	28	52	3
15FE1A1210	RT32053	COMPUTER NETWORKS	28	49	3
15FE1A1210	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	51	3
15FE1A1210	RT32055	WEB TECHNOLOGIES	28	55	3
15FE1A1210	RT32056	IPR AND PATENTS	26	45	2
15FE1A1210	RT32121	SOFTWARE TESTING	25	44	3
15FE1A1210	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15FE1A1210	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1210	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1211	RT32052	DATA WARE HOUSING AND MINING	21	48	3
15FE1A1211	RT32053	COMPUTER NETWORKS	22	42	3
15FE1A1211	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15FE1A1211	RT32055	WEB TECHNOLOGIES	25	47	3
15FE1A1211	RT32056	IPR AND PATENTS	23	44	2
15FE1A1211	RT32121	SOFTWARE TESTING	20	47	3
15FE1A1211	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
15FE1A1211	RT32128	SOFTWARE TESTING LAB	21	45	2
15FE1A1211	RT32129	WEB TECHNOLOGIES LAB	17	47	2
15FE1A1212	RT32052	DATA WARE HOUSING AND MINING	27	47	3
15FE1A1212	RT32053	COMPUTER NETWORKS	28	53	3
15FE1A1212	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	49	3
15FE1A1212	RT32055	WEB TECHNOLOGIES	27	42	3
15FE1A1212	RT32056	IPR AND PATENTS	24	43	2
15FE1A1212	RT32121	SOFTWARE TESTING	24	31	3
15FE1A1212	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A1212	RT32128	SOFTWARE TESTING LAB	22	45	2
15FE1A1212	RT32129	WEB TECHNOLOGIES LAB	24	47	2
15FE1A1213	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15FE1A1213	RT32053	COMPUTER NETWORKS	19	3	0
15FE1A1213	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	14	0

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1213	RT32055	WEB TECHNOLOGIES	17	26	3
15FE1A1213	RT32056	IPR AND PATENTS	16	36	2
15FE1A1213	RT32121	SOFTWARE TESTING	16	16	0
15FE1A1213	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
15FE1A1213	RT32128	SOFTWARE TESTING LAB	17	40	2
15FE1A1213	RT32129	WEB TECHNOLOGIES LAB	17	43	2
15FE1A1215	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15FE1A1215	RT32053	COMPUTER NETWORKS	19	43	3
15FE1A1215	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15FE1A1215	RT32055	WEB TECHNOLOGIES	19	39	3
15FE1A1215	RT32056	IPR AND PATENTS	19	41	2
15FE1A1215	RT32121	SOFTWARE TESTING	17	30	3
15FE1A1215	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
15FE1A1215	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1215	RT32129	WEB TECHNOLOGIES LAB	18	43	2
15FE1A1216	RT32052	DATA WARE HOUSING AND MINING	16	45	3
15FE1A1216	RT32053	COMPUTER NETWORKS	18	32	3
15FE1A1216	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	31	3
15FE1A1216	RT32055	WEB TECHNOLOGIES	21	29	3
15FE1A1216	RT32056	IPR AND PATENTS	20	33	2
15FE1A1216	RT32121	SOFTWARE TESTING	19	28	3
15FE1A1216	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
15FE1A1216	RT32128	SOFTWARE TESTING LAB	20	43	2
15FE1A1216	RT32129	WEB TECHNOLOGIES LAB	18	47	2
15FE1A1217	RT32052	DATA WARE HOUSING AND MINING	21	35	3
15FE1A1217	RT32053	COMPUTER NETWORKS	23	36	3
15FE1A1217	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
15FE1A1217	RT32055	WEB TECHNOLOGIES	22	30	3
15FE1A1217	RT32056	IPR AND PATENTS	22	34	2
15FE1A1217	RT32121	SOFTWARE TESTING	19	27	3
15FE1A1217	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A1217	RT32128	SOFTWARE TESTING LAB	20	45	2
15FE1A1217	RT32129	WEB TECHNOLOGIES LAB	21	46	2
15FE1A1218	RT32052	DATA WARE HOUSING AND MINING	27	46	3
15FE1A1218	RT32053	COMPUTER NETWORKS	24	60	3
15FE1A1218	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15FE1A1218	RT32055	WEB TECHNOLOGIES	28	50	3
15FE1A1218	RT32056	IPR AND PATENTS	25	70	2
15FE1A1218	RT32121	SOFTWARE TESTING	25	42	3
15FE1A1218	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A1218	RT32128	SOFTWARE TESTING LAB	22	47	2
15FE1A1218	RT32129	WEB TECHNOLOGIES LAB	23	48	2
15FE1A1220	RT32052	DATA WARE HOUSING AND MINING	27	42	3
15FE1A1220	RT32053	COMPUTER NETWORKS	23	49	3
15FE1A1220	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	44	3
15FE1A1220	RT32055	WEB TECHNOLOGIES	28	52	3
15FE1A1220	RT32056	IPR AND PATENTS	25	50	2
15FE1A1220	RT32121	SOFTWARE TESTING	21	47	3
15FE1A1220	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A1220	RT32128	SOFTWARE TESTING LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1220	RT32129	WEB TECHNOLOGIES LAB	23	48	2
15FE1A1221	RT32052	DATA WARE HOUSING AND MINING	25	54	3
15FE1A1221	RT32053	COMPUTER NETWORKS	27	54	3
15FE1A1221	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15FE1A1221	RT32055	WEB TECHNOLOGIES	26	58	3
15FE1A1221	RT32056	IPR AND PATENTS	26	34	2
15FE1A1221	RT32121	SOFTWARE TESTING	25	48	3
15FE1A1221	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15FE1A1221	RT32128	SOFTWARE TESTING LAB	24	49	2
15FE1A1221	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1222	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15FE1A1222	RT32053	COMPUTER NETWORKS	20	38	3
15FE1A1222	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
15FE1A1222	RT32055	WEB TECHNOLOGIES	21	42	3
15FE1A1222	RT32056	IPR AND PATENTS	24	40	2
15FE1A1222	RT32121	SOFTWARE TESTING	20	14	0
15FE1A1222	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1222	RT32128	SOFTWARE TESTING LAB	21	43	2
15FE1A1222	RT32129	WEB TECHNOLOGIES LAB	23	45	2
15FE1A1223	RT32052	DATA WARE HOUSING AND MINING	16	32	3
15FE1A1223	RT32053	COMPUTER NETWORKS	19	46	3
15FE1A1223	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	27	3
15FE1A1223	RT32055	WEB TECHNOLOGIES	18	44	3
15FE1A1223	RT32056	IPR AND PATENTS	18	55	2
15FE1A1223	RT32121	SOFTWARE TESTING	18	32	3
15FE1A1223	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1223	RT32128	SOFTWARE TESTING LAB	21	45	2
15FE1A1223	RT32129	WEB TECHNOLOGIES LAB	20	45	2
15FE1A1224	RT32052	DATA WARE HOUSING AND MINING	23	42	3
15FE1A1224	RT32053	COMPUTER NETWORKS	26	33	3
15FE1A1224	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	27	3
15FE1A1224	RT32055	WEB TECHNOLOGIES	22	43	3
15FE1A1224	RT32056	IPR AND PATENTS	24	41	2
15FE1A1224	RT32121	SOFTWARE TESTING	21	38	3
15FE1A1224	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15FE1A1224	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1224	RT32129	WEB TECHNOLOGIES LAB	24	50	2
15FE1A1225	RT32052	DATA WARE HOUSING AND MINING	22	49	3
15FE1A1225	RT32053	COMPUTER NETWORKS	23	36	3
15FE1A1225	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
15FE1A1225	RT32055	WEB TECHNOLOGIES	27	51	3
15FE1A1225	RT32056	IPR AND PATENTS	26	33	2
15FE1A1225	RT32121	SOFTWARE TESTING	24	40	3
15FE1A1225	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15FE1A1225	RT32128	SOFTWARE TESTING LAB	22	45	2
15FE1A1225	RT32129	WEB TECHNOLOGIES LAB	23	49	2
15FE1A1226	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15FE1A1226	RT32053	COMPUTER NETWORKS	19	0	0
15FE1A1226	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	8	0
15FE1A1226	RT32055	WEB TECHNOLOGIES	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1226	RT32056	IPR AND PATENTS	20	28	2
15FE1A1226	RT32121	SOFTWARE TESTING	17	13	0
15FE1A1226	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A1226	RT32128	SOFTWARE TESTING LAB	17	40	2
15FE1A1226	RT32129	WEB TECHNOLOGIES LAB	18	43	2
15FE1A1227	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15FE1A1227	RT32053	COMPUTER NETWORKS	25	43	3
15FE1A1227	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	37	3
15FE1A1227	RT32055	WEB TECHNOLOGIES	27	56	3
15FE1A1227	RT32056	IPR AND PATENTS	25	55	2
15FE1A1227	RT32121	SOFTWARE TESTING	25	37	3
15FE1A1227	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A1227	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1227	RT32129	WEB TECHNOLOGIES LAB	23	48	2
15FE1A1228	RT32052	DATA WARE HOUSING AND MINING	19	31	3
15FE1A1228	RT32053	COMPUTER NETWORKS	27	51	3
15FE1A1228	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	28	3
15FE1A1228	RT32055	WEB TECHNOLOGIES	27	52	3
15FE1A1228	RT32056	IPR AND PATENTS	23	41	2
15FE1A1228	RT32121	SOFTWARE TESTING	19	34	3
15FE1A1228	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15FE1A1228	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1228	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1229	RT32052	DATA WARE HOUSING AND MINING	24	57	3
15FE1A1229	RT32053	COMPUTER NETWORKS	25	42	3
15FE1A1229	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	26	3
15FE1A1229	RT32055	WEB TECHNOLOGIES	25	44	3
15FE1A1229	RT32056	IPR AND PATENTS	28	36	2
15FE1A1229	RT32121	SOFTWARE TESTING	22	45	3
15FE1A1229	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15FE1A1229	RT32128	SOFTWARE TESTING LAB	23	46	2
15FE1A1229	RT32129	WEB TECHNOLOGIES LAB	22	46	2
15FE1A1230	RT32052	DATA WARE HOUSING AND MINING	17	42	3
15FE1A1230	RT32053	COMPUTER NETWORKS	20	29	3
15FE1A1230	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	18	0
15FE1A1230	RT32055	WEB TECHNOLOGIES	21	24	3
15FE1A1230	RT32056	IPR AND PATENTS	22	32	2
15FE1A1230	RT32121	SOFTWARE TESTING	16	35	3
15FE1A1230	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15FE1A1230	RT32128	SOFTWARE TESTING LAB	20	43	2
15FE1A1230	RT32129	WEB TECHNOLOGIES LAB	19	44	2
15FE1A1231	RT32052	DATA WARE HOUSING AND MINING	27	45	3
15FE1A1231	RT32053	COMPUTER NETWORKS	24	56	3
15FE1A1231	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	34	3
15FE1A1231	RT32055	WEB TECHNOLOGIES	30	49	3
15FE1A1231	RT32056	IPR AND PATENTS	25	58	2
15FE1A1231	RT32121	SOFTWARE TESTING	24	40	3
15FE1A1231	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A1231	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1231	RT32129	WEB TECHNOLOGIES LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1232	RT32052	DATA WARE HOUSING AND MINING	19	30	3
15FE1A1232	RT32053	COMPUTER NETWORKS	16	44	3
15FE1A1232	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
15FE1A1232	RT32055	WEB TECHNOLOGIES	20	43	3
15FE1A1232	RT32056	IPR AND PATENTS	22	44	2
15FE1A1232	RT32121	SOFTWARE TESTING	24	27	3
15FE1A1232	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15FE1A1232	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1232	RT32129	WEB TECHNOLOGIES LAB	17	43	2
15FE1A1233	RT32052	DATA WARE HOUSING AND MINING	25	59	3
15FE1A1233	RT32053	COMPUTER NETWORKS	26	46	3
15FE1A1233	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	28	3
15FE1A1233	RT32055	WEB TECHNOLOGIES	28	54	3
15FE1A1233	RT32056	IPR AND PATENTS	25	38	2
15FE1A1233	RT32121	SOFTWARE TESTING	23	42	3
15FE1A1233	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A1233	RT32128	SOFTWARE TESTING LAB	24	49	2
15FE1A1233	RT32129	WEB TECHNOLOGIES LAB	23	50	2
15FE1A1234	RT32052	DATA WARE HOUSING AND MINING	27	44	3
15FE1A1234	RT32053	COMPUTER NETWORKS	23	38	3
15FE1A1234	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	6	0
15FE1A1234	RT32055	WEB TECHNOLOGIES	27	28	3
15FE1A1234	RT32056	IPR AND PATENTS	23	43	2
15FE1A1234	RT32121	SOFTWARE TESTING	20	44	3
15FE1A1234	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15FE1A1234	RT32128	SOFTWARE TESTING LAB	22	45	2
15FE1A1234	RT32129	WEB TECHNOLOGIES LAB	20	46	2
15FE1A1235	RT32052	DATA WARE HOUSING AND MINING	24	-1	0
15FE1A1235	RT32053	COMPUTER NETWORKS	25	56	3
15FE1A1235	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	32	3
15FE1A1235	RT32055	WEB TECHNOLOGIES	27	45	3
15FE1A1235	RT32056	IPR AND PATENTS	26	62	2
15FE1A1235	RT32121	SOFTWARE TESTING	21	-1	0
15FE1A1235	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15FE1A1235	RT32128	SOFTWARE TESTING LAB	22	46	2
15FE1A1235	RT32129	WEB TECHNOLOGIES LAB	21	47	2
15FE1A1236	RT32052	DATA WARE HOUSING AND MINING	25	39	3
15FE1A1236	RT32053	COMPUTER NETWORKS	25	53	3
15FE1A1236	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	41	3
15FE1A1236	RT32055	WEB TECHNOLOGIES	30	52	3
15FE1A1236	RT32056	IPR AND PATENTS	23	44	2
15FE1A1236	RT32121	SOFTWARE TESTING	26	45	3
15FE1A1236	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A1236	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1236	RT32129	WEB TECHNOLOGIES LAB	22	45	2
15FE1A1237	RT32052	DATA WARE HOUSING AND MINING	27	49	3
15FE1A1237	RT32053	COMPUTER NETWORKS	27	52	3
15FE1A1237	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	30	3
15FE1A1237	RT32055	WEB TECHNOLOGIES	29	51	3
15FE1A1237	RT32056	IPR AND PATENTS	25	44	2

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1237	RT32121	SOFTWARE TESTING	25	41	3
15FE1A1237	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15FE1A1237	RT32128	SOFTWARE TESTING LAB	24	49	2
15FE1A1237	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15FE1A1238	RT32052	DATA WARE HOUSING AND MINING	18	25	3
15FE1A1238	RT32053	COMPUTER NETWORKS	16	24	3
15FE1A1238	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	15	0
15FE1A1238	RT32055	WEB TECHNOLOGIES	16	24	3
15FE1A1238	RT32056	IPR AND PATENTS	18	28	2
15FE1A1238	RT32121	SOFTWARE TESTING	16	18	0
15FE1A1238	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15FE1A1238	RT32128	SOFTWARE TESTING LAB	18	43	2
15FE1A1238	RT32129	WEB TECHNOLOGIES LAB	20	44	2
15FE1A1239	RT32052	DATA WARE HOUSING AND MINING	23	25	3
15FE1A1239	RT32053	COMPUTER NETWORKS	17	38	3
15FE1A1239	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	15	0
15FE1A1239	RT32055	WEB TECHNOLOGIES	18	31	3
15FE1A1239	RT32056	IPR AND PATENTS	20	41	2
15FE1A1239	RT32121	SOFTWARE TESTING	17	27	3
15FE1A1239	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1239	RT32128	SOFTWARE TESTING LAB	19	44	2
15FE1A1239	RT32129	WEB TECHNOLOGIES LAB	19	40	2
15FE1A1240	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15FE1A1240	RT32053	COMPUTER NETWORKS	21	44	3
15FE1A1240	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15FE1A1240	RT32055	WEB TECHNOLOGIES	24	36	3
15FE1A1240	RT32056	IPR AND PATENTS	19	32	2
15FE1A1240	RT32121	SOFTWARE TESTING	20	26	3
15FE1A1240	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1240	RT32128	SOFTWARE TESTING LAB	19	44	2
15FE1A1240	RT32129	WEB TECHNOLOGIES LAB	21	42	2
15FE1A1241	RT32052	DATA WARE HOUSING AND MINING	24	59	3
15FE1A1241	RT32053	COMPUTER NETWORKS	24	51	3
15FE1A1241	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15FE1A1241	RT32055	WEB TECHNOLOGIES	28	51	3
15FE1A1241	RT32056	IPR AND PATENTS	24	40	2
15FE1A1241	RT32121	SOFTWARE TESTING	23	45	3
15FE1A1241	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15FE1A1241	RT32128	SOFTWARE TESTING LAB	22	47	2
15FE1A1241	RT32129	WEB TECHNOLOGIES LAB	25	48	2
15FE1A1242	RT32052	DATA WARE HOUSING AND MINING	25	38	3
15FE1A1242	RT32053	COMPUTER NETWORKS	26	34	3
15FE1A1242	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	42	3
15FE1A1242	RT32055	WEB TECHNOLOGIES	27	32	3
15FE1A1242	RT32056	IPR AND PATENTS	26	39	2
15FE1A1242	RT32121	SOFTWARE TESTING	21	29	3
15FE1A1242	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A1242	RT32128	SOFTWARE TESTING LAB	22	46	2
15FE1A1242	RT32129	WEB TECHNOLOGIES LAB	20	45	2
15FE1A1243	RT32052	DATA WARE HOUSING AND MINING	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1243	RT32053	COMPUTER NETWORKS	16	39	3
15FE1A1243	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	31	3
15FE1A1243	RT32055	WEB TECHNOLOGIES	22	29	3
15FE1A1243	RT32056	IPR AND PATENTS	23	54	2
15FE1A1243	RT32121	SOFTWARE TESTING	20	25	3
15FE1A1243	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15FE1A1243	RT32128	SOFTWARE TESTING LAB	20	43	2
15FE1A1243	RT32129	WEB TECHNOLOGIES LAB	18	40	2
15FE1A1244	RT32052	DATA WARE HOUSING AND MINING	23	31	3
15FE1A1244	RT32053	COMPUTER NETWORKS	24	37	3
15FE1A1244	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
15FE1A1244	RT32055	WEB TECHNOLOGIES	27	39	3
15FE1A1244	RT32056	IPR AND PATENTS	23	42	2
15FE1A1244	RT32121	SOFTWARE TESTING	18	15	0
15FE1A1244	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A1244	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1244	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15FE1A1245	RT32052	DATA WARE HOUSING AND MINING	22	54	3
15FE1A1245	RT32053	COMPUTER NETWORKS	24	41	3
15FE1A1245	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	30	3
15FE1A1245	RT32055	WEB TECHNOLOGIES	29	41	3
15FE1A1245	RT32056	IPR AND PATENTS	23	49	2
15FE1A1245	RT32121	SOFTWARE TESTING	19	39	3
15FE1A1245	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15FE1A1245	RT32128	SOFTWARE TESTING LAB	22	47	2
15FE1A1245	RT32129	WEB TECHNOLOGIES LAB	23	49	2
15FE1A1246	RT32052	DATA WARE HOUSING AND MINING	24	39	3
15FE1A1246	RT32053	COMPUTER NETWORKS	23	32	3
15FE1A1246	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	41	3
15FE1A1246	RT32055	WEB TECHNOLOGIES	25	37	3
15FE1A1246	RT32056	IPR AND PATENTS	24	39	2
15FE1A1246	RT32121	SOFTWARE TESTING	18	41	3
15FE1A1246	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
15FE1A1246	RT32128	SOFTWARE TESTING LAB	21	45	2
15FE1A1246	RT32129	WEB TECHNOLOGIES LAB	21	46	2
15FE1A1247	RT32052	DATA WARE HOUSING AND MINING	27	54	3
15FE1A1247	RT32053	COMPUTER NETWORKS	25	54	3
15FE1A1247	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	45	3
15FE1A1247	RT32055	WEB TECHNOLOGIES	30	40	3
15FE1A1247	RT32056	IPR AND PATENTS	26	60	2
15FE1A1247	RT32121	SOFTWARE TESTING	22	45	3
15FE1A1247	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15FE1A1247	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1247	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15FE1A1248	RT32052	DATA WARE HOUSING AND MINING	23	43	3
15FE1A1248	RT32053	COMPUTER NETWORKS	26	52	3
15FE1A1248	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	27	3
15FE1A1248	RT32055	WEB TECHNOLOGIES	28	52	3
15FE1A1248	RT32056	IPR AND PATENTS	27	48	2
15FE1A1248	RT32121	SOFTWARE TESTING	20	38	3

Htno	Subcode	Subname	Internal	External	Credits
15FE1A1248	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15FE1A1248	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1248	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15FE1A1249	RT32052	DATA WARE HOUSING AND MINING	27	52	3
15FE1A1249	RT32053	COMPUTER NETWORKS	27	56	3
15FE1A1249	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
15FE1A1249	RT32055	WEB TECHNOLOGIES	30	58	3
15FE1A1249	RT32056	IPR AND PATENTS	28	41	2
15FE1A1249	RT32121	SOFTWARE TESTING	25	49	3
15FE1A1249	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15FE1A1249	RT32128	SOFTWARE TESTING LAB	24	49	2
15FE1A1249	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1250	RT32052	DATA WARE HOUSING AND MINING	20	44	3
15FE1A1250	RT32053	COMPUTER NETWORKS	21	47	3
15FE1A1250	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	29	3
15FE1A1250	RT32055	WEB TECHNOLOGIES	21	36	3
15FE1A1250	RT32056	IPR AND PATENTS	20	34	2
15FE1A1250	RT32121	SOFTWARE TESTING	19	32	3
15FE1A1250	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1250	RT32128	SOFTWARE TESTING LAB	20	46	2
15FE1A1250	RT32129	WEB TECHNOLOGIES LAB	20	43	2
15FE1A1252	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15FE1A1252	RT32053	COMPUTER NETWORKS	17	29	3
15FE1A1252	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
15FE1A1252	RT32055	WEB TECHNOLOGIES	18	27	3
15FE1A1252	RT32056	IPR AND PATENTS	17	45	2
15FE1A1252	RT32121	SOFTWARE TESTING	17	29	3
15FE1A1252	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15FE1A1252	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1252	RT32129	WEB TECHNOLOGIES LAB	20	42	2
15FE1A1253	RT32052	DATA WARE HOUSING AND MINING	20	37	3
15FE1A1253	RT32053	COMPUTER NETWORKS	21	41	3
15FE1A1253	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
15FE1A1253	RT32055	WEB TECHNOLOGIES	23	48	3
15FE1A1253	RT32056	IPR AND PATENTS	22	42	2
15FE1A1253	RT32121	SOFTWARE TESTING	20	39	3
15FE1A1253	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15FE1A1253	RT32128	SOFTWARE TESTING LAB	22	47	2
15FE1A1253	RT32129	WEB TECHNOLOGIES LAB	22	46	2
15FE1A1254	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15FE1A1254	RT32053	COMPUTER NETWORKS	26	46	3
15FE1A1254	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	38	3
15FE1A1254	RT32055	WEB TECHNOLOGIES	27	37	3
15FE1A1254	RT32056	IPR AND PATENTS	22	33	2
15FE1A1254	RT32121	SOFTWARE TESTING	21	32	3
15FE1A1254	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15FE1A1254	RT32128	SOFTWARE TESTING LAB	24	48	2
15FE1A1254	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15FE1A1255	RT32052	DATA WARE HOUSING AND MINING	25	53	3
15FE1A1255	RT32053	COMPUTER NETWORKS	25	42	3



Htno	Subcode	Subname	Internal	External	Credits
15FE1A1255	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	40	3
15FE1A1255	RT32055	WEB TECHNOLOGIES	29	56	3
15FE1A1255	RT32056	IPR AND PATENTS	23	47	2
15FE1A1255	RT32121	SOFTWARE TESTING	22	52	3
15FE1A1255	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15FE1A1255	RT32128	SOFTWARE TESTING LAB	23	48	2
15FE1A1255	RT32129	WEB TECHNOLOGIES LAB	24	49	2
15FE1A1256	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15FE1A1256	RT32053	COMPUTER NETWORKS	16	39	3
15FE1A1256	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15FE1A1256	RT32055	WEB TECHNOLOGIES	16	29	3
15FE1A1256	RT32056	IPR AND PATENTS	21	55	2
15FE1A1256	RT32121	SOFTWARE TESTING	16	28	3
15FE1A1256	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15FE1A1256	RT32128	SOFTWARE TESTING LAB	20	44	2
15FE1A1256	RT32129	WEB TECHNOLOGIES LAB	21	44	2
15FE1A1257	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15FE1A1257	RT32053	COMPUTER NETWORKS	27	48	3
15FE1A1257	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15FE1A1257	RT32055	WEB TECHNOLOGIES	28	44	3
15FE1A1257	RT32056	IPR AND PATENTS	24	41	2
15FE1A1257	RT32121	SOFTWARE TESTING	22	49	3
15FE1A1257	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A1257	RT32128	SOFTWARE TESTING LAB	23	47	2
15FE1A1257	RT32129	WEB TECHNOLOGIES LAB	22	46	2
15FE1A1258	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15FE1A1258	RT32053	COMPUTER NETWORKS	25	35	3
15FE1A1258	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	42	3
15FE1A1258	RT32055	WEB TECHNOLOGIES	25	37	3
15FE1A1258	RT32056	IPR AND PATENTS	19	37	2
15FE1A1258	RT32121	SOFTWARE TESTING	18	39	3
15FE1A1258	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15FE1A1258	RT32128	SOFTWARE TESTING LAB	21	46	2
15FE1A1258	RT32129	WEB TECHNOLOGIES LAB	22	43	2
15FE5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	21	0
15FE5A0310	RT32031	OPERATIONS RESEARCH	19	-1	0
15FE5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	14	-1	0
15FE5A0310	RT32035	HEAT TRANSFER	10	-1	0
15FE5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	-1	0
15FE5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	15	0
15FE5A0326	RT32034	ROBOTICS	21	30	3
15FE5A0326	RT32035	HEAT TRANSFER	18	6	0
15FE5A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	20	22	0
15FE5A0406	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
15FE5A0421	RT32042	DIGITAL SIGNAL PROCESSING	11	0	0
15FE5A0421	RT32044	MICROWAVE ENGINEERING	18	5	0
15FE5A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	4	0
15FE5A0428	RT32042	DIGITAL SIGNAL PROCESSING	20	21	0
15FE5A0428	RT32043	DIGITAL COMMUNICATIONS	18	10	0
15FE5A0428	RT32044	MICROWAVE ENGINEERING	19	11	0

Htno	Subcode	Subname	Internal	External	Credits
15FE5A0428	RT32045A	BIO MEDICAL ENGINEERING	11	12	0
15FE5A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15FE5A0428	RT32047	DIGITAL COMMUNICATIONS LAB	16	40	2
15FE5A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	26	2
15FE5A0428	RT32049	SEMINAR	41	0	1
16FE5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	48	3
16FE5A0101	RT32012	GEOTECHNICAL ENGINEERING II	21	32	3
16FE5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	53	3
16FE5A0101	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
16FE5A0101	RT32015	TRANSPORTATION ENGINEERING II	25	53	3
16FE5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	64	3
16FE5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
16FE5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
16FE5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	23	31	3
16FE5A0102	RT32012	GEOTECHNICAL ENGINEERING II	25	35	3
16FE5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	30	3
16FE5A0102	RT32014	WATER RESOURCES ENGINEERING I	25	53	3
16FE5A0102	RT32015	TRANSPORTATION ENGINEERING II	30	70	3
16FE5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	27	24	3
16FE5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	65	2
16FE5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
16FE5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	18	36	3
16FE5A0103	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
16FE5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	35	3
16FE5A0103	RT32014	WATER RESOURCES ENGINEERING I	22	38	3
16FE5A0103	RT32015	TRANSPORTATION ENGINEERING II	21	39	3
16FE5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	30	3
16FE5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	63	2
16FE5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
16FE5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	18	42	3
16FE5A0104	RT32012	GEOTECHNICAL ENGINEERING II	24	41	3
16FE5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	40	3
16FE5A0104	RT32014	WATER RESOURCES ENGINEERING I	25	29	3
16FE5A0104	RT32015	TRANSPORTATION ENGINEERING II	25	48	3
16FE5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	55	3
16FE5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
16FE5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
16FE5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	20	44	3
16FE5A0105	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
16FE5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	51	3
16FE5A0105	RT32014	WATER RESOURCES ENGINEERING I	21	44	3
16FE5A0105	RT32015	TRANSPORTATION ENGINEERING II	30	41	3
16FE5A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	36	3
16FE5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	64	2
16FE5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
16FE5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	25	32	3
16FE5A0106	RT32012	GEOTECHNICAL ENGINEERING II	23	44	3
16FE5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	51	3
16FE5A0106	RT32014	WATER RESOURCES ENGINEERING I	25	48	3
16FE5A0106	RT32015	TRANSPORTATION ENGINEERING II	23	70	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	57	3
16FE5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
16FE5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
16FE5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	26	58	3
16FE5A0107	RT32012	GEOTECHNICAL ENGINEERING II	26	48	3
16FE5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	56	3
16FE5A0107	RT32014	WATER RESOURCES ENGINEERING I	22	49	3
16FE5A0107	RT32015	TRANSPORTATION ENGINEERING II	27	51	3
16FE5A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	46	3
16FE5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
16FE5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	23	49	2
16FE5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	25	37	3
16FE5A0108	RT32012	GEOTECHNICAL ENGINEERING II	22	34	3
16FE5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	37	3
16FE5A0108	RT32014	WATER RESOURCES ENGINEERING I	20	29	3
16FE5A0108	RT32015	TRANSPORTATION ENGINEERING II	28	48	3
16FE5A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	42	3
16FE5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
16FE5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
16FE5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	25	42	3
16FE5A0109	RT32012	GEOTECHNICAL ENGINEERING II	21	32	3
16FE5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	57	3
16FE5A0109	RT32014	WATER RESOURCES ENGINEERING I	21	28	3
16FE5A0109	RT32015	TRANSPORTATION ENGINEERING II	28	48	3
16FE5A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	47	3
16FE5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
16FE5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
16FE5A0110	RT32011	ENVIRONMENTAL ENGINEERING I	26	30	3
16FE5A0110	RT32012	GEOTECHNICAL ENGINEERING II	21	52	3
16FE5A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	56	3
16FE5A0110	RT32014	WATER RESOURCES ENGINEERING I	21	49	3
16FE5A0110	RT32015	TRANSPORTATION ENGINEERING II	29	70	3
16FE5A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	34	3
16FE5A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
16FE5A0110	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
16FE5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	19	32	3
16FE5A0111	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3
16FE5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	48	3
16FE5A0111	RT32014	WATER RESOURCES ENGINEERING I	22	16	0
16FE5A0111	RT32015	TRANSPORTATION ENGINEERING II	28	16	0
16FE5A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	33	3
16FE5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
16FE5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
16FE5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	18	31	3
16FE5A0112	RT32012	GEOTECHNICAL ENGINEERING II	22	37	3
16FE5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	17	0
16FE5A0112	RT32014	WATER RESOURCES ENGINEERING I	23	29	3
16FE5A0112	RT32015	TRANSPORTATION ENGINEERING II	23	36	3
16FE5A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	47	3
16FE5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	21	40	2
16FE5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	36	3
16FE5A0201	RT32022	SWITCHGEAR AND PROTECTION	26	30	3
16FE5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	10	42	3
16FE5A0201	RT32024	POWER SYSTEM ANALYSIS	20	38	3
16FE5A0201	RT32025	MANAGEMENT SCIENCE	20	50	3
16FE5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	16	49	3
16FE5A0201	RT32027	POWER ELECTRONICS LAB	17	45	2
16FE5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	21	47	2
16FE5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	48	3
16FE5A0202	RT32022	SWITCHGEAR AND PROTECTION	27	37	3
16FE5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	45	3
16FE5A0202	RT32024	POWER SYSTEM ANALYSIS	27	41	3
16FE5A0202	RT32025	MANAGEMENT SCIENCE	18	43	3
16FE5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	25	52	3
16FE5A0202	RT32027	POWER ELECTRONICS LAB	22	48	2
16FE5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	51	3
16FE5A0203	RT32022	SWITCHGEAR AND PROTECTION	21	38	3
16FE5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	36	3
16FE5A0203	RT32024	POWER SYSTEM ANALYSIS	24	40	3
16FE5A0203	RT32025	MANAGEMENT SCIENCE	19	59	3
16FE5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	51	3
16FE5A0203	RT32027	POWER ELECTRONICS LAB	20	46	2
16FE5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16FE5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	40	3
16FE5A0204	RT32022	SWITCHGEAR AND PROTECTION	22	35	3
16FE5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	50	3
16FE5A0204	RT32024	POWER SYSTEM ANALYSIS	21	41	3
16FE5A0204	RT32025	MANAGEMENT SCIENCE	18	49	3
16FE5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	23	41	3
16FE5A0204	RT32027	POWER ELECTRONICS LAB	22	48	2
16FE5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
16FE5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	29	3
16FE5A0205	RT32022	SWITCHGEAR AND PROTECTION	24	41	3
16FE5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	39	3
16FE5A0205	RT32024	POWER SYSTEM ANALYSIS	23	44	3
16FE5A0205	RT32025	MANAGEMENT SCIENCE	20	43	3
16FE5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	18	53	3
16FE5A0205	RT32027	POWER ELECTRONICS LAB	20	47	2
16FE5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
16FE5A0206	RT32022	SWITCHGEAR AND PROTECTION	19	44	3
16FE5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	64	3
16FE5A0206	RT32024	POWER SYSTEM ANALYSIS	22	37	3
16FE5A0206	RT32025	MANAGEMENT SCIENCE	21	53	3
16FE5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	18	55	3
16FE5A0206	RT32027	POWER ELECTRONICS LAB	21	46	2
16FE5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	21	47	2
16FE5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	53	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0207	RT32022	SWITCHGEAR AND PROTECTION	22	34	3
16FE5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	64	3
16FE5A0207	RT32024	POWER SYSTEM ANALYSIS	25	50	3
16FE5A0207	RT32025	MANAGEMENT SCIENCE	22	45	3
16FE5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	19	43	3
16FE5A0207	RT32027	POWER ELECTRONICS LAB	21	48	2
16FE5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	22	39	2
16FE5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	32	3
16FE5A0208	RT32022	SWITCHGEAR AND PROTECTION	21	19	0
16FE5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	37	3
16FE5A0208	RT32024	POWER SYSTEM ANALYSIS	21	24	3
16FE5A0208	RT32025	MANAGEMENT SCIENCE	21	35	3
16FE5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	17	12	0
16FE5A0208	RT32027	POWER ELECTRONICS LAB	19	46	2
16FE5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	34	3
16FE5A0209	RT32022	SWITCHGEAR AND PROTECTION	19	30	3
16FE5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	43	3
16FE5A0209	RT32024	POWER SYSTEM ANALYSIS	21	43	3
16FE5A0209	RT32025	MANAGEMENT SCIENCE	22	36	3
16FE5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	19	45	3
16FE5A0209	RT32027	POWER ELECTRONICS LAB	18	45	2
16FE5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
16FE5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	36	3
16FE5A0210	RT32022	SWITCHGEAR AND PROTECTION	22	33	3
16FE5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	46	3
16FE5A0210	RT32024	POWER SYSTEM ANALYSIS	24	31	3
16FE5A0210	RT32025	MANAGEMENT SCIENCE	18	57	3
16FE5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	19	51	3
16FE5A0210	RT32027	POWER ELECTRONICS LAB	18	46	2
16FE5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
16FE5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	47	3
16FE5A0211	RT32022	SWITCHGEAR AND PROTECTION	23	38	3
16FE5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	44	3
16FE5A0211	RT32024	POWER SYSTEM ANALYSIS	27	36	3
16FE5A0211	RT32025	MANAGEMENT SCIENCE	22	42	3
16FE5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	25	44	3
16FE5A0211	RT32027	POWER ELECTRONICS LAB	21	48	2
16FE5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
16FE5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	42	3
16FE5A0212	RT32022	SWITCHGEAR AND PROTECTION	22	34	3
16FE5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	36	3
16FE5A0212	RT32024	POWER SYSTEM ANALYSIS	24	29	3
16FE5A0212	RT32025	MANAGEMENT SCIENCE	19	36	3
16FE5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
16FE5A0212	RT32027	POWER ELECTRONICS LAB	19	45	2
16FE5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
16FE5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	26	3
16FE5A0213	RT32022	SWITCHGEAR AND PROTECTION	17	24	3
16FE5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	37	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0213	RT32024	POWER SYSTEM ANALYSIS	20	38	3
16FE5A0213	RT32025	MANAGEMENT SCIENCE	18	36	3
16FE5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	17	37	3
16FE5A0213	RT32027	POWER ELECTRONICS LAB	18	45	2
16FE5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16FE5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	37	3
16FE5A0214	RT32022	SWITCHGEAR AND PROTECTION	15	37	3
16FE5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	47	3
16FE5A0214	RT32024	POWER SYSTEM ANALYSIS	21	28	3
16FE5A0214	RT32025	MANAGEMENT SCIENCE	18	40	3
16FE5A0214	RT32026	POWER SEMICONDUCTOR DRIVES	19	45	3
16FE5A0214	RT32027	POWER ELECTRONICS LAB	16	44	2
16FE5A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	16	47	2
16FE5A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	54	3
16FE5A0215	RT32022	SWITCHGEAR AND PROTECTION	28	39	3
16FE5A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	44	3
16FE5A0215	RT32024	POWER SYSTEM ANALYSIS	27	48	3
16FE5A0215	RT32025	MANAGEMENT SCIENCE	20	40	3
16FE5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	22	54	3
16FE5A0215	RT32027	POWER ELECTRONICS LAB	23	45	2
16FE5A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
16FE5A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	44	3
16FE5A0216	RT32022	SWITCHGEAR AND PROTECTION	21	36	3
16FE5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	50	3
16FE5A0216	RT32024	POWER SYSTEM ANALYSIS	21	25	3
16FE5A0216	RT32025	MANAGEMENT SCIENCE	21	40	3
16FE5A0216	RT32026	POWER SEMICONDUCTOR DRIVES	22	36	3
16FE5A0216	RT32027	POWER ELECTRONICS LAB	21	45	2
16FE5A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
16FE5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	32	3
16FE5A0217	RT32022	SWITCHGEAR AND PROTECTION	26	64	3
16FE5A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	50	3
16FE5A0217	RT32024	POWER SYSTEM ANALYSIS	26	59	3
16FE5A0217	RT32025	MANAGEMENT SCIENCE	24	54	3
16FE5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	22	60	3
16FE5A0217	RT32027	POWER ELECTRONICS LAB	24	47	2
16FE5A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	30	3
16FE5A0218	RT32022	SWITCHGEAR AND PROTECTION	22	49	3
16FE5A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	51	3
16FE5A0218	RT32024	POWER SYSTEM ANALYSIS	18	28	3
16FE5A0218	RT32025	MANAGEMENT SCIENCE	21	39	3
16FE5A0218	RT32026	POWER SEMICONDUCTOR DRIVES	22	54	3
16FE5A0218	RT32027	POWER ELECTRONICS LAB	20	46	2
16FE5A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
16FE5A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	39	3
16FE5A0219	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
16FE5A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	39	3
16FE5A0219	RT32024	POWER SYSTEM ANALYSIS	22	32	3
16FE5A0219	RT32025	MANAGEMENT SCIENCE	21	38	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	18	42	3
16FE5A0219	RT32027	POWER ELECTRONICS LAB	22	46	2
16FE5A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
16FE5A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	36	3
16FE5A0220	RT32022	SWITCHGEAR AND PROTECTION	27	63	3
16FE5A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	44	3
16FE5A0220	RT32024	POWER SYSTEM ANALYSIS	25	30	3
16FE5A0220	RT32025	MANAGEMENT SCIENCE	24	37	3
16FE5A0220	RT32026	POWER SEMICONDUCTOR DRIVES	23	42	3
16FE5A0220	RT32027	POWER ELECTRONICS LAB	24	46	2
16FE5A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
16FE5A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	29	3
16FE5A0221	RT32022	SWITCHGEAR AND PROTECTION	21	43	3
16FE5A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	46	3
16FE5A0221	RT32024	POWER SYSTEM ANALYSIS	21	47	3
16FE5A0221	RT32025	MANAGEMENT SCIENCE	22	46	3
16FE5A0221	RT32026	POWER SEMICONDUCTOR DRIVES	21	62	3
16FE5A0221	RT32027	POWER ELECTRONICS LAB	23	47	2
16FE5A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
16FE5A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	39	3
16FE5A0222	RT32022	SWITCHGEAR AND PROTECTION	24	40	3
16FE5A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	57	3
16FE5A0222	RT32024	POWER SYSTEM ANALYSIS	20	34	3
16FE5A0222	RT32025	MANAGEMENT SCIENCE	22	49	3
16FE5A0222	RT32026	POWER SEMICONDUCTOR DRIVES	19	42	3
16FE5A0222	RT32027	POWER ELECTRONICS LAB	22	45	2
16FE5A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
16FE5A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	47	3
16FE5A0223	RT32022	SWITCHGEAR AND PROTECTION	26	38	3
16FE5A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	42	3
16FE5A0223	RT32024	POWER SYSTEM ANALYSIS	21	50	3
16FE5A0223	RT32025	MANAGEMENT SCIENCE	24	61	3
16FE5A0223	RT32026	POWER SEMICONDUCTOR DRIVES	22	53	3
16FE5A0223	RT32027	POWER ELECTRONICS LAB	22	48	2
16FE5A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	43	3
16FE5A0224	RT32022	SWITCHGEAR AND PROTECTION	27	48	3
16FE5A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	60	3
16FE5A0224	RT32024	POWER SYSTEM ANALYSIS	29	51	3
16FE5A0224	RT32025	MANAGEMENT SCIENCE	26	40	3
16FE5A0224	RT32026	POWER SEMICONDUCTOR DRIVES	23	50	3
16FE5A0224	RT32027	POWER ELECTRONICS LAB	25	47	2
16FE5A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16FE5A0301	RT32031	OPERATIONS RESEARCH	19	28	3
16FE5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	14	0
16FE5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	24	34	3
16FE5A0301	RT32034	ROBOTICS	17	34	3
16FE5A0301	RT32035	HEAT TRANSFER	21	31	3
16FE5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	43	3
16FE5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	21	28	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0301	RT32038	HEAT TRANSFER LAB	23	37	2
16FE5A0302	RT32031	OPERATIONS RESEARCH	26	46	3
16FE5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	35	3
16FE5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	24	29	3
16FE5A0302	RT32034	ROBOTICS	23	31	3
16FE5A0302	RT32035	HEAT TRANSFER	26	45	3
16FE5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	48	3
16FE5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	26	34	3
16FE5A0302	RT32038	HEAT TRANSFER LAB	24	45	2
16FE5A0303	RT32031	OPERATIONS RESEARCH	17	41	3
16FE5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	38	3
16FE5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	23	48	3
16FE5A0303	RT32034	ROBOTICS	19	57	3
16FE5A0303	RT32035	HEAT TRANSFER	26	24	3
16FE5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	44	3
16FE5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	23	45	3
16FE5A0303	RT32038	HEAT TRANSFER LAB	23	45	2
16FE5A0304	RT32031	OPERATIONS RESEARCH	26	32	3
16FE5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
16FE5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	26	33	3
16FE5A0304	RT32034	ROBOTICS	21	42	3
16FE5A0304	RT32035	HEAT TRANSFER	26	39	3
16FE5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	56	3
16FE5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	22	48	3
16FE5A0304	RT32038	HEAT TRANSFER LAB	23	42	2
16FE5A0305	RT32031	OPERATIONS RESEARCH	21	41	3
16FE5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	25	3
16FE5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	21	28	3
16FE5A0305	RT32034	ROBOTICS	22	42	3
16FE5A0305	RT32035	HEAT TRANSFER	23	44	3
16FE5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	51	3
16FE5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	18	39	3
16FE5A0305	RT32038	HEAT TRANSFER LAB	23	42	2
16FE5A0306	RT32031	OPERATIONS RESEARCH	26	45	3
16FE5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
16FE5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	27	49	3
16FE5A0306	RT32034	ROBOTICS	25	39	3
16FE5A0306	RT32035	HEAT TRANSFER	27	49	3
16FE5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	42	3
16FE5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	26	62	3
16FE5A0306	RT32038	HEAT TRANSFER LAB	24	43	2
16FE5A0307	RT32031	OPERATIONS RESEARCH	21	46	3
16FE5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	30	3
16FE5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	23	38	3
16FE5A0307	RT32034	ROBOTICS	18	36	3
16FE5A0307	RT32035	HEAT TRANSFER	17	34	3
16FE5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	45	3
16FE5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
16FE5A0307	RT32038	HEAT TRANSFER LAB	23	44	2
16FE5A0308	RT32031	OPERATIONS RESEARCH	21	16	0



Htno	Subcode	Subname	Internal	External	Credits
16FE5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
16FE5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	17	29	3
16FE5A0308	RT32034	ROBOTICS	23	54	3
16FE5A0308	RT32035	HEAT TRANSFER	19	32	3
16FE5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	47	3
16FE5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	15	39	3
16FE5A0308	RT32038	HEAT TRANSFER LAB	21	42	2
16FE5A0309	RT32031	OPERATIONS RESEARCH	26	28	3
16FE5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	16	0
16FE5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	22	52	3
16FE5A0309	RT32034	ROBOTICS	17	35	3
16FE5A0309	RT32035	HEAT TRANSFER	25	37	3
16FE5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	57	3
16FE5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	24	41	3
16FE5A0309	RT32038	HEAT TRANSFER LAB	23	43	2
16FE5A0310	RT32031	OPERATIONS RESEARCH	27	54	3
16FE5A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
16FE5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	24	36	3
16FE5A0310	RT32034	ROBOTICS	28	43	3
16FE5A0310	RT32035	HEAT TRANSFER	27	56	3
16FE5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	58	3
16FE5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	23	55	3
16FE5A0310	RT32038	HEAT TRANSFER LAB	21	45	2
16FE5A0311	RT32031	OPERATIONS RESEARCH	26	40	3
16FE5A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	31	3
16FE5A0311	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
16FE5A0311	RT32034	ROBOTICS	19	41	3
16FE5A0311	RT32035	HEAT TRANSFER	22	11	0
16FE5A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	40	3
16FE5A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	16	38	3
16FE5A0311	RT32038	HEAT TRANSFER LAB	23	42	2
16FE5A0312	RT32031	OPERATIONS RESEARCH	24	51	3
16FE5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	45	3
16FE5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	25	30	3
16FE5A0312	RT32034	ROBOTICS	27	51	3
16FE5A0312	RT32035	HEAT TRANSFER	26	44	3
16FE5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	45	3
16FE5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
16FE5A0312	RT32038	HEAT TRANSFER LAB	18	42	2
16FE5A0313	RT32031	OPERATIONS RESEARCH	23	35	3
16FE5A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
16FE5A0313	RT32033	DESIGN OF MACHINE MEMBERS II	24	43	3
16FE5A0313	RT32034	ROBOTICS	22	62	3
16FE5A0313	RT32035	HEAT TRANSFER	22	36	3
16FE5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	43	3
16FE5A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	23	47	3
16FE5A0313	RT32038	HEAT TRANSFER LAB	20	40	2
16FE5A0314	RT32031	OPERATIONS RESEARCH	19	31	3
16FE5A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
16FE5A0314	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0314	RT32034	ROBOTICS	19	28	3
16FE5A0314	RT32035	HEAT TRANSFER	17	44	3
16FE5A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	37	3
16FE5A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	16	39	3
16FE5A0314	RT32038	HEAT TRANSFER LAB	17	35	2
16FE5A0315	RT32031	OPERATIONS RESEARCH	24	52	3
16FE5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	36	3
16FE5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	20	37	3
16FE5A0315	RT32034	ROBOTICS	18	41	3
16FE5A0315	RT32035	HEAT TRANSFER	23	34	3
16FE5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	42	3
16FE5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	16	43	3
16FE5A0315	RT32038	HEAT TRANSFER LAB	22	42	2
16FE5A0316	RT32031	OPERATIONS RESEARCH	20	24	3
16FE5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	30	3
16FE5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	17	29	3
16FE5A0316	RT32034	ROBOTICS	21	40	3
16FE5A0316	RT32035	HEAT TRANSFER	24	44	3
16FE5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	35	3
16FE5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
16FE5A0316	RT32038	HEAT TRANSFER LAB	20	37	2
16FE5A0317	RT32031	OPERATIONS RESEARCH	22	48	3
16FE5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
16FE5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	21	47	3
16FE5A0317	RT32034	ROBOTICS	27	36	3
16FE5A0317	RT32035	HEAT TRANSFER	26	40	3
16FE5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	41	3
16FE5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	16	42	3
16FE5A0317	RT32038	HEAT TRANSFER LAB	22	45	2
16FE5A0318	RT32031	OPERATIONS RESEARCH	20	37	3
16FE5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	35	3
16FE5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	18	34	3
16FE5A0318	RT32034	ROBOTICS	15	25	3
16FE5A0318	RT32035	HEAT TRANSFER	19	41	3
16FE5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	46	3
16FE5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	16	36	3
16FE5A0318	RT32038	HEAT TRANSFER LAB	22	42	2
16FE5A0319	RT32031	OPERATIONS RESEARCH	21	54	3
16FE5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	48	3
16FE5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	22	34	3
16FE5A0319	RT32034	ROBOTICS	16	45	3
16FE5A0319	RT32035	HEAT TRANSFER	21	13	0
16FE5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	34	3
16FE5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	18	42	3
16FE5A0319	RT32038	HEAT TRANSFER LAB	23	46	2
16FE5A0320	RT32031	OPERATIONS RESEARCH	23	24	3
16FE5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	43	3
16FE5A0320	RT32033	DESIGN OF MACHINE MEMBERS II	21	37	3
16FE5A0320	RT32034	ROBOTICS	20	44	3
16FE5A0320	RT32035	HEAT TRANSFER	25	42	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	53	3
16FE5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	16	44	3
16FE5A0320	RT32038	HEAT TRANSFER LAB	20	40	2
16FE5A0321	RT32031	OPERATIONS RESEARCH	22	29	3
16FE5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
16FE5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	21	33	3
16FE5A0321	RT32034	ROBOTICS	21	36	3
16FE5A0321	RT32035	HEAT TRANSFER	26	35	3
16FE5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	53	3
16FE5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	18	38	3
16FE5A0321	RT32038	HEAT TRANSFER LAB	24	44	2
16FE5A0322	RT32031	OPERATIONS RESEARCH	26	33	3
16FE5A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	34	3
16FE5A0322	RT32033	DESIGN OF MACHINE MEMBERS II	25	47	3
16FE5A0322	RT32034	ROBOTICS	28	40	3
16FE5A0322	RT32035	HEAT TRANSFER	26	52	3
16FE5A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	52	3
16FE5A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	20	31	3
16FE5A0322	RT32038	HEAT TRANSFER LAB	22	43	2
16FE5A0323	RT32031	OPERATIONS RESEARCH	18	50	3
16FE5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	40	3
16FE5A0323	RT32033	DESIGN OF MACHINE MEMBERS II	19	31	3
16FE5A0323	RT32034	ROBOTICS	20	56	3
16FE5A0323	RT32035	HEAT TRANSFER	23	14	0
16FE5A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	32	3
16FE5A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	16	31	3
16FE5A0323	RT32038	HEAT TRANSFER LAB	18	35	2
16FE5A0324	RT32031	OPERATIONS RESEARCH	26	45	3
16FE5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	31	3
16FE5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	20	29	3
16FE5A0324	RT32034	ROBOTICS	18	39	3
16FE5A0324	RT32035	HEAT TRANSFER	24	33	3
16FE5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
16FE5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	16	35	3
16FE5A0324	RT32038	HEAT TRANSFER LAB	21	42	2
16FE5A0325	RT32031	OPERATIONS RESEARCH	19	30	3
16FE5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	11	0
16FE5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	17	37	3
16FE5A0325	RT32034	ROBOTICS	17	47	3
16FE5A0325	RT32035	HEAT TRANSFER	19	31	3
16FE5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	38	3
16FE5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	16	38	3
16FE5A0325	RT32038	HEAT TRANSFER LAB	20	40	2
16FE5A0326	RT32031	OPERATIONS RESEARCH	23	34	3
16FE5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	34	3
16FE5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	17	32	3
16FE5A0326	RT32034	ROBOTICS	22	24	3
16FE5A0326	RT32035	HEAT TRANSFER	24	35	3
16FE5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	39	3
16FE5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	19	33	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0326	RT32038	HEAT TRANSFER LAB	18	37	2
16FE5A0327	RT32031	OPERATIONS RESEARCH	21	42	3
16FE5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	51	3
16FE5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	17	37	3
16FE5A0327	RT32034	ROBOTICS	22	46	3
16FE5A0327	RT32035	HEAT TRANSFER	22	12	0
16FE5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	42	3
16FE5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	18	39	3
16FE5A0327	RT32038	HEAT TRANSFER LAB	21	40	2
16FE5A0328	RT32031	OPERATIONS RESEARCH	23	45	3
16FE5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	30	3
16FE5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	28	39	3
16FE5A0328	RT32034	ROBOTICS	24	56	3
16FE5A0328	RT32035	HEAT TRANSFER	29	47	3
16FE5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	44	3
16FE5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	22	37	3
16FE5A0328	RT32038	HEAT TRANSFER LAB	21	41	2
16FE5A0329	RT32031	OPERATIONS RESEARCH	21	41	3
16FE5A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
16FE5A0329	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
16FE5A0329	RT32034	ROBOTICS	17	53	3
16FE5A0329	RT32035	HEAT TRANSFER	16	33	3
16FE5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	46	3
16FE5A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
16FE5A0329	RT32038	HEAT TRANSFER LAB	21	44	2
16FE5A0330	RT32031	OPERATIONS RESEARCH	20	42	3
16FE5A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
16FE5A0330	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
16FE5A0330	RT32034	ROBOTICS	25	34	3
16FE5A0330	RT32035	HEAT TRANSFER	25	40	3
16FE5A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
16FE5A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	20	34	3
16FE5A0330	RT32038	HEAT TRANSFER LAB	21	42	2
16FE5A0332	RT32031	OPERATIONS RESEARCH	24	62	3
16FE5A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	49	3
16FE5A0332	RT32033	DESIGN OF MACHINE MEMBERS II	25	57	3
16FE5A0332	RT32034	ROBOTICS	26	60	3
16FE5A0332	RT32035	HEAT TRANSFER	29	47	3
16FE5A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	60	3
16FE5A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	23	65	3
16FE5A0332	RT32038	HEAT TRANSFER LAB	22	43	2
16FE5A0333	RT32031	OPERATIONS RESEARCH	17	27	3
16FE5A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	34	3
16FE5A0333	RT32033	DESIGN OF MACHINE MEMBERS II	21	24	3
16FE5A0333	RT32034	ROBOTICS	19	49	3
16FE5A0333	RT32035	HEAT TRANSFER	19	29	3
16FE5A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	36	3
16FE5A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	15	27	3
16FE5A0333	RT32038	HEAT TRANSFER LAB	22	42	2
16FE5A0334	RT32031	OPERATIONS RESEARCH	25	24	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	14	0
16FE5A0334	RT32033	DESIGN OF MACHINE MEMBERS II	22	31	3
16FE5A0334	RT32034	ROBOTICS	21	50	3
16FE5A0334	RT32035	HEAT TRANSFER	24	32	3
16FE5A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
16FE5A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	19	41	3
16FE5A0334	RT32038	HEAT TRANSFER LAB	19	39	2
16FE5A0335	RT32031	OPERATIONS RESEARCH	19	26	3
16FE5A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	26	3
16FE5A0335	RT32033	DESIGN OF MACHINE MEMBERS II	18	15	0
16FE5A0335	RT32034	ROBOTICS	19	24	3
16FE5A0335	RT32035	HEAT TRANSFER	21	34	3
16FE5A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	36	3
16FE5A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
16FE5A0335	RT32038	HEAT TRANSFER LAB	21	42	2
16FE5A0336	RT32031	OPERATIONS RESEARCH	24	49	3
16FE5A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	26	3
16FE5A0336	RT32033	DESIGN OF MACHINE MEMBERS II	17	41	3
16FE5A0336	RT32034	ROBOTICS	20	37	3
16FE5A0336	RT32035	HEAT TRANSFER	26	24	3
16FE5A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	40	3
16FE5A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	17	39	3
16FE5A0336	RT32038	HEAT TRANSFER LAB	20	43	2
16FE5A0337	RT32031	OPERATIONS RESEARCH	24	41	3
16FE5A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	35	3
16FE5A0337	RT32033	DESIGN OF MACHINE MEMBERS II	21	36	3
16FE5A0337	RT32034	ROBOTICS	22	30	3
16FE5A0337	RT32035	HEAT TRANSFER	28	37	3
16FE5A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	37	3
16FE5A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	22	41	3
16FE5A0337	RT32038	HEAT TRANSFER LAB	20	41	2
16FE5A0338	RT32031	OPERATIONS RESEARCH	26	48	3
16FE5A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
16FE5A0338	RT32033	DESIGN OF MACHINE MEMBERS II	23	49	3
16FE5A0338	RT32034	ROBOTICS	22	57	3
16FE5A0338	RT32035	HEAT TRANSFER	27	41	3
16FE5A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	58	3
16FE5A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	25	52	3
16FE5A0338	RT32038	HEAT TRANSFER LAB	21	42	2
16FE5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	38	3
16FE5A0401	RT32042	DIGITAL SIGNAL PROCESSING	20	34	3
16FE5A0401	RT32043	DIGITAL COMMUNICATIONS	16	45	3
16FE5A0401	RT32044	MICROWAVE ENGINEERING	19	44	3
16FE5A0401	RT32045A	BIO MEDICAL ENGINEERING	22	39	3
16FE5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
16FE5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
16FE5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	28	2
16FE5A0401	RT32049	SEMINAR	45	0	1
16FE5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
16FE5A0402	RT32042	DIGITAL SIGNAL PROCESSING	27	63	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0402	RT32043	DIGITAL COMMUNICATIONS	26	46	3
16FE5A0402	RT32044	MICROWAVE ENGINEERING	25	54	3
16FE5A0402	RT32045A	BIO MEDICAL ENGINEERING	23	53	3
16FE5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16FE5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
16FE5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
16FE5A0402	RT32049	SEMINAR	49	0	1
16FE5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	47	3
16FE5A0403	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
16FE5A0403	RT32043	DIGITAL COMMUNICATIONS	22	35	3
16FE5A0403	RT32044	MICROWAVE ENGINEERING	21	25	3
16FE5A0403	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
16FE5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
16FE5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16FE5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16FE5A0403	RT32049	SEMINAR	49	0	1
16FE5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	27	3
16FE5A0404	RT32042	DIGITAL SIGNAL PROCESSING	24	44	3
16FE5A0404	RT32043	DIGITAL COMMUNICATIONS	20	44	3
16FE5A0404	RT32044	MICROWAVE ENGINEERING	21	29	3
16FE5A0404	RT32045A	BIO MEDICAL ENGINEERING	20	28	3
16FE5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16FE5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16FE5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
16FE5A0404	RT32049	SEMINAR	50	0	1
16FE5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	31	3
16FE5A0407	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
16FE5A0407	RT32043	DIGITAL COMMUNICATIONS	16	45	3
16FE5A0407	RT32044	MICROWAVE ENGINEERING	11	36	3
16FE5A0407	RT32045A	BIO MEDICAL ENGINEERING	16	27	3
16FE5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	33	2
16FE5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
16FE5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	41	2
16FE5A0407	RT32049	SEMINAR	41	0	1
16FE5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	40	3
16FE5A0408	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
16FE5A0408	RT32043	DIGITAL COMMUNICATIONS	17	29	3
16FE5A0408	RT32044	MICROWAVE ENGINEERING	20	29	3
16FE5A0408	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
16FE5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
16FE5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
16FE5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	29	2
16FE5A0408	RT32049	SEMINAR	46	0	1
16FE5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	47	3
16FE5A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	30	3
16FE5A0409	RT32043	DIGITAL COMMUNICATIONS	16	31	3
16FE5A0409	RT32044	MICROWAVE ENGINEERING	21	25	3
16FE5A0409	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
16FE5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
16FE5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
16FE5A0409	RT32049	SEMINAR	47	0	1
16FE5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	30	3
16FE5A0410	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
16FE5A0410	RT32043	DIGITAL COMMUNICATIONS	17	30	3
16FE5A0410	RT32044	MICROWAVE ENGINEERING	19	29	3
16FE5A0410	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
16FE5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
16FE5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	18	45	2
16FE5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
16FE5A0410	RT32049	SEMINAR	46	0	1
16FE5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	32	3
16FE5A0411	RT32042	DIGITAL SIGNAL PROCESSING	14	20	0
16FE5A0411	RT32043	DIGITAL COMMUNICATIONS	16	33	3
16FE5A0411	RT32044	MICROWAVE ENGINEERING	19	13	0
16FE5A0411	RT32045A	BIO MEDICAL ENGINEERING	20	32	3
16FE5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
16FE5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	17	44	2
16FE5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
16FE5A0411	RT32049	SEMINAR	47	0	1
16FE5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
16FE5A0412	RT32042	DIGITAL SIGNAL PROCESSING	23	48	3
16FE5A0412	RT32043	DIGITAL COMMUNICATIONS	17	33	3
16FE5A0412	RT32044	MICROWAVE ENGINEERING	21	52	3
16FE5A0412	RT32045A	BIO MEDICAL ENGINEERING	19	36	3
16FE5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
16FE5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
16FE5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16FE5A0412	RT32049	SEMINAR	45	0	1
16FE5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	49	3
16FE5A0413	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
16FE5A0413	RT32043	DIGITAL COMMUNICATIONS	22	41	3
16FE5A0413	RT32044	MICROWAVE ENGINEERING	24	32	3
16FE5A0413	RT32045A	BIO MEDICAL ENGINEERING	22	39	3
16FE5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
16FE5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
16FE5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
16FE5A0413	RT32049	SEMINAR	47	0	1
16FE5A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
16FE5A0414	RT32042	DIGITAL SIGNAL PROCESSING	23	46	3
16FE5A0414	RT32043	DIGITAL COMMUNICATIONS	20	32	3
16FE5A0414	RT32044	MICROWAVE ENGINEERING	24	47	3
16FE5A0414	RT32045A	BIO MEDICAL ENGINEERING	25	40	3
16FE5A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
16FE5A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16FE5A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
16FE5A0414	RT32049	SEMINAR	49	0	1
16FE5A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
16FE5A0415	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
16FE5A0415	RT32043	DIGITAL COMMUNICATIONS	15	40	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0415	RT32044	MICROWAVE ENGINEERING	21	45	3
16FE5A0415	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
16FE5A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16FE5A0415	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
16FE5A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
16FE5A0415	RT32049	SEMINAR	48	0	1
16FE5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	11	0
16FE5A0416	RT32042	DIGITAL SIGNAL PROCESSING	19	27	3
16FE5A0416	RT32043	DIGITAL COMMUNICATIONS	10	16	0
16FE5A0416	RT32044	MICROWAVE ENGINEERING	18	24	3
16FE5A0416	RT32045A	BIO MEDICAL ENGINEERING	19	20	0
16FE5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	36	2
16FE5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	14	31	2
16FE5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	29	2
16FE5A0416	RT32049	SEMINAR	47	0	1
16FE5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	43	3
16FE5A0418	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
16FE5A0418	RT32043	DIGITAL COMMUNICATIONS	12	28	3
16FE5A0418	RT32044	MICROWAVE ENGINEERING	14	26	3
16FE5A0418	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
16FE5A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	38	2
16FE5A0418	RT32047	DIGITAL COMMUNICATIONS LAB	14	41	2
16FE5A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
16FE5A0418	RT32049	SEMINAR	49	0	1
16FE5A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	14	0
16FE5A0419	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
16FE5A0419	RT32043	DIGITAL COMMUNICATIONS	17	24	3
16FE5A0419	RT32044	MICROWAVE ENGINEERING	14	19	0
16FE5A0419	RT32045A	BIO MEDICAL ENGINEERING	22	30	3
16FE5A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
16FE5A0419	RT32047	DIGITAL COMMUNICATIONS LAB	14	46	2
16FE5A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	44	2
16FE5A0419	RT32049	SEMINAR	47	0	1
16FE5A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
16FE5A0420	RT32042	DIGITAL SIGNAL PROCESSING	21	37	3
16FE5A0420	RT32043	DIGITAL COMMUNICATIONS	17	40	3
16FE5A0420	RT32044	MICROWAVE ENGINEERING	18	35	3
16FE5A0420	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
16FE5A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
16FE5A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
16FE5A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16FE5A0420	RT32049	SEMINAR	48	0	1
16FE5A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	15	0
16FE5A0421	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
16FE5A0421	RT32043	DIGITAL COMMUNICATIONS	17	25	3
16FE5A0421	RT32044	MICROWAVE ENGINEERING	19	39	3
16FE5A0421	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
16FE5A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
16FE5A0421	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
16FE5A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2



Htno	Subcode	Subname	Internal	External	Credits
16FE5A0421	RT32049	SEMINAR	45	0	1
16FE5A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	47	3
16FE5A0422	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
16FE5A0422	RT32043	DIGITAL COMMUNICATIONS	16	39	3
16FE5A0422	RT32044	MICROWAVE ENGINEERING	22	29	3
16FE5A0422	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
16FE5A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
16FE5A0422	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
16FE5A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	28	2
16FE5A0422	RT32049	SEMINAR	45	0	1
16FE5A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	62	3
16FE5A0423	RT32042	DIGITAL SIGNAL PROCESSING	29	50	3
16FE5A0423	RT32043	DIGITAL COMMUNICATIONS	29	51	3
16FE5A0423	RT32044	MICROWAVE ENGINEERING	30	43	3
16FE5A0423	RT32045A	BIO MEDICAL ENGINEERING	27	64	3
16FE5A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16FE5A0423	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
16FE5A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
16FE5A0423	RT32049	SEMINAR	50	0	1
16FE5A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
16FE5A0424	RT32042	DIGITAL SIGNAL PROCESSING	25	36	3
16FE5A0424	RT32043	DIGITAL COMMUNICATIONS	18	30	3
16FE5A0424	RT32044	MICROWAVE ENGINEERING	25	32	3
16FE5A0424	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
16FE5A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
16FE5A0424	RT32047	DIGITAL COMMUNICATIONS LAB	23	41	2
16FE5A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
16FE5A0424	RT32049	SEMINAR	48	0	1
16FE5A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
16FE5A0425	RT32042	DIGITAL SIGNAL PROCESSING	26	67	3
16FE5A0425	RT32043	DIGITAL COMMUNICATIONS	24	48	3
16FE5A0425	RT32044	MICROWAVE ENGINEERING	26	46	3
16FE5A0425	RT32045A	BIO MEDICAL ENGINEERING	19	53	3
16FE5A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
16FE5A0425	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16FE5A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16FE5A0425	RT32049	SEMINAR	49	0	1
16FE5A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	49	3
16FE5A0426	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
16FE5A0426	RT32043	DIGITAL COMMUNICATIONS	16	17	0
16FE5A0426	RT32044	MICROWAVE ENGINEERING	20	6	0
16FE5A0426	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
16FE5A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	34	2
16FE5A0426	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
16FE5A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	29	2
16FE5A0426	RT32049	SEMINAR	48	0	1
16FE5A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
16FE5A0427	RT32042	DIGITAL SIGNAL PROCESSING	23	33	3
16FE5A0427	RT32043	DIGITAL COMMUNICATIONS	17	39	3
16FE5A0427	RT32044	MICROWAVE ENGINEERING	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0427	RT32045A	BIO MEDICAL ENGINEERING	24	56	3
16FE5A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
16FE5A0427	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16FE5A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
16FE5A0427	RT32049	SEMINAR	48	0	1
16FE5A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
16FE5A0428	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
16FE5A0428	RT32043	DIGITAL COMMUNICATIONS	11	0	0
16FE5A0428	RT32044	MICROWAVE ENGINEERING	20	2	0
16FE5A0428	RT32045A	BIO MEDICAL ENGINEERING	21	10	0
16FE5A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	34	2
16FE5A0428	RT32047	DIGITAL COMMUNICATIONS LAB	14	40	2
16FE5A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	30	2
16FE5A0428	RT32049	SEMINAR	46	0	1
16FE5A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
16FE5A0429	RT32042	DIGITAL SIGNAL PROCESSING	24	44	3
16FE5A0429	RT32043	DIGITAL COMMUNICATIONS	21	40	3
16FE5A0429	RT32044	MICROWAVE ENGINEERING	21	43	3
16FE5A0429	RT32045A	BIO MEDICAL ENGINEERING	25	40	3
16FE5A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
16FE5A0429	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
16FE5A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
16FE5A0429	RT32049	SEMINAR	48	0	1
16FE5A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	56	3
16FE5A0430	RT32042	DIGITAL SIGNAL PROCESSING	30	59	3
16FE5A0430	RT32043	DIGITAL COMMUNICATIONS	27	58	3
16FE5A0430	RT32044	MICROWAVE ENGINEERING	30	59	3
16FE5A0430	RT32045A	BIO MEDICAL ENGINEERING	28	70	3
16FE5A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16FE5A0430	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
16FE5A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
16FE5A0430	RT32049	SEMINAR	50	0	1
16FE5A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	30	3
16FE5A0431	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
16FE5A0431	RT32043	DIGITAL COMMUNICATIONS	23	38	3
16FE5A0431	RT32044	MICROWAVE ENGINEERING	23	24	3
16FE5A0431	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
16FE5A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
16FE5A0431	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16FE5A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
16FE5A0431	RT32049	SEMINAR	47	0	1
16FE5A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	39	3
16FE5A0433	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
16FE5A0433	RT32043	DIGITAL COMMUNICATIONS	17	5	0
16FE5A0433	RT32044	MICROWAVE ENGINEERING	23	47	3
16FE5A0433	RT32045A	BIO MEDICAL ENGINEERING	21	36	3
16FE5A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	32	2
16FE5A0433	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
16FE5A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	28	2
16FE5A0433	RT32049	SEMINAR	45	0	1

Htno	Subcode	Subname	Internal	External	Credits
16FE5A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	14	0
16FE5A0434	RT32042	DIGITAL SIGNAL PROCESSING	20	33	3
16FE5A0434	RT32043	DIGITAL COMMUNICATIONS	17	24	3
16FE5A0434	RT32044	MICROWAVE ENGINEERING	17	24	3
16FE5A0434	RT32045A	BIO MEDICAL ENGINEERING	22	25	3
16FE5A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
16FE5A0434	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
16FE5A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	39	2
16FE5A0434	RT32049	SEMINAR	45	0	1
16FE5A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	39	3
16FE5A0435	RT32042	DIGITAL SIGNAL PROCESSING	22	18	0
16FE5A0435	RT32043	DIGITAL COMMUNICATIONS	16	29	3
16FE5A0435	RT32044	MICROWAVE ENGINEERING	17	11	0
16FE5A0435	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
16FE5A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	35	2
16FE5A0435	RT32047	DIGITAL COMMUNICATIONS LAB	18	32	2
16FE5A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
16FE5A0435	RT32049	SEMINAR	45	0	1
16FE5A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	36	3
16FE5A0436	RT32042	DIGITAL SIGNAL PROCESSING	26	44	3
16FE5A0436	RT32043	DIGITAL COMMUNICATIONS	24	36	3
16FE5A0436	RT32044	MICROWAVE ENGINEERING	26	40	3
16FE5A0436	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
16FE5A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16FE5A0436	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
16FE5A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
16FE5A0436	RT32049	SEMINAR	48	0	1
16FE5A0501	RT32051	SOFTWARE ENGINEERING	17	24	3
16FE5A0501	RT32052	DATA WARE HOUSING AND MINING	10	30	3
16FE5A0501	RT32053	COMPUTER NETWORKS	18	26	3
16FE5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	43	3
16FE5A0501	RT32055	WEB TECHNOLOGIES	21	27	3
16FE5A0501	RT32056	IPR AND PATENTS	19	0	0
16FE5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
16FE5A0501	RT32058	SOFTWARE ENGINEERING LAB	19	38	2
16FE5A0501	RT32059	WEB TECHNOLOGIES LAB	20	45	2
16FE5A0502	RT32051	SOFTWARE ENGINEERING	23	38	3
16FE5A0502	RT32052	DATA WARE HOUSING AND MINING	18	35	3
16FE5A0502	RT32053	COMPUTER NETWORKS	22	54	3
16FE5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	42	3
16FE5A0502	RT32055	WEB TECHNOLOGIES	22	29	3
16FE5A0502	RT32056	IPR AND PATENTS	21	34	2
16FE5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
16FE5A0502	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
16FE5A0502	RT32059	WEB TECHNOLOGIES LAB	22	48	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