



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VASAVI,TADEPALLIGUDEM:A8

Htno	Subcode	Subname	Internal	External	Credits
11A81A0251	R32025	POWER SEMICONDUCTOR DRIVES	14	36	4
11A81A0251	R32026	MANAGEMENT SCIENCE	0	-1	0
11A81A0254	R32021	ELECTRICAL MACHINE DESIGN	8	7	0
11A81A0254	R32022	POWER SYSTEM ANALYSIS	10	9	0
11A81A0254	R32024	MICROPROCESSORS AND MICROCONTROLLER	10	0	0
11A81A0299	R32021	ELECTRICAL MACHINE DESIGN	15	-1	0
11A81A0352	R32034	INSTRUMENTATION & CONTROL SYSTEMS	8	-1	0
11A81A05A2	R32052	COMPUTER ARCHITECTURE	8	-1	0
11A81A1240	R32051	ADVANCED COMPUTER NETWORKS	16	5	0
11A81A1240	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	11	0	0
11A81A1240	R32122	ADVANCED JAVA PROGRAMMING	13	0	0
11A81A1240	R32125	OBJECT ORIENTED ANALYSIS AND DESIGN	8	0	0
12A81A0137	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	14	24	0
12A81A0316	R32033	HEAT TRANSFER	9	15	0
12A81A0316	R32034	INSTRUMENTATION & CONTROL SYSTEMS	7	-1	0
12A81A0328	R32033	HEAT TRANSFER	8	24	0
12A81A0331	R32035	DESIGN OF MACHINE MEMBERS_II	21	16	0
12A81A0335	R32033	HEAT TRANSFER	10	11	0
12A81A0336	R32033	HEAT TRANSFER	9	39	4
12A81A0336	R32034	INSTRUMENTATION & CONTROL SYSTEMS	18	28	4
12A81A04A5	R32043	DIGITAL SIGNAL PROCESSING	12	0	0
12A81A04A5	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	0	0
12A81A04A8	R32045	VLSI DESIGN	7	12	0
12A81A05B3	R32052	COMPUTER ARCHITECTURE	7	-1	0
12A81A1216	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	-1	0
12A85A0221	R32024	MICROPROCESSORS AND MICROCONTROLLER	8	0	0
12A85A0221	R32026	MANAGEMENT SCIENCE	7	28	0
12A85A0504	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	12	-1	0
13A81A0111	RT32012	GEOTECHNICAL ENGINEERING II	11	28	0
13A81A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	9	0
13A81A0113	RT32011	ENVIRONMENTAL ENGINEERING I	11	33	3
13A81A0126	RT32012	GEOTECHNICAL ENGINEERING II	12	33	3
13A81A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	11	16	0
13A81A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	10	0
13A81A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	-1	0
13A81A0244	RT32024	POWER SYSTEM ANALYSIS	12	-1	0
13A81A0245	RT32024	POWER SYSTEM ANALYSIS	14	16	0
13A81A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	0	0
13A81A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	14	0
13A81A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	7	0
13A81A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	6	0
13A81A0250	RT32026	POWER SEMICONDUCTOR DRIVES	20	8	0
13A81A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	-1	0
13A81A0327	RT32033	DESIGN OF MACHINE MEMBERS II	21	12	0

Htno	Subcode	Subname	Internal	External	Credits
13A81A0327	RT32034	ROBOTICS	16	11	0
13A81A0327	RT32035	HEAT TRANSFER	18	12	0
13A81A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	17	12	0
13A81A0334	RT32035	HEAT TRANSFER	19	23	0
13A81A0336	RT32031	OPERATIONS RESEARCH	2	-1	0
13A81A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	5	-1	0
13A81A0341	RT32033	DESIGN OF MACHINE MEMBERS II	19	6	0
13A81A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	7	0
13A81A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
13A81A0366	RT32034	ROBOTICS	12	41	3
13A81A0366	RT32035	HEAT TRANSFER	26	34	3
13A81A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	9	6	0
13A81A0383	RT32035	HEAT TRANSFER	9	21	0
13A81A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	27	3
13A81A03A1	RT32031	OPERATIONS RESEARCH	13	-1	0
13A81A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
13A81A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	0	0
13A81A0425	RT32042	DIGITAL SIGNAL PROCESSING	13	17	0
13A81A0425	RT32043	DIGITAL COMMUNICATIONS	17	0	0
13A81A0425	RT32044	MICROWAVE ENGINEERING	6	0	0
13A81A0425	RT32045A	BIO MEDICAL ENGINEERING	9	10	0
13A81A0430	RT32043	DIGITAL COMMUNICATIONS	16	18	0
13A81A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	-1	0
13A81A0495	RT32042	DIGITAL SIGNAL PROCESSING	12	13	0
13A81A0495	RT32044	MICROWAVE ENGINEERING	12	20	0
13A81A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	35	3
13A81A04B4	RT32044	MICROWAVE ENGINEERING	22	29	3
13A81A0510	RT32055	WEB TECHNOLOGIES	11	30	3
13A81A0520	RT32055	WEB TECHNOLOGIES	8	3	0
13A81A0533	RT32055	WEB TECHNOLOGIES	15	6	0
13A81A0541	RT32052	DATA WARE HOUSING AND MINING	8	5	0
13A81A05A4	RT32055	WEB TECHNOLOGIES	20	-1	0
13A81A05E8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	4	0
13A81A05H0	RT32053	COMPUTER NETWORKS	14	26	3
13A81A05H0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	30	3
13A85A0101	R32011	GEOTECHNICAL ENGINEERING - I	8	8	0
13A85A0101	R32015	DESIGN & DRAWING OF CONCRETE STRUCTURES -II	5	26	0
13A85A0112	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	19	-1	0
14A81A0107	RT32012	GEOTECHNICAL ENGINEERING II	9	31	3
14A81A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	8	14	0
14A81A0107	RT32018	TRANSPORTATION ENGINEERING LAB	15	21	2
14A81A0111	RT32011	ENVIRONMENTAL ENGINEERING I	6	0	0
14A81A0111	RT32012	GEOTECHNICAL ENGINEERING II	10	16	0
14A81A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	9	-1	0
14A81A0111	RT32014	WATER RESOURCES ENGINEERING I	14	-1	0
14A81A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	6	26	0
14A81A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	5	38	2
14A81A0111	RT32018	TRANSPORTATION ENGINEERING LAB	12	10	0
14A81A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	3	0
14A81A0114	RT32012	GEOTECHNICAL ENGINEERING II	11	6	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	6	2	0
14A81A0114	RT32015	TRANSPORTATION ENGINEERING II	18	20	0
14A81A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	11	15	0
14A81A0118	RT32012	GEOTECHNICAL ENGINEERING II	7	33	3
14A81A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	6	37	3
14A81A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	6	37	2
14A81A0118	RT32018	TRANSPORTATION ENGINEERING LAB	10	16	0
14A81A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	6	32	0
14A81A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	3	46	2
14A81A0129	RT32018	TRANSPORTATION ENGINEERING LAB	8	24	2
14A81A0130	RT32011	ENVIRONMENTAL ENGINEERING I	5	19	0
14A81A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	3	20	0
14A81A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	7	35	2
14A81A0132	RT32012	GEOTECHNICAL ENGINEERING II	8	36	3
14A81A0142	RT32012	GEOTECHNICAL ENGINEERING II	12	24	0
14A81A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	9	7	0
14A81A0145	RT32011	ENVIRONMENTAL ENGINEERING I	14	43	3
14A81A0145	RT32012	GEOTECHNICAL ENGINEERING II	10	16	0
14A81A0148	RT32012	GEOTECHNICAL ENGINEERING II	12	39	3
14A81A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	7	20	0
14A81A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	11	25	0
14A81A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	36	3
14A81A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	7	36	2
14A81A0153	RT32018	TRANSPORTATION ENGINEERING LAB	9	19	0
14A81A0202	RT32022	SWITCHGEAR AND PROTECTION	14	24	0
14A81A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	15	0
14A81A0205	RT32024	POWER SYSTEM ANALYSIS	23	16	0
14A81A0205	RT32026	POWER SEMICONDUCTOR DRIVES	13	27	3
14A81A0207	RT32022	SWITCHGEAR AND PROTECTION	11	47	3
14A81A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	22	0
14A81A0212	RT32024	POWER SYSTEM ANALYSIS	27	24	3
14A81A0221	RT32022	SWITCHGEAR AND PROTECTION	17	24	3
14A81A0226	RT32022	SWITCHGEAR AND PROTECTION	6	26	0
14A81A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	11	0
14A81A0230	RT32022	SWITCHGEAR AND PROTECTION	13	11	0
14A81A0230	RT32024	POWER SYSTEM ANALYSIS	28	6	0
14A81A0230	RT32026	POWER SEMICONDUCTOR DRIVES	13	8	0
14A81A0233	RT32027	POWER ELECTRONICS LAB	14	47	2
14A81A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	14	0
14A81A0236	RT32026	POWER SEMICONDUCTOR DRIVES	19	27	3
14A81A0240	RT32024	POWER SYSTEM ANALYSIS	29	36	3
14A81A0242	RT32022	SWITCHGEAR AND PROTECTION	15	37	3
14A81A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	0	0
14A81A0301	RT32035	HEAT TRANSFER	20	17	0
14A81A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14A81A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3
14A81A0306	RT32035	HEAT TRANSFER	9	6	0
14A81A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	16	6	0
14A81A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	22	14	0
14A81A0309	RT32035	HEAT TRANSFER	18	13	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0311	RT32035	HEAT TRANSFER	20	12	0
14A81A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	14	25	0
14A81A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
14A81A0314	RT32035	HEAT TRANSFER	18	29	3
14A81A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	16	14	0
14A81A0316	RT32031	OPERATIONS RESEARCH	10	14	0
14A81A0316	RT32035	HEAT TRANSFER	14	0	0
14A81A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	19	8	0
14A81A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	22	32	3
14A81A0319	RT32035	HEAT TRANSFER	23	14	0
14A81A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
14A81A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
14A81A0324	RT32031	OPERATIONS RESEARCH	15	12	0
14A81A0325	RT32034	ROBOTICS	19	0	0
14A81A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	27	3
14A81A0334	RT32031	OPERATIONS RESEARCH	22	34	3
14A81A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	36	3
14A81A0334	RT32033	DESIGN OF MACHINE MEMBERS II	27	50	3
14A81A0334	RT32034	ROBOTICS	21	56	3
14A81A0334	RT32035	HEAT TRANSFER	16	32	3
14A81A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	48	3
14A81A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
14A81A0334	RT32038	HEAT TRANSFER LAB	24	45	2
14A81A0338	RT32031	OPERATIONS RESEARCH	9	4	0
14A81A0338	RT32035	HEAT TRANSFER	20	6	0
14A81A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
14A81A0354	RT32035	HEAT TRANSFER	26	19	0
14A81A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	15	27	3
14A81A0357	RT32031	OPERATIONS RESEARCH	14	22	0
14A81A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	31	3
14A81A0357	RT32033	DESIGN OF MACHINE MEMBERS II	9	13	0
14A81A0357	RT32034	ROBOTICS	19	44	3
14A81A0357	RT32035	HEAT TRANSFER	17	14	0
14A81A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	31	3
14A81A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
14A81A0357	RT32038	HEAT TRANSFER LAB	12	2	0
14A81A0366	RT32031	OPERATIONS RESEARCH	14	3	0
14A81A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	0	8	0
14A81A0366	RT32033	DESIGN OF MACHINE MEMBERS II	8	1	0
14A81A0366	RT32034	ROBOTICS	19	19	0
14A81A0366	RT32035	HEAT TRANSFER	14	9	0
14A81A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	12	0
14A81A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	14	0	0
14A81A0366	RT32038	HEAT TRANSFER LAB	12	4	0
14A81A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	5	0
14A81A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	11	0	0
14A81A0369	RT32031	OPERATIONS RESEARCH	13	-1	0
14A81A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	0	0
14A81A0369	RT32033	DESIGN OF MACHINE MEMBERS II	5	-1	0
14A81A0369	RT32034	ROBOTICS	20	-1	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0369	RT32035	HEAT TRANSFER	13	-1	0
14A81A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	0	0
14A81A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	5	-1	0
14A81A0369	RT32038	HEAT TRANSFER LAB	12	4	0
14A81A0370	RT32031	OPERATIONS RESEARCH	10	3	0
14A81A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	27	3
14A81A0370	RT32033	DESIGN OF MACHINE MEMBERS II	17	11	0
14A81A0370	RT32034	ROBOTICS	14	9	0
14A81A0370	RT32035	HEAT TRANSFER	11	6	0
14A81A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	3	0
14A81A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	9	0	0
14A81A0370	RT32038	HEAT TRANSFER LAB	16	18	2
14A81A0375	RT32035	HEAT TRANSFER	20	18	0
14A81A0377	RT32035	HEAT TRANSFER	28	13	0
14A81A0382	RT32035	HEAT TRANSFER	28	36	3
14A81A0386	RT32031	OPERATIONS RESEARCH	13	12	0
14A81A0386	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	12	0
14A81A0386	RT32033	DESIGN OF MACHINE MEMBERS II	15	0	0
14A81A0386	RT32034	ROBOTICS	19	24	3
14A81A0386	RT32035	HEAT TRANSFER	16	7	0
14A81A0386	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	27	3
14A81A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	16	3	0
14A81A0386	RT32038	HEAT TRANSFER LAB	16	29	2
14A81A0387	RT32031	OPERATIONS RESEARCH	15	21	0
14A81A0387	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	5	0
14A81A0387	RT32033	DESIGN OF MACHINE MEMBERS II	9	-1	0
14A81A0387	RT32034	ROBOTICS	20	21	0
14A81A0387	RT32035	HEAT TRANSFER	19	0	0
14A81A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
14A81A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	17	3	0
14A81A0387	RT32038	HEAT TRANSFER LAB	12	5	0
14A81A0388	RT32035	HEAT TRANSFER	21	29	3
14A81A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	16	0
14A81A0391	RT32035	HEAT TRANSFER	11	26	0
14A81A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	5	6	0
14A81A0393	RT32034	ROBOTICS	15	20	0
14A81A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	2	0
14A81A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	13	16	0
14A81A0396	RT32031	OPERATIONS RESEARCH	16	24	3
14A81A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	36	3
14A81A0396	RT32033	DESIGN OF MACHINE MEMBERS II	14	31	3
14A81A0396	RT32034	ROBOTICS	20	44	3
14A81A0396	RT32035	HEAT TRANSFER	19	39	3
14A81A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	6	0
14A81A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	15	7	0
14A81A0396	RT32038	HEAT TRANSFER LAB	16	32	2
14A81A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	6	0
14A81A0403	RT32042	DIGITAL SIGNAL PROCESSING	10	7	0
14A81A0403	RT32044	MICROWAVE ENGINEERING	14	20	0
14A81A0403	RT32045A	BIO MEDICAL ENGINEERING	14	20	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0404	RT32042	DIGITAL SIGNAL PROCESSING	18	32	3
14A81A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	-1	0
14A81A0407	RT32042	DIGITAL SIGNAL PROCESSING	5	-1	0
14A81A0407	RT32043	DIGITAL COMMUNICATIONS	19	-1	0
14A81A0407	RT32044	MICROWAVE ENGINEERING	5	-1	0
14A81A0407	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
14A81A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	-1	0
14A81A0407	RT32047	DIGITAL COMMUNICATIONS LAB	10	-1	0
14A81A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	-1	0
14A81A0407	RT32049	SEMINAR	46	0	1
14A81A0410	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
14A81A0411	RT32042	DIGITAL SIGNAL PROCESSING	13	10	0
14A81A0419	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
14A81A0426	RT32045A	BIO MEDICAL ENGINEERING	15	26	3
14A81A0429	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
14A81A0442	RT32042	DIGITAL SIGNAL PROCESSING	6	-1	0
14A81A0442	RT32043	DIGITAL COMMUNICATIONS	10	-1	0
14A81A0442	RT32044	MICROWAVE ENGINEERING	14	-1	0
14A81A0442	RT32045A	BIO MEDICAL ENGINEERING	5	-1	0
14A81A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
14A81A0443	RT32043	DIGITAL COMMUNICATIONS	12	4	0
14A81A0443	RT32045A	BIO MEDICAL ENGINEERING	6	45	3
14A81A0445	RT32042	DIGITAL SIGNAL PROCESSING	12	16	0
14A81A0445	RT32044	MICROWAVE ENGINEERING	14	8	0
14A81A0446	RT32042	DIGITAL SIGNAL PROCESSING	12	-1	0
14A81A0446	RT32044	MICROWAVE ENGINEERING	14	6	0
14A81A0446	RT32045A	BIO MEDICAL ENGINEERING	4	15	0
14A81A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	39	3
14A81A0471	RT32042	DIGITAL SIGNAL PROCESSING	14	28	3
14A81A0475	RT32042	DIGITAL SIGNAL PROCESSING	13	25	0
14A81A0475	RT32043	DIGITAL COMMUNICATIONS	10	-1	0
14A81A0475	RT32044	MICROWAVE ENGINEERING	14	10	0
14A81A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	1	0
14A81A0477	RT32043	DIGITAL COMMUNICATIONS	20	-1	0
14A81A0477	RT32045A	BIO MEDICAL ENGINEERING	15	17	0
14A81A0479	RT32042	DIGITAL SIGNAL PROCESSING	13	9	0
14A81A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	12	0
14A81A0481	RT32042	DIGITAL SIGNAL PROCESSING	12	7	0
14A81A0481	RT32045A	BIO MEDICAL ENGINEERING	15	30	3
14A81A0494	RT32042	DIGITAL SIGNAL PROCESSING	10	16	0
14A81A0494	RT32045A	BIO MEDICAL ENGINEERING	15	19	0
14A81A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	15	0
14A81A04B4	RT32042	DIGITAL SIGNAL PROCESSING	11	-1	0
14A81A04B4	RT32043	DIGITAL COMMUNICATIONS	20	23	0
14A81A04E5	RT32042	DIGITAL SIGNAL PROCESSING	18	-1	0
14A81A04F2	RT32043	DIGITAL COMMUNICATIONS	13	10	0
14A81A04F3	RT32042	DIGITAL SIGNAL PROCESSING	13	6	0
14A81A04F4	RT32045A	BIO MEDICAL ENGINEERING	14	15	0
14A81A04F9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	39	3
14A81A04F9	RT32042	DIGITAL SIGNAL PROCESSING	17	35	3

Htno	Subcode	Subname	Internal	External	Credits
14A81A04F9	RT32043	DIGITAL COMMUNICATIONS	15	8	0
14A81A04F9	RT32044	MICROWAVE ENGINEERING	17	25	3
14A81A04F9	RT32045A	BIO MEDICAL ENGINEERING	15	34	3
14A81A04F9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	32	2
14A81A04F9	RT32047	DIGITAL COMMUNICATIONS LAB	17	31	2
14A81A04F9	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	22	2
14A81A04F9	RT32049	SEMINAR	25	0	1
14A81A04G0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	11	0
14A81A04G0	RT32042	DIGITAL SIGNAL PROCESSING	11	-1	0
14A81A04G0	RT32045A	BIO MEDICAL ENGINEERING	13	30	3
14A81A04G2	RT32042	DIGITAL SIGNAL PROCESSING	14	9	0
14A81A04G2	RT32044	MICROWAVE ENGINEERING	18	26	3
14A81A0501	RT32051	SOFTWARE ENGINEERING	12	31	3
14A81A0501	RT32052	DATA WARE HOUSING AND MINING	10	16	0
14A81A0501	RT32053	COMPUTER NETWORKS	15	2	0
14A81A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	2	0
14A81A0501	RT32055	WEB TECHNOLOGIES	14	6	0
14A81A0501	RT32056	IPR AND PATENTS	17	54	2
14A81A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	33	2
14A81A0501	RT32058	SOFTWARE ENGINEERING LAB	10	-1	0
14A81A0501	RT32059	WEB TECHNOLOGIES LAB	17	25	2
14A81A0502	RT32053	COMPUTER NETWORKS	20	24	3
14A81A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	26	3
14A81A0502	RT32056	IPR AND PATENTS	20	28	2
14A81A0508	RT32052	DATA WARE HOUSING AND MINING	12	0	0
14A81A0509	RT32055	WEB TECHNOLOGIES	16	25	3
14A81A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
14A81A0523	RT32055	WEB TECHNOLOGIES	24	4	0
14A81A0527	RT32052	DATA WARE HOUSING AND MINING	8	0	0
14A81A0527	RT32055	WEB TECHNOLOGIES	17	26	3
14A81A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	11	0
14A81A0543	RT32051	SOFTWARE ENGINEERING	17	18	0
14A81A0543	RT32052	DATA WARE HOUSING AND MINING	13	27	3
14A81A0543	RT32053	COMPUTER NETWORKS	12	9	0
14A81A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	30	3
14A81A0543	RT32055	WEB TECHNOLOGIES	13	37	3
14A81A0543	RT32056	IPR AND PATENTS	14	40	2
14A81A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
14A81A0543	RT32058	SOFTWARE ENGINEERING LAB	23	-1	0
14A81A0543	RT32059	WEB TECHNOLOGIES LAB	18	35	2
14A81A0544	RT32055	WEB TECHNOLOGIES	18	24	3
14A81A0549	RT32051	SOFTWARE ENGINEERING	18	30	3
14A81A0549	RT32052	DATA WARE HOUSING AND MINING	16	35	3
14A81A0549	RT32053	COMPUTER NETWORKS	15	26	3
14A81A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	32	3
14A81A0549	RT32055	WEB TECHNOLOGIES	24	6	0
14A81A0549	RT32056	IPR AND PATENTS	23	44	2
14A81A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
14A81A0549	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14A81A0549	RT32059	WEB TECHNOLOGIES LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
14A81A0564	RT32051	SOFTWARE ENGINEERING	17	28	3
14A81A0564	RT32052	DATA WARE HOUSING AND MINING	16	11	0
14A81A0564	RT32053	COMPUTER NETWORKS	17	15	0
14A81A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	29	3
14A81A0564	RT32055	WEB TECHNOLOGIES	23	28	3
14A81A0564	RT32056	IPR AND PATENTS	16	52	2
14A81A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	29	2
14A81A0564	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
14A81A0564	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14A81A0574	RT32052	DATA WARE HOUSING AND MINING	16	0	0
14A81A0574	RT32053	COMPUTER NETWORKS	21	28	3
14A81A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	16	0
14A81A0574	RT32055	WEB TECHNOLOGIES	17	28	3
14A81A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	30	3
14A81A0581	RT32055	WEB TECHNOLOGIES	17	19	0
14A81A0587	RT32055	WEB TECHNOLOGIES	16	17	0
14A81A0599	RT32052	DATA WARE HOUSING AND MINING	21	7	0
14A81A0599	RT32055	WEB TECHNOLOGIES	23	11	0
14A81A05B9	RT32055	WEB TECHNOLOGIES	19	37	3
14A81A05C4	RT32052	DATA WARE HOUSING AND MINING	20	40	3
14A81A05D4	RT32051	SOFTWARE ENGINEERING	26	56	3
14A81A05D4	RT32052	DATA WARE HOUSING AND MINING	17	33	3
14A81A05D4	RT32053	COMPUTER NETWORKS	26	37	3
14A81A05D4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	32	3
14A81A05D4	RT32055	WEB TECHNOLOGIES	26	50	3
14A81A05D4	RT32056	IPR AND PATENTS	23	35	2
14A81A05D4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
14A81A05D4	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
14A81A05D4	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14A81A05D6	RT32051	SOFTWARE ENGINEERING	7	20	0
14A81A05D6	RT32052	DATA WARE HOUSING AND MINING	14	0	0
14A81A05D6	RT32053	COMPUTER NETWORKS	9	5	0
14A81A05D6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	6	0
14A81A05D6	RT32055	WEB TECHNOLOGIES	4	0	0
14A81A05D6	RT32056	IPR AND PATENTS	11	-1	0
14A81A05D6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	6	-1	0
14A81A05D6	RT32058	SOFTWARE ENGINEERING LAB	11	-1	0
14A81A05D6	RT32059	WEB TECHNOLOGIES LAB	17	-1	0
14A81A05F3	RT32052	DATA WARE HOUSING AND MINING	15	8	0
14A81A05F3	RT32055	WEB TECHNOLOGIES	24	12	0
14A81A05F7	RT32051	SOFTWARE ENGINEERING	12	36	3
14A81A05F7	RT32052	DATA WARE HOUSING AND MINING	17	43	3
14A81A05F7	RT32053	COMPUTER NETWORKS	15	13	0
14A81A05F7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	38	3
14A81A05F7	RT32055	WEB TECHNOLOGIES	17	32	3
14A81A05F7	RT32056	IPR AND PATENTS	21	46	2
14A81A05F7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	25	2
14A81A05F7	RT32058	SOFTWARE ENGINEERING LAB	11	-1	0
14A81A05F7	RT32059	WEB TECHNOLOGIES LAB	20	30	2
14A81A05F8	RT32051	SOFTWARE ENGINEERING	11	31	3



Htno	Subcode	Subname	Internal	External	Credits
14A81A05F8	RT32052	DATA WARE HOUSING AND MINING	14	6	0
14A81A05F8	RT32053	COMPUTER NETWORKS	9	33	3
14A81A05F8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	9	11	0
14A81A05F8	RT32055	WEB TECHNOLOGIES	17	2	0
14A81A05F8	RT32056	IPR AND PATENTS	15	41	2
14A81A05F8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	6	-1	0
14A81A05F8	RT32058	SOFTWARE ENGINEERING LAB	11	-1	0
14A81A05F8	RT32059	WEB TECHNOLOGIES LAB	18	25	2
14A81A05G7	RT32052	DATA WARE HOUSING AND MINING	18	27	3
14A85A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	24	0
14A85A0410	RT32042	DIGITAL SIGNAL PROCESSING	22	12	0
14A85A0413	RT32042	DIGITAL SIGNAL PROCESSING	17	20	0
14A85A0413	RT32044	MICROWAVE ENGINEERING	17	13	0
14A85A0436	RT32042	DIGITAL SIGNAL PROCESSING	24	37	3
153C1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	22	38	3
153C1A0140	RT32012	GEOTECHNICAL ENGINEERING II	22	55	3
153C1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	33	3
153C1A0140	RT32014	WATER RESOURCES ENGINEERING I	17	40	3
153C1A0140	RT32015	TRANSPORTATION ENGINEERING II	23	29	3
153C1A0140	RT32016E	FINITE ELEMENT METHOD	18	34	3
153C1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	66	2
153C1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	22	39	2
15A81A0101	RT32011	ENVIRONMENTAL ENGINEERING I	25	34	3
15A81A0101	RT32012	GEOTECHNICAL ENGINEERING II	25	59	3
15A81A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	34	3
15A81A0101	RT32014	WATER RESOURCES ENGINEERING I	20	32	3
15A81A0101	RT32015	TRANSPORTATION ENGINEERING II	24	54	3
15A81A0101	RT32016E	FINITE ELEMENT METHOD	18	36	3
15A81A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	69	2
15A81A0101	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15A81A0102	RT32011	ENVIRONMENTAL ENGINEERING I	16	33	3
15A81A0102	RT32012	GEOTECHNICAL ENGINEERING II	23	28	3
15A81A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	41	3
15A81A0102	RT32014	WATER RESOURCES ENGINEERING I	17	13	0
15A81A0102	RT32015	TRANSPORTATION ENGINEERING II	23	25	3
15A81A0102	RT32016E	FINITE ELEMENT METHOD	19	5	0
15A81A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	52	2
15A81A0102	RT32018	TRANSPORTATION ENGINEERING LAB	18	36	2
15A81A0103	RT32011	ENVIRONMENTAL ENGINEERING I	18	43	3
15A81A0103	RT32012	GEOTECHNICAL ENGINEERING II	26	36	3
15A81A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	33	3
15A81A0103	RT32014	WATER RESOURCES ENGINEERING I	17	39	3
15A81A0103	RT32015	TRANSPORTATION ENGINEERING II	24	64	3
15A81A0103	RT32016E	FINITE ELEMENT METHOD	20	32	3
15A81A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
15A81A0103	RT32018	TRANSPORTATION ENGINEERING LAB	19	35	2
15A81A0104	RT32011	ENVIRONMENTAL ENGINEERING I	19	32	3
15A81A0104	RT32012	GEOTECHNICAL ENGINEERING II	18	37	3
15A81A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	28	3
15A81A0104	RT32014	WATER RESOURCES ENGINEERING I	17	41	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0104	RT32015	TRANSPORTATION ENGINEERING II	23	29	3
15A81A0104	RT32016E	FINITE ELEMENT METHOD	17	24	3
15A81A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	52	2
15A81A0104	RT32018	TRANSPORTATION ENGINEERING LAB	13	25	2
15A81A0105	RT32011	ENVIRONMENTAL ENGINEERING I	22	27	3
15A81A0105	RT32012	GEOTECHNICAL ENGINEERING II	21	58	3
15A81A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	43	3
15A81A0105	RT32014	WATER RESOURCES ENGINEERING I	19	56	3
15A81A0105	RT32015	TRANSPORTATION ENGINEERING II	19	40	3
15A81A0105	RT32016E	FINITE ELEMENT METHOD	14	34	3
15A81A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	56	2
15A81A0105	RT32018	TRANSPORTATION ENGINEERING LAB	16	29	2
15A81A0106	RT32011	ENVIRONMENTAL ENGINEERING I	19	37	3
15A81A0106	RT32012	GEOTECHNICAL ENGINEERING II	21	39	3
15A81A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	14	0
15A81A0106	RT32014	WATER RESOURCES ENGINEERING I	13	17	0
15A81A0106	RT32015	TRANSPORTATION ENGINEERING II	15	25	3
15A81A0106	RT32016E	FINITE ELEMENT METHOD	13	2	0
15A81A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	15	54	2
15A81A0106	RT32018	TRANSPORTATION ENGINEERING LAB	19	25	2
15A81A0107	RT32011	ENVIRONMENTAL ENGINEERING I	25	46	3
15A81A0107	RT32012	GEOTECHNICAL ENGINEERING II	25	44	3
15A81A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	35	3
15A81A0107	RT32014	WATER RESOURCES ENGINEERING I	23	48	3
15A81A0107	RT32015	TRANSPORTATION ENGINEERING II	25	59	3
15A81A0107	RT32016E	FINITE ELEMENT METHOD	21	44	3
15A81A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	60	2
15A81A0107	RT32018	TRANSPORTATION ENGINEERING LAB	20	40	2
15A81A0108	RT32011	ENVIRONMENTAL ENGINEERING I	13	31	3
15A81A0108	RT32012	GEOTECHNICAL ENGINEERING II	20	38	3
15A81A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	7	13	0
15A81A0108	RT32014	WATER RESOURCES ENGINEERING I	16	46	3
15A81A0108	RT32015	TRANSPORTATION ENGINEERING II	23	24	3
15A81A0108	RT32016E	FINITE ELEMENT METHOD	20	10	0
15A81A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	12	37	2
15A81A0108	RT32018	TRANSPORTATION ENGINEERING LAB	12	15	0
15A81A0109	RT32011	ENVIRONMENTAL ENGINEERING I	18	14	0
15A81A0109	RT32012	GEOTECHNICAL ENGINEERING II	22	49	3
15A81A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	11	11	0
15A81A0109	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15A81A0109	RT32015	TRANSPORTATION ENGINEERING II	22	18	0
15A81A0109	RT32016E	FINITE ELEMENT METHOD	14	31	3
15A81A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	52	2
15A81A0109	RT32018	TRANSPORTATION ENGINEERING LAB	14	23	2
15A81A0110	RT32011	ENVIRONMENTAL ENGINEERING I	15	36	3
15A81A0110	RT32012	GEOTECHNICAL ENGINEERING II	23	36	3
15A81A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	8	24	0
15A81A0110	RT32014	WATER RESOURCES ENGINEERING I	21	36	3
15A81A0110	RT32015	TRANSPORTATION ENGINEERING II	23	33	3
15A81A0110	RT32016E	FINITE ELEMENT METHOD	17	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	14	28	2
15A81A0110	RT32018	TRANSPORTATION ENGINEERING LAB	15	34	2
15A81A0111	RT32011	ENVIRONMENTAL ENGINEERING I	20	58	3
15A81A0111	RT32012	GEOTECHNICAL ENGINEERING II	20	31	3
15A81A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
15A81A0111	RT32014	WATER RESOURCES ENGINEERING I	16	39	3
15A81A0111	RT32015	TRANSPORTATION ENGINEERING II	21	70	3
15A81A0111	RT32016E	FINITE ELEMENT METHOD	18	26	3
15A81A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	56	2
15A81A0111	RT32018	TRANSPORTATION ENGINEERING LAB	16	32	2
15A81A0112	RT32011	ENVIRONMENTAL ENGINEERING I	13	33	3
15A81A0112	RT32012	GEOTECHNICAL ENGINEERING II	18	40	3
15A81A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	6	34	3
15A81A0112	RT32014	WATER RESOURCES ENGINEERING I	13	41	3
15A81A0112	RT32015	TRANSPORTATION ENGINEERING II	19	9	0
15A81A0112	RT32016E	FINITE ELEMENT METHOD	19	24	3
15A81A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	13	52	2
15A81A0112	RT32018	TRANSPORTATION ENGINEERING LAB	13	14	0
15A81A0113	RT32011	ENVIRONMENTAL ENGINEERING I	4	12	0
15A81A0113	RT32012	GEOTECHNICAL ENGINEERING II	19	22	0
15A81A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	4	0	0
15A81A0113	RT32014	WATER RESOURCES ENGINEERING I	11	3	0
15A81A0113	RT32015	TRANSPORTATION ENGINEERING II	14	0	0
15A81A0113	RT32016E	FINITE ELEMENT METHOD	10	2	0
15A81A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	13	36	2
15A81A0113	RT32018	TRANSPORTATION ENGINEERING LAB	11	28	2
15A81A0114	RT32011	ENVIRONMENTAL ENGINEERING I	17	37	3
15A81A0114	RT32012	GEOTECHNICAL ENGINEERING II	17	36	3
15A81A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	44	3
15A81A0114	RT32014	WATER RESOURCES ENGINEERING I	17	70	3
15A81A0114	RT32015	TRANSPORTATION ENGINEERING II	18	42	3
15A81A0114	RT32016E	FINITE ELEMENT METHOD	19	36	3
15A81A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	60	2
15A81A0114	RT32018	TRANSPORTATION ENGINEERING LAB	19	34	2
15A81A0115	RT32011	ENVIRONMENTAL ENGINEERING I	25	45	3
15A81A0115	RT32012	GEOTECHNICAL ENGINEERING II	19	43	3
15A81A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	29	3
15A81A0115	RT32014	WATER RESOURCES ENGINEERING I	15	33	3
15A81A0115	RT32015	TRANSPORTATION ENGINEERING II	22	48	3
15A81A0115	RT32016E	FINITE ELEMENT METHOD	17	26	3
15A81A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	56	2
15A81A0115	RT32018	TRANSPORTATION ENGINEERING LAB	19	37	2
15A81A0116	RT32011	ENVIRONMENTAL ENGINEERING I	20	29	3
15A81A0116	RT32012	GEOTECHNICAL ENGINEERING II	20	35	3
15A81A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	20	0
15A81A0116	RT32014	WATER RESOURCES ENGINEERING I	16	38	3
15A81A0116	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15A81A0116	RT32016E	FINITE ELEMENT METHOD	18	36	3
15A81A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	54	2
15A81A0116	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0117	RT32011	ENVIRONMENTAL ENGINEERING I	17	41	3
15A81A0117	RT32012	GEOTECHNICAL ENGINEERING II	18	38	3
15A81A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	38	3
15A81A0117	RT32014	WATER RESOURCES ENGINEERING I	20	39	3
15A81A0117	RT32015	TRANSPORTATION ENGINEERING II	19	35	3
15A81A0117	RT32016E	FINITE ELEMENT METHOD	12	16	0
15A81A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	29	2
15A81A0117	RT32018	TRANSPORTATION ENGINEERING LAB	16	25	2
15A81A0118	RT32011	ENVIRONMENTAL ENGINEERING I	17	41	3
15A81A0118	RT32012	GEOTECHNICAL ENGINEERING II	19	43	3
15A81A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	30	3
15A81A0118	RT32014	WATER RESOURCES ENGINEERING I	16	45	3
15A81A0118	RT32015	TRANSPORTATION ENGINEERING II	19	39	3
15A81A0118	RT32016E	FINITE ELEMENT METHOD	16	32	3
15A81A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	54	2
15A81A0118	RT32018	TRANSPORTATION ENGINEERING LAB	17	38	2
15A81A0119	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
15A81A0119	RT32012	GEOTECHNICAL ENGINEERING II	19	37	3
15A81A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	33	3
15A81A0119	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15A81A0119	RT32015	TRANSPORTATION ENGINEERING II	24	57	3
15A81A0119	RT32016E	FINITE ELEMENT METHOD	16	28	3
15A81A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	59	2
15A81A0119	RT32018	TRANSPORTATION ENGINEERING LAB	19	28	2
15A81A0120	RT32011	ENVIRONMENTAL ENGINEERING I	19	35	3
15A81A0120	RT32012	GEOTECHNICAL ENGINEERING II	20	37	3
15A81A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	41	3
15A81A0120	RT32014	WATER RESOURCES ENGINEERING I	18	44	3
15A81A0120	RT32015	TRANSPORTATION ENGINEERING II	16	29	3
15A81A0120	RT32016E	FINITE ELEMENT METHOD	16	36	3
15A81A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	46	2
15A81A0120	RT32018	TRANSPORTATION ENGINEERING LAB	13	25	2
15A81A0121	RT32011	ENVIRONMENTAL ENGINEERING I	17	28	3
15A81A0121	RT32012	GEOTECHNICAL ENGINEERING II	17	59	3
15A81A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	11	4	0
15A81A0121	RT32014	WATER RESOURCES ENGINEERING I	15	6	0
15A81A0121	RT32015	TRANSPORTATION ENGINEERING II	18	12	0
15A81A0121	RT32016E	FINITE ELEMENT METHOD	9	8	0
15A81A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	10	40	2
15A81A0121	RT32018	TRANSPORTATION ENGINEERING LAB	15	25	2
15A81A0122	RT32011	ENVIRONMENTAL ENGINEERING I	17	41	3
15A81A0122	RT32012	GEOTECHNICAL ENGINEERING II	24	37	3
15A81A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	28	3
15A81A0122	RT32014	WATER RESOURCES ENGINEERING I	18	29	3
15A81A0122	RT32015	TRANSPORTATION ENGINEERING II	23	39	3
15A81A0122	RT32016E	FINITE ELEMENT METHOD	18	24	3
15A81A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
15A81A0122	RT32018	TRANSPORTATION ENGINEERING LAB	19	31	2
15A81A0123	RT32011	ENVIRONMENTAL ENGINEERING I	21	45	3
15A81A0123	RT32012	GEOTECHNICAL ENGINEERING II	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	32	3
15A81A0123	RT32014	WATER RESOURCES ENGINEERING I	19	52	3
15A81A0123	RT32015	TRANSPORTATION ENGINEERING II	22	67	3
15A81A0123	RT32016E	FINITE ELEMENT METHOD	18	38	3
15A81A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	58	2
15A81A0123	RT32018	TRANSPORTATION ENGINEERING LAB	20	33	2
15A81A0124	RT32011	ENVIRONMENTAL ENGINEERING I	19	30	3
15A81A0124	RT32012	GEOTECHNICAL ENGINEERING II	16	27	3
15A81A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	27	3
15A81A0124	RT32014	WATER RESOURCES ENGINEERING I	18	28	3
15A81A0124	RT32015	TRANSPORTATION ENGINEERING II	23	24	3
15A81A0124	RT32016E	FINITE ELEMENT METHOD	18	13	0
15A81A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	48	2
15A81A0124	RT32018	TRANSPORTATION ENGINEERING LAB	16	36	2
15A81A0125	RT32011	ENVIRONMENTAL ENGINEERING I	13	37	3
15A81A0125	RT32012	GEOTECHNICAL ENGINEERING II	17	8	0
15A81A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	9	7	0
15A81A0125	RT32014	WATER RESOURCES ENGINEERING I	13	6	0
15A81A0125	RT32015	TRANSPORTATION ENGINEERING II	14	17	0
15A81A0125	RT32016E	FINITE ELEMENT METHOD	13	7	0
15A81A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	41	2
15A81A0125	RT32018	TRANSPORTATION ENGINEERING LAB	12	10	0
15A81A0126	RT32011	ENVIRONMENTAL ENGINEERING I	18	33	3
15A81A0126	RT32012	GEOTECHNICAL ENGINEERING II	15	34	3
15A81A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	37	3
15A81A0126	RT32014	WATER RESOURCES ENGINEERING I	22	29	3
15A81A0126	RT32015	TRANSPORTATION ENGINEERING II	20	39	3
15A81A0126	RT32016E	FINITE ELEMENT METHOD	17	34	3
15A81A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	56	2
15A81A0126	RT32018	TRANSPORTATION ENGINEERING LAB	16	28	2
15A81A0127	RT32011	ENVIRONMENTAL ENGINEERING I	24	54	3
15A81A0127	RT32012	GEOTECHNICAL ENGINEERING II	25	63	3
15A81A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	41	3
15A81A0127	RT32014	WATER RESOURCES ENGINEERING I	22	52	3
15A81A0127	RT32015	TRANSPORTATION ENGINEERING II	26	70	3
15A81A0127	RT32016E	FINITE ELEMENT METHOD	23	34	3
15A81A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	66	2
15A81A0127	RT32018	TRANSPORTATION ENGINEERING LAB	24	46	2
15A81A0128	RT32011	ENVIRONMENTAL ENGINEERING I	21	36	3
15A81A0128	RT32012	GEOTECHNICAL ENGINEERING II	21	29	3
15A81A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	36	3
15A81A0128	RT32014	WATER RESOURCES ENGINEERING I	20	48	3
15A81A0128	RT32015	TRANSPORTATION ENGINEERING II	26	30	3
15A81A0128	RT32016E	FINITE ELEMENT METHOD	20	32	3
15A81A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	59	2
15A81A0128	RT32018	TRANSPORTATION ENGINEERING LAB	21	38	2
15A81A0129	RT32011	ENVIRONMENTAL ENGINEERING I	13	37	3
15A81A0129	RT32012	GEOTECHNICAL ENGINEERING II	10	16	0
15A81A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	9	4	0
15A81A0129	RT32014	WATER RESOURCES ENGINEERING I	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0129	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
15A81A0129	RT32016E	FINITE ELEMENT METHOD	16	12	0
15A81A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	36	2
15A81A0129	RT32018	TRANSPORTATION ENGINEERING LAB	13	27	2
15A81A0130	RT32011	ENVIRONMENTAL ENGINEERING I	17	38	3
15A81A0130	RT32012	GEOTECHNICAL ENGINEERING II	16	39	3
15A81A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	27	3
15A81A0130	RT32014	WATER RESOURCES ENGINEERING I	17	18	0
15A81A0130	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15A81A0130	RT32016E	FINITE ELEMENT METHOD	13	12	0
15A81A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	60	2
15A81A0130	RT32018	TRANSPORTATION ENGINEERING LAB	18	37	2
15A81A0131	RT32011	ENVIRONMENTAL ENGINEERING I	24	50	3
15A81A0131	RT32012	GEOTECHNICAL ENGINEERING II	22	50	3
15A81A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	39	3
15A81A0131	RT32014	WATER RESOURCES ENGINEERING I	19	43	3
15A81A0131	RT32015	TRANSPORTATION ENGINEERING II	21	53	3
15A81A0131	RT32016E	FINITE ELEMENT METHOD	19	36	3
15A81A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
15A81A0131	RT32018	TRANSPORTATION ENGINEERING LAB	23	41	2
15A81A0132	RT32011	ENVIRONMENTAL ENGINEERING I	25	34	3
15A81A0132	RT32012	GEOTECHNICAL ENGINEERING II	20	41	3
15A81A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	49	3
15A81A0132	RT32014	WATER RESOURCES ENGINEERING I	16	54	3
15A81A0132	RT32015	TRANSPORTATION ENGINEERING II	24	14	0
15A81A0132	RT32016E	FINITE ELEMENT METHOD	12	-1	0
15A81A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	53	2
15A81A0132	RT32018	TRANSPORTATION ENGINEERING LAB	17	40	2
15A81A0133	RT32011	ENVIRONMENTAL ENGINEERING I	17	36	3
15A81A0133	RT32012	GEOTECHNICAL ENGINEERING II	17	36	3
15A81A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
15A81A0133	RT32014	WATER RESOURCES ENGINEERING I	15	27	3
15A81A0133	RT32015	TRANSPORTATION ENGINEERING II	19	40	3
15A81A0133	RT32016E	FINITE ELEMENT METHOD	9	24	0
15A81A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	14	45	2
15A81A0133	RT32018	TRANSPORTATION ENGINEERING LAB	14	27	2
15A81A0134	RT32011	ENVIRONMENTAL ENGINEERING I	21	46	3
15A81A0134	RT32012	GEOTECHNICAL ENGINEERING II	25	61	3
15A81A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	51	3
15A81A0134	RT32014	WATER RESOURCES ENGINEERING I	22	30	3
15A81A0134	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
15A81A0134	RT32016E	FINITE ELEMENT METHOD	19	34	3
15A81A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	56	2
15A81A0134	RT32018	TRANSPORTATION ENGINEERING LAB	20	40	2
15A81A0135	RT32011	ENVIRONMENTAL ENGINEERING I	19	39	3
15A81A0135	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
15A81A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	44	3
15A81A0135	RT32014	WATER RESOURCES ENGINEERING I	22	35	3
15A81A0135	RT32015	TRANSPORTATION ENGINEERING II	20	61	3
15A81A0135	RT32016E	FINITE ELEMENT METHOD	19	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	15	30	2
15A81A0135	RT32018	TRANSPORTATION ENGINEERING LAB	21	34	2
15A81A0136	RT32011	ENVIRONMENTAL ENGINEERING I	15	34	3
15A81A0136	RT32012	GEOTECHNICAL ENGINEERING II	12	5	0
15A81A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	30	3
15A81A0136	RT32014	WATER RESOURCES ENGINEERING I	12	43	3
15A81A0136	RT32015	TRANSPORTATION ENGINEERING II	21	29	3
15A81A0136	RT32016E	FINITE ELEMENT METHOD	14	32	3
15A81A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	39	2
15A81A0136	RT32018	TRANSPORTATION ENGINEERING LAB	15	33	2
15A81A0138	RT32011	ENVIRONMENTAL ENGINEERING I	17	25	3
15A81A0138	RT32012	GEOTECHNICAL ENGINEERING II	17	13	0
15A81A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	28	3
15A81A0138	RT32014	WATER RESOURCES ENGINEERING I	15	4	0
15A81A0138	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15A81A0138	RT32016E	FINITE ELEMENT METHOD	12	28	3
15A81A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	37	2
15A81A0138	RT32018	TRANSPORTATION ENGINEERING LAB	10	28	2
15A81A0139	RT32011	ENVIRONMENTAL ENGINEERING I	13	27	3
15A81A0139	RT32012	GEOTECHNICAL ENGINEERING II	16	11	0
15A81A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	7	0
15A81A0139	RT32014	WATER RESOURCES ENGINEERING I	16	9	0
15A81A0139	RT32015	TRANSPORTATION ENGINEERING II	20	42	3
15A81A0139	RT32016E	FINITE ELEMENT METHOD	17	11	0
15A81A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	16	46	2
15A81A0139	RT32018	TRANSPORTATION ENGINEERING LAB	14	25	2
15A81A0140	RT32011	ENVIRONMENTAL ENGINEERING I	19	43	3
15A81A0140	RT32012	GEOTECHNICAL ENGINEERING II	22	48	3
15A81A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	36	3
15A81A0140	RT32014	WATER RESOURCES ENGINEERING I	13	46	3
15A81A0140	RT32015	TRANSPORTATION ENGINEERING II	18	39	3
15A81A0140	RT32016E	FINITE ELEMENT METHOD	20	34	3
15A81A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	49	2
15A81A0140	RT32018	TRANSPORTATION ENGINEERING LAB	16	37	2
15A81A0141	RT32011	ENVIRONMENTAL ENGINEERING I	22	34	3
15A81A0141	RT32012	GEOTECHNICAL ENGINEERING II	19	42	3
15A81A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	29	3
15A81A0141	RT32014	WATER RESOURCES ENGINEERING I	20	40	3
15A81A0141	RT32015	TRANSPORTATION ENGINEERING II	21	29	3
15A81A0141	RT32016E	FINITE ELEMENT METHOD	19	37	3
15A81A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	50	2
15A81A0141	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15A81A0142	RT32011	ENVIRONMENTAL ENGINEERING I	21	35	3
15A81A0142	RT32012	GEOTECHNICAL ENGINEERING II	16	24	3
15A81A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	7	0
15A81A0142	RT32014	WATER RESOURCES ENGINEERING I	13	56	3
15A81A0142	RT32015	TRANSPORTATION ENGINEERING II	18	39	3
15A81A0142	RT32016E	FINITE ELEMENT METHOD	12	28	3
15A81A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	49	2
15A81A0142	RT32018	TRANSPORTATION ENGINEERING LAB	15	27	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0143	RT32011	ENVIRONMENTAL ENGINEERING I	25	34	3
15A81A0143	RT32012	GEOTECHNICAL ENGINEERING II	29	67	3
15A81A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	61	3
15A81A0143	RT32014	WATER RESOURCES ENGINEERING I	20	59	3
15A81A0143	RT32015	TRANSPORTATION ENGINEERING II	23	51	3
15A81A0143	RT32016E	FINITE ELEMENT METHOD	19	36	3
15A81A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	61	2
15A81A0143	RT32018	TRANSPORTATION ENGINEERING LAB	18	31	2
15A81A0144	RT32011	ENVIRONMENTAL ENGINEERING I	21	45	3
15A81A0144	RT32012	GEOTECHNICAL ENGINEERING II	23	38	3
15A81A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	35	3
15A81A0144	RT32014	WATER RESOURCES ENGINEERING I	16	46	3
15A81A0144	RT32015	TRANSPORTATION ENGINEERING II	17	51	3
15A81A0144	RT32016E	FINITE ELEMENT METHOD	14	34	3
15A81A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	49	2
15A81A0144	RT32018	TRANSPORTATION ENGINEERING LAB	18	36	2
15A81A0145	RT32011	ENVIRONMENTAL ENGINEERING I	16	17	0
15A81A0145	RT32012	GEOTECHNICAL ENGINEERING II	16	14	0
15A81A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	28	3
15A81A0145	RT32014	WATER RESOURCES ENGINEERING I	19	29	3
15A81A0145	RT32015	TRANSPORTATION ENGINEERING II	18	31	3
15A81A0145	RT32016E	FINITE ELEMENT METHOD	16	15	0
15A81A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	14	32	2
15A81A0145	RT32018	TRANSPORTATION ENGINEERING LAB	15	29	2
15A81A0146	RT32011	ENVIRONMENTAL ENGINEERING I	20	26	3
15A81A0146	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
15A81A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	4	0
15A81A0146	RT32014	WATER RESOURCES ENGINEERING I	14	50	3
15A81A0146	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
15A81A0146	RT32016E	FINITE ELEMENT METHOD	22	24	3
15A81A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	38	2
15A81A0146	RT32018	TRANSPORTATION ENGINEERING LAB	15	36	2
15A81A0147	RT32011	ENVIRONMENTAL ENGINEERING I	20	29	3
15A81A0147	RT32012	GEOTECHNICAL ENGINEERING II	14	50	3
15A81A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	50	3
15A81A0147	RT32014	WATER RESOURCES ENGINEERING I	14	41	3
15A81A0147	RT32015	TRANSPORTATION ENGINEERING II	16	41	3
15A81A0147	RT32016E	FINITE ELEMENT METHOD	17	26	3
15A81A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	48	2
15A81A0147	RT32018	TRANSPORTATION ENGINEERING LAB	14	29	2
15A81A0148	RT32011	ENVIRONMENTAL ENGINEERING I	20	42	3
15A81A0148	RT32012	GEOTECHNICAL ENGINEERING II	20	51	3
15A81A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	29	3
15A81A0148	RT32014	WATER RESOURCES ENGINEERING I	16	40	3
15A81A0148	RT32015	TRANSPORTATION ENGINEERING II	23	36	3
15A81A0148	RT32016E	FINITE ELEMENT METHOD	15	14	0
15A81A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	44	2
15A81A0148	RT32018	TRANSPORTATION ENGINEERING LAB	20	34	2
15A81A0149	RT32011	ENVIRONMENTAL ENGINEERING I	27	35	3
15A81A0149	RT32012	GEOTECHNICAL ENGINEERING II	25	53	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	32	3
15A81A0149	RT32014	WATER RESOURCES ENGINEERING I	17	51	3
15A81A0149	RT32015	TRANSPORTATION ENGINEERING II	20	37	3
15A81A0149	RT32016E	FINITE ELEMENT METHOD	19	44	3
15A81A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	65	2
15A81A0149	RT32018	TRANSPORTATION ENGINEERING LAB	24	44	2
15A81A0150	RT32011	ENVIRONMENTAL ENGINEERING I	17	24	3
15A81A0150	RT32012	GEOTECHNICAL ENGINEERING II	18	13	0
15A81A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	19	0
15A81A0150	RT32014	WATER RESOURCES ENGINEERING I	18	37	3
15A81A0150	RT32015	TRANSPORTATION ENGINEERING II	15	29	3
15A81A0150	RT32016E	FINITE ELEMENT METHOD	22	12	0
15A81A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
15A81A0150	RT32018	TRANSPORTATION ENGINEERING LAB	18	40	2
15A81A0151	RT32011	ENVIRONMENTAL ENGINEERING I	16	31	3
15A81A0151	RT32012	GEOTECHNICAL ENGINEERING II	17	49	3
15A81A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	10	32	3
15A81A0151	RT32014	WATER RESOURCES ENGINEERING I	19	47	3
15A81A0151	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
15A81A0151	RT32016E	FINITE ELEMENT METHOD	13	36	3
15A81A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	47	2
15A81A0151	RT32018	TRANSPORTATION ENGINEERING LAB	17	32	2
15A81A0152	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
15A81A0152	RT32012	GEOTECHNICAL ENGINEERING II	16	46	3
15A81A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	33	3
15A81A0152	RT32014	WATER RESOURCES ENGINEERING I	15	37	3
15A81A0152	RT32015	TRANSPORTATION ENGINEERING II	16	2	0
15A81A0152	RT32016E	FINITE ELEMENT METHOD	13	10	0
15A81A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	13	40	2
15A81A0152	RT32018	TRANSPORTATION ENGINEERING LAB	18	33	2
15A81A0153	RT32011	ENVIRONMENTAL ENGINEERING I	25	35	3
15A81A0153	RT32012	GEOTECHNICAL ENGINEERING II	24	50	3
15A81A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	55	3
15A81A0153	RT32014	WATER RESOURCES ENGINEERING I	25	56	3
15A81A0153	RT32015	TRANSPORTATION ENGINEERING II	21	47	3
15A81A0153	RT32016E	FINITE ELEMENT METHOD	20	47	3
15A81A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	43	2
15A81A0153	RT32018	TRANSPORTATION ENGINEERING LAB	20	39	2
15A81A0154	RT32011	ENVIRONMENTAL ENGINEERING I	18	40	3
15A81A0154	RT32012	GEOTECHNICAL ENGINEERING II	17	43	3
15A81A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	36	3
15A81A0154	RT32014	WATER RESOURCES ENGINEERING I	21	60	3
15A81A0154	RT32015	TRANSPORTATION ENGINEERING II	19	37	3
15A81A0154	RT32016E	FINITE ELEMENT METHOD	21	40	3
15A81A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	44	2
15A81A0154	RT32018	TRANSPORTATION ENGINEERING LAB	19	34	2
15A81A0156	RT32011	ENVIRONMENTAL ENGINEERING I	19	30	3
15A81A0156	RT32012	GEOTECHNICAL ENGINEERING II	16	45	3
15A81A0156	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	51	3
15A81A0156	RT32014	WATER RESOURCES ENGINEERING I	23	54	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0156	RT32015	TRANSPORTATION ENGINEERING II	21	59	3
15A81A0156	RT32016E	FINITE ELEMENT METHOD	13	41	3
15A81A0156	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	42	2
15A81A0156	RT32018	TRANSPORTATION ENGINEERING LAB	15	29	2
15A81A0157	RT32011	ENVIRONMENTAL ENGINEERING I	20	44	3
15A81A0157	RT32012	GEOTECHNICAL ENGINEERING II	15	56	3
15A81A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	14	26	3
15A81A0157	RT32014	WATER RESOURCES ENGINEERING I	16	36	3
15A81A0157	RT32015	TRANSPORTATION ENGINEERING II	16	48	3
15A81A0157	RT32016E	FINITE ELEMENT METHOD	16	30	3
15A81A0157	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	53	2
15A81A0157	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15A81A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	50	3
15A81A0201	RT32022	SWITCHGEAR AND PROTECTION	24	31	3
15A81A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	56	3
15A81A0201	RT32024	POWER SYSTEM ANALYSIS	27	67	3
15A81A0201	RT32025	MANAGEMENT SCIENCE	24	57	3
15A81A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	54	3
15A81A0201	RT32027	POWER ELECTRONICS LAB	23	45	2
15A81A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15A81A0202	RT32022	SWITCHGEAR AND PROTECTION	15	27	3
15A81A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	15	0
15A81A0202	RT32024	POWER SYSTEM ANALYSIS	18	28	3
15A81A0202	RT32025	MANAGEMENT SCIENCE	17	38	3
15A81A0202	RT32026	POWER SEMICONDUCTOR DRIVES	14	19	0
15A81A0202	RT32027	POWER ELECTRONICS LAB	20	40	2
15A81A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
15A81A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	44	3
15A81A0203	RT32022	SWITCHGEAR AND PROTECTION	18	43	3
15A81A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	34	3
15A81A0203	RT32024	POWER SYSTEM ANALYSIS	18	49	3
15A81A0203	RT32025	MANAGEMENT SCIENCE	24	49	3
15A81A0203	RT32026	POWER SEMICONDUCTOR DRIVES	22	35	3
15A81A0203	RT32027	POWER ELECTRONICS LAB	21	42	2
15A81A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15A81A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	14	0
15A81A0204	RT32022	SWITCHGEAR AND PROTECTION	14	26	3
15A81A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	17	0
15A81A0204	RT32024	POWER SYSTEM ANALYSIS	15	26	3
15A81A0204	RT32025	MANAGEMENT SCIENCE	23	29	3
15A81A0204	RT32026	POWER SEMICONDUCTOR DRIVES	18	10	0
15A81A0204	RT32027	POWER ELECTRONICS LAB	6	5	0
15A81A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	18	30	2
15A81A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	41	3
15A81A0205	RT32022	SWITCHGEAR AND PROTECTION	23	44	3
15A81A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	55	3
15A81A0205	RT32024	POWER SYSTEM ANALYSIS	25	53	3
15A81A0205	RT32025	MANAGEMENT SCIENCE	26	57	3
15A81A0205	RT32026	POWER SEMICONDUCTOR DRIVES	23	42	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0205	RT32027	POWER ELECTRONICS LAB	24	47	2
15A81A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15A81A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	31	3
15A81A0206	RT32022	SWITCHGEAR AND PROTECTION	18	32	3
15A81A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	43	3
15A81A0206	RT32024	POWER SYSTEM ANALYSIS	22	41	3
15A81A0206	RT32025	MANAGEMENT SCIENCE	18	43	3
15A81A0206	RT32026	POWER SEMICONDUCTOR DRIVES	21	34	3
15A81A0206	RT32027	POWER ELECTRONICS LAB	21	42	2
15A81A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15A81A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	38	3
15A81A0207	RT32022	SWITCHGEAR AND PROTECTION	20	58	3
15A81A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	40	3
15A81A0207	RT32024	POWER SYSTEM ANALYSIS	25	38	3
15A81A0207	RT32025	MANAGEMENT SCIENCE	21	50	3
15A81A0207	RT32026	POWER SEMICONDUCTOR DRIVES	23	57	3
15A81A0207	RT32027	POWER ELECTRONICS LAB	23	45	2
15A81A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15A81A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	28	3
15A81A0208	RT32022	SWITCHGEAR AND PROTECTION	12	29	3
15A81A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	36	3
15A81A0208	RT32024	POWER SYSTEM ANALYSIS	17	42	3
15A81A0208	RT32025	MANAGEMENT SCIENCE	23	42	3
15A81A0208	RT32026	POWER SEMICONDUCTOR DRIVES	21	34	3
15A81A0208	RT32027	POWER ELECTRONICS LAB	21	42	2
15A81A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15A81A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	28	3
15A81A0209	RT32022	SWITCHGEAR AND PROTECTION	16	34	3
15A81A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	34	3
15A81A0209	RT32024	POWER SYSTEM ANALYSIS	20	28	3
15A81A0209	RT32025	MANAGEMENT SCIENCE	22	46	3
15A81A0209	RT32026	POWER SEMICONDUCTOR DRIVES	21	14	0
15A81A0209	RT32027	POWER ELECTRONICS LAB	19	38	2
15A81A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15A81A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
15A81A0210	RT32022	SWITCHGEAR AND PROTECTION	18	24	3
15A81A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15A81A0210	RT32024	POWER SYSTEM ANALYSIS	14	15	0
15A81A0210	RT32025	MANAGEMENT SCIENCE	22	33	3
15A81A0210	RT32026	POWER SEMICONDUCTOR DRIVES	19	31	3
15A81A0210	RT32027	POWER ELECTRONICS LAB	13	35	2
15A81A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
15A81A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	39	3
15A81A0212	RT32022	SWITCHGEAR AND PROTECTION	21	54	3
15A81A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	36	3
15A81A0212	RT32024	POWER SYSTEM ANALYSIS	27	50	3
15A81A0212	RT32025	MANAGEMENT SCIENCE	25	54	3
15A81A0212	RT32026	POWER SEMICONDUCTOR DRIVES	23	47	3
15A81A0212	RT32027	POWER ELECTRONICS LAB	23	43	2
15A81A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
15A81A0213	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
15A81A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	40	3
15A81A0213	RT32024	POWER SYSTEM ANALYSIS	25	53	3
15A81A0213	RT32025	MANAGEMENT SCIENCE	22	35	3
15A81A0213	RT32026	POWER SEMICONDUCTOR DRIVES	19	35	3
15A81A0213	RT32027	POWER ELECTRONICS LAB	23	45	2
15A81A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15A81A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	47	3
15A81A0214	RT32022	SWITCHGEAR AND PROTECTION	21	40	3
15A81A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	51	3
15A81A0214	RT32024	POWER SYSTEM ANALYSIS	26	62	3
15A81A0214	RT32025	MANAGEMENT SCIENCE	24	48	3
15A81A0214	RT32026	POWER SEMICONDUCTOR DRIVES	23	30	3
15A81A0214	RT32027	POWER ELECTRONICS LAB	23	44	2
15A81A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15A81A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	28	3
15A81A0215	RT32022	SWITCHGEAR AND PROTECTION	18	32	3
15A81A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	31	3
15A81A0215	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15A81A0215	RT32025	MANAGEMENT SCIENCE	24	41	3
15A81A0215	RT32026	POWER SEMICONDUCTOR DRIVES	21	37	3
15A81A0215	RT32027	POWER ELECTRONICS LAB	20	40	2
15A81A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15A81A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	50	3
15A81A0216	RT32022	SWITCHGEAR AND PROTECTION	27	56	3
15A81A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	63	3
15A81A0216	RT32024	POWER SYSTEM ANALYSIS	28	61	3
15A81A0216	RT32025	MANAGEMENT SCIENCE	26	49	3
15A81A0216	RT32026	POWER SEMICONDUCTOR DRIVES	26	43	3
15A81A0216	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15A81A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	32	3
15A81A0217	RT32022	SWITCHGEAR AND PROTECTION	21	31	3
15A81A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	36	3
15A81A0217	RT32024	POWER SYSTEM ANALYSIS	27	43	3
15A81A0217	RT32025	MANAGEMENT SCIENCE	25	36	3
15A81A0217	RT32026	POWER SEMICONDUCTOR DRIVES	23	25	3
15A81A0217	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15A81A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	36	3
15A81A0218	RT32022	SWITCHGEAR AND PROTECTION	20	38	3
15A81A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	49	3
15A81A0218	RT32024	POWER SYSTEM ANALYSIS	24	38	3
15A81A0218	RT32025	MANAGEMENT SCIENCE	23	42	3
15A81A0218	RT32026	POWER SEMICONDUCTOR DRIVES	24	29	3
15A81A0218	RT32027	POWER ELECTRONICS LAB	24	47	2
15A81A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15A81A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	31	3
15A81A0219	RT32022	SWITCHGEAR AND PROTECTION	23	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	26	3
15A81A0219	RT32024	POWER SYSTEM ANALYSIS	18	29	3
15A81A0219	RT32025	MANAGEMENT SCIENCE	22	40	3
15A81A0219	RT32026	POWER SEMICONDUCTOR DRIVES	27	37	3
15A81A0219	RT32027	POWER ELECTRONICS LAB	19	38	2
15A81A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15A81A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	34	3
15A81A0220	RT32022	SWITCHGEAR AND PROTECTION	18	54	3
15A81A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	36	3
15A81A0220	RT32024	POWER SYSTEM ANALYSIS	16	49	3
15A81A0220	RT32025	MANAGEMENT SCIENCE	23	49	3
15A81A0220	RT32026	POWER SEMICONDUCTOR DRIVES	19	46	3
15A81A0220	RT32027	POWER ELECTRONICS LAB	20	40	2
15A81A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15A81A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	17	0
15A81A0221	RT32022	SWITCHGEAR AND PROTECTION	19	25	3
15A81A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	36	3
15A81A0221	RT32024	POWER SYSTEM ANALYSIS	20	47	3
15A81A0221	RT32025	MANAGEMENT SCIENCE	21	45	3
15A81A0221	RT32026	POWER SEMICONDUCTOR DRIVES	18	25	3
15A81A0221	RT32027	POWER ELECTRONICS LAB	19	39	2
15A81A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15A81A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	13	0
15A81A0222	RT32022	SWITCHGEAR AND PROTECTION	13	27	3
15A81A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	32	3
15A81A0222	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15A81A0222	RT32025	MANAGEMENT SCIENCE	17	36	3
15A81A0222	RT32026	POWER SEMICONDUCTOR DRIVES	11	2	0
15A81A0222	RT32027	POWER ELECTRONICS LAB	5	-1	0
15A81A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	14	-1	0
15A81A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	40	3
15A81A0223	RT32022	SWITCHGEAR AND PROTECTION	20	38	3
15A81A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	30	3
15A81A0223	RT32024	POWER SYSTEM ANALYSIS	23	44	3
15A81A0223	RT32025	MANAGEMENT SCIENCE	23	50	3
15A81A0223	RT32026	POWER SEMICONDUCTOR DRIVES	24	31	3
15A81A0223	RT32027	POWER ELECTRONICS LAB	21	42	2
15A81A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15A81A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	30	3
15A81A0224	RT32022	SWITCHGEAR AND PROTECTION	18	59	3
15A81A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	36	3
15A81A0224	RT32024	POWER SYSTEM ANALYSIS	26	45	3
15A81A0224	RT32025	MANAGEMENT SCIENCE	23	55	3
15A81A0224	RT32026	POWER SEMICONDUCTOR DRIVES	22	55	3
15A81A0224	RT32027	POWER ELECTRONICS LAB	22	44	2
15A81A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15A81A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	35	3
15A81A0225	RT32022	SWITCHGEAR AND PROTECTION	25	30	3
15A81A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	41	3
15A81A0225	RT32024	POWER SYSTEM ANALYSIS	29	53	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0225	RT32025	MANAGEMENT SCIENCE	26	40	3
15A81A0225	RT32026	POWER SEMICONDUCTOR DRIVES	23	49	3
15A81A0225	RT32027	POWER ELECTRONICS LAB	21	42	2
15A81A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15A81A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	65	3
15A81A0226	RT32022	SWITCHGEAR AND PROTECTION	25	50	3
15A81A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	57	3
15A81A0226	RT32024	POWER SYSTEM ANALYSIS	27	70	3
15A81A0226	RT32025	MANAGEMENT SCIENCE	28	48	3
15A81A0226	RT32026	POWER SEMICONDUCTOR DRIVES	23	47	3
15A81A0226	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	25	3
15A81A0227	RT32022	SWITCHGEAR AND PROTECTION	17	15	0
15A81A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	25	3
15A81A0227	RT32024	POWER SYSTEM ANALYSIS	20	27	3
15A81A0227	RT32025	MANAGEMENT SCIENCE	21	32	3
15A81A0227	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15A81A0227	RT32027	POWER ELECTRONICS LAB	18	36	2
15A81A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15A81A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	11	0
15A81A0228	RT32022	SWITCHGEAR AND PROTECTION	18	41	3
15A81A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	24	3
15A81A0228	RT32024	POWER SYSTEM ANALYSIS	20	9	0
15A81A0228	RT32025	MANAGEMENT SCIENCE	25	37	3
15A81A0228	RT32026	POWER SEMICONDUCTOR DRIVES	18	17	0
15A81A0228	RT32027	POWER ELECTRONICS LAB	14	35	2
15A81A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15A81A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	34	3
15A81A0229	RT32022	SWITCHGEAR AND PROTECTION	24	32	3
15A81A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	36	3
15A81A0229	RT32024	POWER SYSTEM ANALYSIS	27	55	3
15A81A0229	RT32025	MANAGEMENT SCIENCE	26	39	3
15A81A0229	RT32026	POWER SEMICONDUCTOR DRIVES	27	37	3
15A81A0229	RT32027	POWER ELECTRONICS LAB	23	45	2
15A81A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	65	3
15A81A0230	RT32022	SWITCHGEAR AND PROTECTION	27	50	3
15A81A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	58	3
15A81A0230	RT32024	POWER SYSTEM ANALYSIS	27	61	3
15A81A0230	RT32025	MANAGEMENT SCIENCE	25	49	3
15A81A0230	RT32026	POWER SEMICONDUCTOR DRIVES	26	39	3
15A81A0230	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	7	0	0
15A81A0232	RT32022	SWITCHGEAR AND PROTECTION	14	3	0
15A81A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	6	0
15A81A0232	RT32024	POWER SYSTEM ANALYSIS	17	4	0
15A81A0232	RT32025	MANAGEMENT SCIENCE	14	19	0
15A81A0232	RT32026	POWER SEMICONDUCTOR DRIVES	16	10	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0232	RT3207	POWER ELECTRONICS LAB	7	25	2
15A81A0232	RT3208	ELECTRICAL MEASUREMENTS LAB	17	30	2
15A81A0233	RT3201	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
15A81A0233	RT3202	SWITCHGEAR AND PROTECTION	21	36	3
15A81A0233	RT3203	UTILIZATION OF ELECTRICAL ENERGY	19	42	3
15A81A0233	RT3204	POWER SYSTEM ANALYSIS	19	26	3
15A81A0233	RT3205	MANAGEMENT SCIENCE	22	54	3
15A81A0233	RT3206	POWER SEMICONDUCTOR DRIVES	25	42	3
15A81A0233	RT3207	POWER ELECTRONICS LAB	20	40	2
15A81A0233	RT3208	ELECTRICAL MEASUREMENTS LAB	24	46	2
15A81A0234	RT3201	MICROPROCESSORS & MICROCONTROLLERS	26	27	3
15A81A0234	RT3202	SWITCHGEAR AND PROTECTION	18	32	3
15A81A0234	RT3203	UTILIZATION OF ELECTRICAL ENERGY	19	45	3
15A81A0234	RT3204	POWER SYSTEM ANALYSIS	18	39	3
15A81A0234	RT3205	MANAGEMENT SCIENCE	24	36	3
15A81A0234	RT3206	POWER SEMICONDUCTOR DRIVES	18	25	3
15A81A0234	RT3207	POWER ELECTRONICS LAB	21	42	2
15A81A0234	RT3208	ELECTRICAL MEASUREMENTS LAB	24	46	2
15A81A0235	RT3201	MICROPROCESSORS & MICROCONTROLLERS	25	63	3
15A81A0235	RT3202	SWITCHGEAR AND PROTECTION	23	46	3
15A81A0235	RT3203	UTILIZATION OF ELECTRICAL ENERGY	17	45	3
15A81A0235	RT3204	POWER SYSTEM ANALYSIS	24	53	3
15A81A0235	RT3205	MANAGEMENT SCIENCE	24	46	3
15A81A0235	RT3206	POWER SEMICONDUCTOR DRIVES	25	27	3
15A81A0235	RT3207	POWER ELECTRONICS LAB	20	45	2
15A81A0235	RT3208	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0236	RT3201	MICROPROCESSORS & MICROCONTROLLERS	20	46	3
15A81A0236	RT3202	SWITCHGEAR AND PROTECTION	20	40	3
15A81A0236	RT3203	UTILIZATION OF ELECTRICAL ENERGY	22	32	3
15A81A0236	RT3204	POWER SYSTEM ANALYSIS	19	51	3
15A81A0236	RT3205	MANAGEMENT SCIENCE	22	48	3
15A81A0236	RT3206	POWER SEMICONDUCTOR DRIVES	20	57	3
15A81A0236	RT3207	POWER ELECTRONICS LAB	22	44	2
15A81A0236	RT3208	ELECTRICAL MEASUREMENTS LAB	25	49	2
15A81A0237	RT3201	MICROPROCESSORS & MICROCONTROLLERS	12	3	0
15A81A0237	RT3202	SWITCHGEAR AND PROTECTION	17	54	3
15A81A0237	RT3203	UTILIZATION OF ELECTRICAL ENERGY	16	5	0
15A81A0237	RT3204	POWER SYSTEM ANALYSIS	18	6	0
15A81A0237	RT3205	MANAGEMENT SCIENCE	17	40	3
15A81A0237	RT3206	POWER SEMICONDUCTOR DRIVES	20	32	3
15A81A0237	RT3207	POWER ELECTRONICS LAB	17	27	2
15A81A0237	RT3208	ELECTRICAL MEASUREMENTS LAB	23	44	2
15A81A0238	RT3201	MICROPROCESSORS & MICROCONTROLLERS	25	15	0
15A81A0238	RT3202	SWITCHGEAR AND PROTECTION	18	25	3
15A81A0238	RT3203	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
15A81A0238	RT3204	POWER SYSTEM ANALYSIS	20	39	3
15A81A0238	RT3205	MANAGEMENT SCIENCE	19	36	3
15A81A0238	RT3206	POWER SEMICONDUCTOR DRIVES	23	27	3
15A81A0238	RT3207	POWER ELECTRONICS LAB	20	39	2
15A81A0238	RT3208	ELECTRICAL MEASUREMENTS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	9	0
15A81A0239	RT32022	SWITCHGEAR AND PROTECTION	14	28	3
15A81A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	9	31	3
15A81A0239	RT32024	POWER SYSTEM ANALYSIS	12	28	3
15A81A0239	RT32025	MANAGEMENT SCIENCE	15	34	3
15A81A0239	RT32026	POWER SEMICONDUCTOR DRIVES	17	8	0
15A81A0239	RT32027	POWER ELECTRONICS LAB	5	-1	0
15A81A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	12	-1	0
15A81A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3
15A81A0240	RT32022	SWITCHGEAR AND PROTECTION	18	32	3
15A81A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	30	3
15A81A0240	RT32024	POWER SYSTEM ANALYSIS	12	16	0
15A81A0240	RT32025	MANAGEMENT SCIENCE	19	48	3
15A81A0240	RT32026	POWER SEMICONDUCTOR DRIVES	16	33	3
15A81A0240	RT32027	POWER ELECTRONICS LAB	17	38	2
15A81A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	21	46	2
15A81A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
15A81A0241	RT32022	SWITCHGEAR AND PROTECTION	19	40	3
15A81A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	15	0
15A81A0241	RT32024	POWER SYSTEM ANALYSIS	24	40	3
15A81A0241	RT32025	MANAGEMENT SCIENCE	24	42	3
15A81A0241	RT32026	POWER SEMICONDUCTOR DRIVES	25	31	3
15A81A0241	RT32027	POWER ELECTRONICS LAB	23	46	2
15A81A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15A81A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	9	0
15A81A0242	RT32022	SWITCHGEAR AND PROTECTION	22	28	3
15A81A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	36	3
15A81A0242	RT32024	POWER SYSTEM ANALYSIS	28	49	3
15A81A0242	RT32025	MANAGEMENT SCIENCE	23	39	3
15A81A0242	RT32026	POWER SEMICONDUCTOR DRIVES	22	31	3
15A81A0242	RT32027	POWER ELECTRONICS LAB	23	49	2
15A81A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15A81A0243	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	32	3
15A81A0243	RT32022	SWITCHGEAR AND PROTECTION	19	41	3
15A81A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	37	3
15A81A0243	RT32024	POWER SYSTEM ANALYSIS	22	40	3
15A81A0243	RT32025	MANAGEMENT SCIENCE	21	43	3
15A81A0243	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
15A81A0243	RT32027	POWER ELECTRONICS LAB	22	47	2
15A81A0243	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
15A81A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	38	3
15A81A0244	RT32022	SWITCHGEAR AND PROTECTION	25	26	3
15A81A0244	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	32	3
15A81A0244	RT32024	POWER SYSTEM ANALYSIS	25	25	3
15A81A0244	RT32025	MANAGEMENT SCIENCE	25	40	3
15A81A0244	RT32026	POWER SEMICONDUCTOR DRIVES	23	32	3
15A81A0244	RT32027	POWER ELECTRONICS LAB	20	48	2
15A81A0244	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15A81A0245	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	34	3
15A81A0245	RT32022	SWITCHGEAR AND PROTECTION	24	54	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A0245	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	49	3
15A81A0245	RT32024	POWER SYSTEM ANALYSIS	23	36	3
15A81A0245	RT32025	MANAGEMENT SCIENCE	25	47	3
15A81A0245	RT32026	POWER SEMICONDUCTOR DRIVES	26	36	3
15A81A0245	RT32027	POWER ELECTRONICS LAB	23	46	2
15A81A0245	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15A81A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	17	0
15A81A0246	RT32022	SWITCHGEAR AND PROTECTION	22	27	3
15A81A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	38	3
15A81A0246	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15A81A0246	RT32025	MANAGEMENT SCIENCE	20	36	3
15A81A0246	RT32026	POWER SEMICONDUCTOR DRIVES	26	44	3
15A81A0246	RT32027	POWER ELECTRONICS LAB	23	46	2
15A81A0246	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	55	3
15A81A0247	RT32022	SWITCHGEAR AND PROTECTION	24	43	3
15A81A0247	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	46	3
15A81A0247	RT32024	POWER SYSTEM ANALYSIS	28	54	3
15A81A0247	RT32025	MANAGEMENT SCIENCE	24	46	3
15A81A0247	RT32026	POWER SEMICONDUCTOR DRIVES	28	29	3
15A81A0247	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0247	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	38	3
15A81A0248	RT32022	SWITCHGEAR AND PROTECTION	25	39	3
15A81A0248	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	34	3
15A81A0248	RT32024	POWER SYSTEM ANALYSIS	28	57	3
15A81A0248	RT32025	MANAGEMENT SCIENCE	21	50	3
15A81A0248	RT32026	POWER SEMICONDUCTOR DRIVES	21	39	3
15A81A0248	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0248	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0249	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	32	3
15A81A0249	RT32022	SWITCHGEAR AND PROTECTION	23	53	3
15A81A0249	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	54	3
15A81A0249	RT32024	POWER SYSTEM ANALYSIS	27	39	3
15A81A0249	RT32025	MANAGEMENT SCIENCE	25	50	3
15A81A0249	RT32026	POWER SEMICONDUCTOR DRIVES	27	46	3
15A81A0249	RT32027	POWER ELECTRONICS LAB	23	49	2
15A81A0249	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	29	3
15A81A0250	RT32022	SWITCHGEAR AND PROTECTION	20	27	3
15A81A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	38	3
15A81A0250	RT32024	POWER SYSTEM ANALYSIS	17	35	3
15A81A0250	RT32025	MANAGEMENT SCIENCE	24	39	3
15A81A0250	RT32026	POWER SEMICONDUCTOR DRIVES	24	35	3
15A81A0250	RT32027	POWER ELECTRONICS LAB	21	46	2
15A81A0250	RT32028	ELECTRICAL MEASUREMENTS LAB	23	46	2
15A81A0251	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	41	3
15A81A0251	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
15A81A0251	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	35	3
15A81A0251	RT32024	POWER SYSTEM ANALYSIS	21	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0251	RT32025	MANAGEMENT SCIENCE	18	40	3
15A81A0251	RT32026	POWER SEMICONDUCTOR DRIVES	21	14	0
15A81A0251	RT32027	POWER ELECTRONICS LAB	22	44	2
15A81A0251	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15A81A0252	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	40	3
15A81A0252	RT32022	SWITCHGEAR AND PROTECTION	23	38	3
15A81A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	28	3
15A81A0252	RT32024	POWER SYSTEM ANALYSIS	25	28	3
15A81A0252	RT32025	MANAGEMENT SCIENCE	23	49	3
15A81A0252	RT32026	POWER SEMICONDUCTOR DRIVES	26	47	3
15A81A0252	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0252	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15A81A0253	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	38	3
15A81A0253	RT32022	SWITCHGEAR AND PROTECTION	22	54	3
15A81A0253	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	61	3
15A81A0253	RT32024	POWER SYSTEM ANALYSIS	28	54	3
15A81A0253	RT32025	MANAGEMENT SCIENCE	24	53	3
15A81A0253	RT32026	POWER SEMICONDUCTOR DRIVES	27	51	3
15A81A0253	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0253	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15A81A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	28	3
15A81A0254	RT32022	SWITCHGEAR AND PROTECTION	21	24	3
15A81A0254	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
15A81A0254	RT32024	POWER SYSTEM ANALYSIS	18	35	3
15A81A0254	RT32025	MANAGEMENT SCIENCE	20	24	3
15A81A0254	RT32026	POWER SEMICONDUCTOR DRIVES	25	35	3
15A81A0254	RT32027	POWER ELECTRONICS LAB	22	46	2
15A81A0254	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15A81A0255	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	41	3
15A81A0255	RT32022	SWITCHGEAR AND PROTECTION	21	37	3
15A81A0255	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	47	3
15A81A0255	RT32024	POWER SYSTEM ANALYSIS	26	47	3
15A81A0255	RT32025	MANAGEMENT SCIENCE	24	46	3
15A81A0255	RT32026	POWER SEMICONDUCTOR DRIVES	24	27	3
15A81A0255	RT32027	POWER ELECTRONICS LAB	23	40	2
15A81A0255	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15A81A0256	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	42	3
15A81A0256	RT32022	SWITCHGEAR AND PROTECTION	22	32	3
15A81A0256	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	11	0
15A81A0256	RT32024	POWER SYSTEM ANALYSIS	23	27	3
15A81A0256	RT32025	MANAGEMENT SCIENCE	21	36	3
15A81A0256	RT32026	POWER SEMICONDUCTOR DRIVES	23	37	3
15A81A0256	RT32027	POWER ELECTRONICS LAB	23	43	2
15A81A0256	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15A81A0258	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	32	3
15A81A0258	RT32022	SWITCHGEAR AND PROTECTION	21	51	3
15A81A0258	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	44	3
15A81A0258	RT32024	POWER SYSTEM ANALYSIS	26	47	3
15A81A0258	RT32025	MANAGEMENT SCIENCE	25	55	3
15A81A0258	RT32026	POWER SEMICONDUCTOR DRIVES	25	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0258	RT32027	POWER ELECTRONICS LAB	23	48	2
15A81A0258	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0259	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	27	3
15A81A0259	RT32022	SWITCHGEAR AND PROTECTION	20	27	3
15A81A0259	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	38	3
15A81A0259	RT32024	POWER SYSTEM ANALYSIS	20	49	3
15A81A0259	RT32025	MANAGEMENT SCIENCE	19	31	3
15A81A0259	RT32026	POWER SEMICONDUCTOR DRIVES	24	27	3
15A81A0259	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0259	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
15A81A0260	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	61	3
15A81A0260	RT32022	SWITCHGEAR AND PROTECTION	23	39	3
15A81A0260	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	46	3
15A81A0260	RT32024	POWER SYSTEM ANALYSIS	22	31	3
15A81A0260	RT32025	MANAGEMENT SCIENCE	23	47	3
15A81A0260	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
15A81A0260	RT32027	POWER ELECTRONICS LAB	21	46	2
15A81A0260	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0261	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	18	0
15A81A0261	RT32022	SWITCHGEAR AND PROTECTION	15	25	3
15A81A0261	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	29	3
15A81A0261	RT32024	POWER SYSTEM ANALYSIS	21	24	3
15A81A0261	RT32025	MANAGEMENT SCIENCE	22	43	3
15A81A0261	RT32026	POWER SEMICONDUCTOR DRIVES	23	29	3
15A81A0261	RT32027	POWER ELECTRONICS LAB	18	38	2
15A81A0261	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15A81A0262	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	24	3
15A81A0262	RT32022	SWITCHGEAR AND PROTECTION	21	53	3
15A81A0262	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	24	3
15A81A0262	RT32024	POWER SYSTEM ANALYSIS	22	25	3
15A81A0262	RT32025	MANAGEMENT SCIENCE	22	39	3
15A81A0262	RT32026	POWER SEMICONDUCTOR DRIVES	22	31	3
15A81A0262	RT32027	POWER ELECTRONICS LAB	22	45	2
15A81A0262	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15A81A0263	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	25	3
15A81A0263	RT32022	SWITCHGEAR AND PROTECTION	23	24	3
15A81A0263	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	24	3
15A81A0263	RT32024	POWER SYSTEM ANALYSIS	24	29	3
15A81A0263	RT32025	MANAGEMENT SCIENCE	20	24	3
15A81A0263	RT32026	POWER SEMICONDUCTOR DRIVES	27	26	3
15A81A0263	RT32027	POWER ELECTRONICS LAB	22	44	2
15A81A0263	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15A81A0265	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	53	3
15A81A0265	RT32022	SWITCHGEAR AND PROTECTION	24	44	3
15A81A0265	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	51	3
15A81A0265	RT32024	POWER SYSTEM ANALYSIS	30	46	3
15A81A0265	RT32025	MANAGEMENT SCIENCE	26	38	3
15A81A0265	RT32026	POWER SEMICONDUCTOR DRIVES	26	27	3
15A81A0265	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0265	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	34	3
15A81A0266	RT32022	SWITCHGEAR AND PROTECTION	20	19	0
15A81A0266	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	14	0
15A81A0266	RT32024	POWER SYSTEM ANALYSIS	25	24	3
15A81A0266	RT32025	MANAGEMENT SCIENCE	22	31	3
15A81A0266	RT32026	POWER SEMICONDUCTOR DRIVES	23	29	3
15A81A0266	RT32027	POWER ELECTRONICS LAB	20	46	2
15A81A0266	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15A81A0267	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	17	0
15A81A0267	RT32022	SWITCHGEAR AND PROTECTION	21	36	3
15A81A0267	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	15	0
15A81A0267	RT32024	POWER SYSTEM ANALYSIS	23	30	3
15A81A0267	RT32025	MANAGEMENT SCIENCE	22	39	3
15A81A0267	RT32026	POWER SEMICONDUCTOR DRIVES	25	24	3
15A81A0267	RT32027	POWER ELECTRONICS LAB	21	43	2
15A81A0267	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
15A81A0268	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	33	3
15A81A0268	RT32022	SWITCHGEAR AND PROTECTION	21	44	3
15A81A0268	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	47	3
15A81A0268	RT32024	POWER SYSTEM ANALYSIS	24	39	3
15A81A0268	RT32025	MANAGEMENT SCIENCE	24	3	0
15A81A0268	RT32026	POWER SEMICONDUCTOR DRIVES	25	39	3
15A81A0268	RT32027	POWER ELECTRONICS LAB	21	43	2
15A81A0268	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
15A81A0269	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	27	3
15A81A0269	RT32022	SWITCHGEAR AND PROTECTION	20	37	3
15A81A0269	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	47	3
15A81A0269	RT32024	POWER SYSTEM ANALYSIS	25	40	3
15A81A0269	RT32025	MANAGEMENT SCIENCE	23	40	3
15A81A0269	RT32026	POWER SEMICONDUCTOR DRIVES	24	11	0
15A81A0269	RT32027	POWER ELECTRONICS LAB	23	48	2
15A81A0269	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15A81A0270	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	40	3
15A81A0270	RT32022	SWITCHGEAR AND PROTECTION	21	34	3
15A81A0270	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	29	3
15A81A0270	RT32024	POWER SYSTEM ANALYSIS	25	28	3
15A81A0270	RT32025	MANAGEMENT SCIENCE	24	50	3
15A81A0270	RT32026	POWER SEMICONDUCTOR DRIVES	24	48	3
15A81A0270	RT32027	POWER ELECTRONICS LAB	24	49	2
15A81A0270	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0271	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
15A81A0271	RT32022	SWITCHGEAR AND PROTECTION	21	43	3
15A81A0271	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	10	0
15A81A0271	RT32024	POWER SYSTEM ANALYSIS	29	43	3
15A81A0271	RT32025	MANAGEMENT SCIENCE	24	40	3
15A81A0271	RT32026	POWER SEMICONDUCTOR DRIVES	26	40	3
15A81A0271	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0271	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0273	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	15	0
15A81A0273	RT32022	SWITCHGEAR AND PROTECTION	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0273	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	24	3
15A81A0273	RT32024	POWER SYSTEM ANALYSIS	28	31	3
15A81A0273	RT32025	MANAGEMENT SCIENCE	20	18	0
15A81A0273	RT32026	POWER SEMICONDUCTOR DRIVES	19	38	3
15A81A0273	RT32027	POWER ELECTRONICS LAB	24	47	2
15A81A0273	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0274	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	44	3
15A81A0274	RT32022	SWITCHGEAR AND PROTECTION	23	35	3
15A81A0274	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	38	3
15A81A0274	RT32024	POWER SYSTEM ANALYSIS	25	46	3
15A81A0274	RT32025	MANAGEMENT SCIENCE	18	43	3
15A81A0274	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
15A81A0274	RT32027	POWER ELECTRONICS LAB	23	49	2
15A81A0274	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
15A81A0275	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	36	3
15A81A0275	RT32022	SWITCHGEAR AND PROTECTION	22	36	3
15A81A0275	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	30	3
15A81A0275	RT32024	POWER SYSTEM ANALYSIS	25	26	3
15A81A0275	RT32025	MANAGEMENT SCIENCE	23	49	3
15A81A0275	RT32026	POWER SEMICONDUCTOR DRIVES	28	33	3
15A81A0275	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0275	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15A81A0276	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	16	0
15A81A0276	RT32022	SWITCHGEAR AND PROTECTION	23	56	3
15A81A0276	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	34	3
15A81A0276	RT32024	POWER SYSTEM ANALYSIS	26	44	3
15A81A0276	RT32025	MANAGEMENT SCIENCE	24	58	3
15A81A0276	RT32026	POWER SEMICONDUCTOR DRIVES	21	47	3
15A81A0276	RT32027	POWER ELECTRONICS LAB	22	48	2
15A81A0276	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0277	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	44	3
15A81A0277	RT32022	SWITCHGEAR AND PROTECTION	23	39	3
15A81A0277	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	38	3
15A81A0277	RT32024	POWER SYSTEM ANALYSIS	26	51	3
15A81A0277	RT32025	MANAGEMENT SCIENCE	22	36	3
15A81A0277	RT32026	POWER SEMICONDUCTOR DRIVES	21	41	3
15A81A0277	RT32027	POWER ELECTRONICS LAB	23	47	2
15A81A0277	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0278	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	64	3
15A81A0278	RT32022	SWITCHGEAR AND PROTECTION	23	36	3
15A81A0278	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	54	3
15A81A0278	RT32024	POWER SYSTEM ANALYSIS	29	47	3
15A81A0278	RT32025	MANAGEMENT SCIENCE	25	53	3
15A81A0278	RT32026	POWER SEMICONDUCTOR DRIVES	24	36	3
15A81A0278	RT32027	POWER ELECTRONICS LAB	24	48	2
15A81A0278	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15A81A0279	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	24	3
15A81A0279	RT32022	SWITCHGEAR AND PROTECTION	23	36	3
15A81A0279	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	26	3
15A81A0279	RT32024	POWER SYSTEM ANALYSIS	19	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0279	RT32025	MANAGEMENT SCIENCE	25	48	3
15A81A0279	RT32026	POWER SEMICONDUCTOR DRIVES	22	37	3
15A81A0279	RT32027	POWER ELECTRONICS LAB	22	48	2
15A81A0279	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
15A81A0280	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	2	0
15A81A0280	RT32022	SWITCHGEAR AND PROTECTION	15	5	0
15A81A0280	RT32023	UTILIZATION OF ELECTRICAL ENERGY	3	2	0
15A81A0280	RT32024	POWER SYSTEM ANALYSIS	17	5	0
15A81A0280	RT32025	MANAGEMENT SCIENCE	13	11	0
15A81A0280	RT32026	POWER SEMICONDUCTOR DRIVES	19	0	0
15A81A0280	RT32027	POWER ELECTRONICS LAB	18	38	2
15A81A0280	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
15A81A0301	RT32031	OPERATIONS RESEARCH	20	30	3
15A81A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
15A81A0301	RT32033	DESIGN OF MACHINE MEMBERS II	18	35	3
15A81A0301	RT32034	ROBOTICS	18	27	3
15A81A0301	RT32035	HEAT TRANSFER	23	14	0
15A81A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	14	0
15A81A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
15A81A0301	RT32038	HEAT TRANSFER LAB	18	23	2
15A81A0302	RT32031	OPERATIONS RESEARCH	24	19	0
15A81A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	27	3
15A81A0302	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
15A81A0302	RT32034	ROBOTICS	26	33	3
15A81A0302	RT32035	HEAT TRANSFER	23	28	3
15A81A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	50	3
15A81A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	24	38	3
15A81A0302	RT32038	HEAT TRANSFER LAB	22	36	2
15A81A0303	RT32031	OPERATIONS RESEARCH	13	30	3
15A81A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
15A81A0303	RT32033	DESIGN OF MACHINE MEMBERS II	18	42	3
15A81A0303	RT32034	ROBOTICS	23	35	3
15A81A0303	RT32035	HEAT TRANSFER	22	40	3
15A81A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	29	3
15A81A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
15A81A0303	RT32038	HEAT TRANSFER LAB	19	37	2
15A81A0304	RT32031	OPERATIONS RESEARCH	23	33	3
15A81A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	40	3
15A81A0304	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
15A81A0304	RT32034	ROBOTICS	24	53	3
15A81A0304	RT32035	HEAT TRANSFER	26	39	3
15A81A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	53	3
15A81A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	25	52	3
15A81A0304	RT32038	HEAT TRANSFER LAB	16	34	2
15A81A0305	RT32031	OPERATIONS RESEARCH	17	31	3
15A81A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	35	3
15A81A0305	RT32033	DESIGN OF MACHINE MEMBERS II	11	31	3
15A81A0305	RT32034	ROBOTICS	22	31	3
15A81A0305	RT32035	HEAT TRANSFER	25	11	0
15A81A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	3	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	17	13	0
15A81A0305	RT32038	HEAT TRANSFER LAB	12	27	2
15A81A0306	RT32031	OPERATIONS RESEARCH	19	27	3
15A81A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
15A81A0306	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
15A81A0306	RT32034	ROBOTICS	23	33	3
15A81A0306	RT32035	HEAT TRANSFER	27	17	0
15A81A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	24	3
15A81A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
15A81A0306	RT32038	HEAT TRANSFER LAB	21	37	2
15A81A0307	RT32031	OPERATIONS RESEARCH	13	15	0
15A81A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	15	0
15A81A0307	RT32033	DESIGN OF MACHINE MEMBERS II	12	14	0
15A81A0307	RT32034	ROBOTICS	18	35	3
15A81A0307	RT32035	HEAT TRANSFER	25	7	0
15A81A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	13	0
15A81A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
15A81A0307	RT32038	HEAT TRANSFER LAB	15	24	2
15A81A0308	RT32031	OPERATIONS RESEARCH	16	19	0
15A81A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
15A81A0308	RT32033	DESIGN OF MACHINE MEMBERS II	8	32	3
15A81A0308	RT32034	ROBOTICS	20	13	0
15A81A0308	RT32035	HEAT TRANSFER	22	33	3
15A81A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	30	3
15A81A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	17	7	0
15A81A0308	RT32038	HEAT TRANSFER LAB	15	28	2
15A81A0309	RT32031	OPERATIONS RESEARCH	14	29	3
15A81A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	9	0
15A81A0309	RT32033	DESIGN OF MACHINE MEMBERS II	13	16	0
15A81A0309	RT32034	ROBOTICS	22	17	0
15A81A0309	RT32035	HEAT TRANSFER	21	9	0
15A81A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	9	0
15A81A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	17	9	0
15A81A0309	RT32038	HEAT TRANSFER LAB	17	32	2
15A81A0310	RT32031	OPERATIONS RESEARCH	12	12	0
15A81A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	11	0
15A81A0310	RT32033	DESIGN OF MACHINE MEMBERS II	8	9	0
15A81A0310	RT32034	ROBOTICS	18	8	0
15A81A0310	RT32035	HEAT TRANSFER	15	0	0
15A81A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	0	0
15A81A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	11	0	0
15A81A0310	RT32038	HEAT TRANSFER LAB	12	6	0
15A81A0311	RT32031	OPERATIONS RESEARCH	14	5	0
15A81A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	4	0
15A81A0311	RT32033	DESIGN OF MACHINE MEMBERS II	12	9	0
15A81A0311	RT32034	ROBOTICS	18	24	3
15A81A0311	RT32035	HEAT TRANSFER	23	15	0
15A81A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	7	0
15A81A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	15	4	0
15A81A0311	RT32038	HEAT TRANSFER LAB	16	20	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0312	RT32031	OPERATIONS RESEARCH	19	9	0
15A81A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	6	0
15A81A0312	RT32033	DESIGN OF MACHINE MEMBERS II	11	6	0
15A81A0312	RT32034	ROBOTICS	20	27	3
15A81A0312	RT32035	HEAT TRANSFER	18	16	0
15A81A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
15A81A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	14	4	0
15A81A0312	RT32038	HEAT TRANSFER LAB	17	36	2
15A81A0313	RT32031	OPERATIONS RESEARCH	18	34	3
15A81A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	9	0
15A81A0313	RT32033	DESIGN OF MACHINE MEMBERS II	11	10	0
15A81A0313	RT32034	ROBOTICS	23	17	0
15A81A0313	RT32035	HEAT TRANSFER	19	9	0
15A81A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	12	0
15A81A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	11	0
15A81A0313	RT32038	HEAT TRANSFER LAB	21	35	2
15A81A0314	RT32031	OPERATIONS RESEARCH	24	32	3
15A81A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	35	3
15A81A0314	RT32033	DESIGN OF MACHINE MEMBERS II	21	37	3
15A81A0314	RT32034	ROBOTICS	24	34	3
15A81A0314	RT32035	HEAT TRANSFER	28	24	3
15A81A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	44	3
15A81A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	19	25	3
15A81A0314	RT32038	HEAT TRANSFER LAB	18	38	2
15A81A0315	RT32031	OPERATIONS RESEARCH	23	40	3
15A81A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	35	3
15A81A0315	RT32033	DESIGN OF MACHINE MEMBERS II	20	51	3
15A81A0315	RT32034	ROBOTICS	25	44	3
15A81A0315	RT32035	HEAT TRANSFER	25	47	3
15A81A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	45	3
15A81A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	17	42	3
15A81A0315	RT32038	HEAT TRANSFER LAB	17	31	2
15A81A0316	RT32031	OPERATIONS RESEARCH	21	38	3
15A81A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	50	3
15A81A0316	RT32033	DESIGN OF MACHINE MEMBERS II	24	38	3
15A81A0316	RT32034	ROBOTICS	23	56	3
15A81A0316	RT32035	HEAT TRANSFER	24	34	3
15A81A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	59	3
15A81A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	24	49	3
15A81A0316	RT32038	HEAT TRANSFER LAB	22	40	2
15A81A0317	RT32031	OPERATIONS RESEARCH	16	14	0
15A81A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	6	0
15A81A0317	RT32033	DESIGN OF MACHINE MEMBERS II	8	26	0
15A81A0317	RT32034	ROBOTICS	21	26	3
15A81A0317	RT32035	HEAT TRANSFER	20	11	0
15A81A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	24	3
15A81A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	19	12	0
15A81A0317	RT32038	HEAT TRANSFER LAB	19	26	2
15A81A0318	RT32031	OPERATIONS RESEARCH	15	17	0
15A81A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	27	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A0318	RT32033	DESIGN OF MACHINE MEMBERS II	11	12	0
15A81A0318	RT32034	ROBOTICS	21	31	3
15A81A0318	RT32035	HEAT TRANSFER	23	24	3
15A81A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	2	0
15A81A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	15	25	3
15A81A0318	RT32038	HEAT TRANSFER LAB	12	20	2
15A81A0319	RT32031	OPERATIONS RESEARCH	19	29	3
15A81A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15A81A0319	RT32033	DESIGN OF MACHINE MEMBERS II	10	34	3
15A81A0319	RT32034	ROBOTICS	22	40	3
15A81A0319	RT32035	HEAT TRANSFER	24	35	3
15A81A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	27	3
15A81A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15A81A0319	RT32038	HEAT TRANSFER LAB	13	11	0
15A81A0320	RT32031	OPERATIONS RESEARCH	24	39	3
15A81A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	52	3
15A81A0320	RT32033	DESIGN OF MACHINE MEMBERS II	24	48	3
15A81A0320	RT32034	ROBOTICS	26	64	3
15A81A0320	RT32035	HEAT TRANSFER	26	54	3
15A81A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	53	3
15A81A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	21	58	3
15A81A0320	RT32038	HEAT TRANSFER LAB	22	38	2
15A81A0321	RT32031	OPERATIONS RESEARCH	17	24	3
15A81A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
15A81A0321	RT32033	DESIGN OF MACHINE MEMBERS II	9	31	3
15A81A0321	RT32034	ROBOTICS	23	18	0
15A81A0321	RT32035	HEAT TRANSFER	26	18	0
15A81A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	12	0
15A81A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	19	5	0
15A81A0321	RT32038	HEAT TRANSFER LAB	18	28	2
15A81A0322	RT32031	OPERATIONS RESEARCH	15	10	0
15A81A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	8	0
15A81A0322	RT32033	DESIGN OF MACHINE MEMBERS II	13	6	0
15A81A0322	RT32034	ROBOTICS	22	16	0
15A81A0322	RT32035	HEAT TRANSFER	26	12	0
15A81A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	33	3
15A81A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	16	4	0
15A81A0322	RT32038	HEAT TRANSFER LAB	15	26	2
15A81A0323	RT32031	OPERATIONS RESEARCH	19	28	3
15A81A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	26	3
15A81A0323	RT32033	DESIGN OF MACHINE MEMBERS II	7	37	3
15A81A0323	RT32034	ROBOTICS	14	38	3
15A81A0323	RT32035	HEAT TRANSFER	21	30	3
15A81A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	27	3
15A81A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	18	8	0
15A81A0323	RT32038	HEAT TRANSFER LAB	19	35	2
15A81A0324	RT32031	OPERATIONS RESEARCH	19	39	3
15A81A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	10	0
15A81A0324	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
15A81A0324	RT32034	ROBOTICS	19	44	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0324	RT32035	HEAT TRANSFER	20	48	3
15A81A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	53	3
15A81A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	15	39	3
15A81A0324	RT32038	HEAT TRANSFER LAB	18	39	2
15A81A0325	RT32031	OPERATIONS RESEARCH	13	7	0
15A81A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	6	0
15A81A0325	RT32033	DESIGN OF MACHINE MEMBERS II	8	13	0
15A81A0325	RT32034	ROBOTICS	20	30	3
15A81A0325	RT32035	HEAT TRANSFER	22	17	0
15A81A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15A81A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	21	4	0
15A81A0325	RT32038	HEAT TRANSFER LAB	16	24	2
15A81A0326	RT32031	OPERATIONS RESEARCH	23	29	3
15A81A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	34	3
15A81A0326	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
15A81A0326	RT32034	ROBOTICS	25	48	3
15A81A0326	RT32035	HEAT TRANSFER	25	28	3
15A81A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	24	3
15A81A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	23	36	3
15A81A0326	RT32038	HEAT TRANSFER LAB	22	35	2
15A81A0327	RT32031	OPERATIONS RESEARCH	23	29	3
15A81A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
15A81A0327	RT32033	DESIGN OF MACHINE MEMBERS II	17	39	3
15A81A0327	RT32034	ROBOTICS	24	53	3
15A81A0327	RT32035	HEAT TRANSFER	24	41	3
15A81A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	32	3
15A81A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	20	33	3
15A81A0327	RT32038	HEAT TRANSFER LAB	21	40	2
15A81A0328	RT32031	OPERATIONS RESEARCH	17	30	3
15A81A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	53	3
15A81A0328	RT32033	DESIGN OF MACHINE MEMBERS II	18	35	3
15A81A0328	RT32034	ROBOTICS	23	54	3
15A81A0328	RT32035	HEAT TRANSFER	21	39	3
15A81A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	41	3
15A81A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	23	45	3
15A81A0328	RT32038	HEAT TRANSFER LAB	21	42	2
15A81A0329	RT32031	OPERATIONS RESEARCH	21	41	3
15A81A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
15A81A0329	RT32033	DESIGN OF MACHINE MEMBERS II	20	35	3
15A81A0329	RT32034	ROBOTICS	21	41	3
15A81A0329	RT32035	HEAT TRANSFER	22	34	3
15A81A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	13	0
15A81A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	16	16	0
15A81A0329	RT32038	HEAT TRANSFER LAB	18	31	2
15A81A0330	RT32031	OPERATIONS RESEARCH	21	28	3
15A81A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	39	3
15A81A0330	RT32033	DESIGN OF MACHINE MEMBERS II	18	38	3
15A81A0330	RT32034	ROBOTICS	25	36	3
15A81A0330	RT32035	HEAT TRANSFER	28	24	3
15A81A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	21	29	3
15A81A0330	RT32038	HEAT TRANSFER LAB	15	25	2
15A81A0332	RT32031	OPERATIONS RESEARCH	19	34	3
15A81A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
15A81A0332	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
15A81A0332	RT32034	ROBOTICS	18	34	3
15A81A0332	RT32035	HEAT TRANSFER	18	38	3
15A81A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	27	3
15A81A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	16	27	3
15A81A0332	RT32038	HEAT TRANSFER LAB	16	22	2
15A81A0333	RT32031	OPERATIONS RESEARCH	18	24	3
15A81A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
15A81A0333	RT32033	DESIGN OF MACHINE MEMBERS II	18	18	0
15A81A0333	RT32034	ROBOTICS	20	30	3
15A81A0333	RT32035	HEAT TRANSFER	20	14	0
15A81A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
15A81A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	17	17	0
15A81A0333	RT32038	HEAT TRANSFER LAB	18	22	2
15A81A0334	RT32031	OPERATIONS RESEARCH	21	43	3
15A81A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	44	3
15A81A0334	RT32033	DESIGN OF MACHINE MEMBERS II	20	36	3
15A81A0334	RT32034	ROBOTICS	21	38	3
15A81A0334	RT32035	HEAT TRANSFER	22	34	3
15A81A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	44	3
15A81A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
15A81A0334	RT32038	HEAT TRANSFER LAB	17	30	2
15A81A0335	RT32031	OPERATIONS RESEARCH	18	37	3
15A81A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	32	3
15A81A0335	RT32033	DESIGN OF MACHINE MEMBERS II	15	40	3
15A81A0335	RT32034	ROBOTICS	26	37	3
15A81A0335	RT32035	HEAT TRANSFER	21	24	3
15A81A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	55	3
15A81A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	22	38	3
15A81A0335	RT32038	HEAT TRANSFER LAB	15	34	2
15A81A0336	RT32031	OPERATIONS RESEARCH	16	33	3
15A81A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	31	3
15A81A0336	RT32033	DESIGN OF MACHINE MEMBERS II	10	44	3
15A81A0336	RT32034	ROBOTICS	22	41	3
15A81A0336	RT32035	HEAT TRANSFER	13	27	3
15A81A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	30	3
15A81A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	11	30	3
15A81A0336	RT32038	HEAT TRANSFER LAB	13	26	2
15A81A0338	RT32031	OPERATIONS RESEARCH	16	27	3
15A81A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
15A81A0338	RT32033	DESIGN OF MACHINE MEMBERS II	18	26	3
15A81A0338	RT32034	ROBOTICS	20	42	3
15A81A0338	RT32035	HEAT TRANSFER	16	19	0
15A81A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	31	3
15A81A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	18	24	3
15A81A0338	RT32038	HEAT TRANSFER LAB	13	23	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0339	RT32031	OPERATIONS RESEARCH	16	28	3
15A81A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	31	3
15A81A0339	RT32033	DESIGN OF MACHINE MEMBERS II	14	26	3
15A81A0339	RT32034	ROBOTICS	23	35	3
15A81A0339	RT32035	HEAT TRANSFER	13	12	0
15A81A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
15A81A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	12	21	0
15A81A0339	RT32038	HEAT TRANSFER LAB	17	35	2
15A81A0340	RT32031	OPERATIONS RESEARCH	22	38	3
15A81A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	33	3
15A81A0340	RT32033	DESIGN OF MACHINE MEMBERS II	25	46	3
15A81A0340	RT32034	ROBOTICS	23	43	3
15A81A0340	RT32035	HEAT TRANSFER	29	30	3
15A81A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	51	3
15A81A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	23	44	3
15A81A0340	RT32038	HEAT TRANSFER LAB	23	44	2
15A81A0342	RT32031	OPERATIONS RESEARCH	17	30	3
15A81A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	36	3
15A81A0342	RT32033	DESIGN OF MACHINE MEMBERS II	17	49	3
15A81A0342	RT32034	ROBOTICS	25	55	3
15A81A0342	RT32035	HEAT TRANSFER	23	39	3
15A81A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	38	3
15A81A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	13	35	3
15A81A0342	RT32038	HEAT TRANSFER LAB	17	24	2
15A81A0343	RT32031	OPERATIONS RESEARCH	21	39	3
15A81A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	36	3
15A81A0343	RT32033	DESIGN OF MACHINE MEMBERS II	19	36	3
15A81A0343	RT32034	ROBOTICS	25	43	3
15A81A0343	RT32035	HEAT TRANSFER	28	36	3
15A81A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	47	3
15A81A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	23	31	3
15A81A0343	RT32038	HEAT TRANSFER LAB	22	38	2
15A81A0344	RT32031	OPERATIONS RESEARCH	15	40	3
15A81A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	36	3
15A81A0344	RT32033	DESIGN OF MACHINE MEMBERS II	16	26	3
15A81A0344	RT32034	ROBOTICS	22	32	3
15A81A0344	RT32035	HEAT TRANSFER	24	24	3
15A81A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	27	3
15A81A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
15A81A0344	RT32038	HEAT TRANSFER LAB	20	40	2
15A81A0345	RT32031	OPERATIONS RESEARCH	18	25	3
15A81A0345	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	28	3
15A81A0345	RT32033	DESIGN OF MACHINE MEMBERS II	21	28	3
15A81A0345	RT32034	ROBOTICS	24	34	3
15A81A0345	RT32035	HEAT TRANSFER	22	31	3
15A81A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	33	3
15A81A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
15A81A0345	RT32038	HEAT TRANSFER LAB	18	38	2
15A81A0346	RT32031	OPERATIONS RESEARCH	20	33	3
15A81A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	32	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0346	RT32033	DESIGN OF MACHINE MEMBERS II	17	44	3
15A81A0346	RT32034	ROBOTICS	25	54	3
15A81A0346	RT32035	HEAT TRANSFER	19	28	3
15A81A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	38	3
15A81A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	9	3	0
15A81A0346	RT32038	HEAT TRANSFER LAB	17	34	2
15A81A0347	RT32031	OPERATIONS RESEARCH	22	38	3
15A81A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	37	3
15A81A0347	RT32033	DESIGN OF MACHINE MEMBERS II	19	35	3
15A81A0347	RT32034	ROBOTICS	28	51	3
15A81A0347	RT32035	HEAT TRANSFER	20	46	3
15A81A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	52	3
15A81A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	16	43	3
15A81A0347	RT32038	HEAT TRANSFER LAB	15	26	2
15A81A0348	RT32031	OPERATIONS RESEARCH	17	24	3
15A81A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
15A81A0348	RT32033	DESIGN OF MACHINE MEMBERS II	15	28	3
15A81A0348	RT32034	ROBOTICS	21	35	3
15A81A0348	RT32035	HEAT TRANSFER	21	27	3
15A81A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
15A81A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	19	38	3
15A81A0348	RT32038	HEAT TRANSFER LAB	15	34	2
15A81A0349	RT32031	OPERATIONS RESEARCH	17	26	3
15A81A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
15A81A0349	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15A81A0349	RT32034	ROBOTICS	19	36	3
15A81A0349	RT32035	HEAT TRANSFER	19	30	3
15A81A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	3	0
15A81A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	25	33	3
15A81A0349	RT32038	HEAT TRANSFER LAB	15	34	2
15A81A0351	RT32031	OPERATIONS RESEARCH	17	24	3
15A81A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	26	3
15A81A0351	RT32033	DESIGN OF MACHINE MEMBERS II	16	14	0
15A81A0351	RT32034	ROBOTICS	21	42	3
15A81A0351	RT32035	HEAT TRANSFER	22	30	3
15A81A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
15A81A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	21	26	3
15A81A0351	RT32038	HEAT TRANSFER LAB	19	37	2
15A81A0353	RT32031	OPERATIONS RESEARCH	20	37	3
15A81A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	34	3
15A81A0353	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
15A81A0353	RT32034	ROBOTICS	23	49	3
15A81A0353	RT32035	HEAT TRANSFER	16	34	3
15A81A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	46	3
15A81A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	19	31	3
15A81A0353	RT32038	HEAT TRANSFER LAB	18	37	2
15A81A0355	RT32031	OPERATIONS RESEARCH	16	15	0
15A81A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	16	0
15A81A0355	RT32033	DESIGN OF MACHINE MEMBERS II	20	32	3
15A81A0355	RT32034	ROBOTICS	24	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0355	RT32035	HEAT TRANSFER	21	9	0
15A81A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	10	0
15A81A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	15	25	3
15A81A0355	RT32038	HEAT TRANSFER LAB	15	29	2
15A81A0356	RT32031	OPERATIONS RESEARCH	22	24	3
15A81A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	31	3
15A81A0356	RT32033	DESIGN OF MACHINE MEMBERS II	21	15	0
15A81A0356	RT32034	ROBOTICS	25	34	3
15A81A0356	RT32035	HEAT TRANSFER	25	30	3
15A81A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	39	3
15A81A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
15A81A0356	RT32038	HEAT TRANSFER LAB	22	39	2
15A81A0358	RT32031	OPERATIONS RESEARCH	18	24	3
15A81A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	25	3
15A81A0358	RT32033	DESIGN OF MACHINE MEMBERS II	16	29	3
15A81A0358	RT32034	ROBOTICS	24	35	3
15A81A0358	RT32035	HEAT TRANSFER	23	32	3
15A81A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	40	3
15A81A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
15A81A0358	RT32038	HEAT TRANSFER LAB	17	24	2
15A81A0360	RT32031	OPERATIONS RESEARCH	21	33	3
15A81A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	35	3
15A81A0360	RT32033	DESIGN OF MACHINE MEMBERS II	19	38	3
15A81A0360	RT32034	ROBOTICS	24	47	3
15A81A0360	RT32035	HEAT TRANSFER	21	24	3
15A81A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	53	3
15A81A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	23	45	3
15A81A0360	RT32038	HEAT TRANSFER LAB	19	37	2
15A81A0362	RT32031	OPERATIONS RESEARCH	17	24	3
15A81A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
15A81A0362	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
15A81A0362	RT32034	ROBOTICS	24	27	3
15A81A0362	RT32035	HEAT TRANSFER	16	12	0
15A81A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	16	0
15A81A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
15A81A0362	RT32038	HEAT TRANSFER LAB	18	28	2
15A81A0363	RT32031	OPERATIONS RESEARCH	13	27	3
15A81A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
15A81A0363	RT32033	DESIGN OF MACHINE MEMBERS II	17	11	0
15A81A0363	RT32034	ROBOTICS	22	29	3
15A81A0363	RT32035	HEAT TRANSFER	14	29	3
15A81A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	2	0
15A81A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	17	11	0
15A81A0363	RT32038	HEAT TRANSFER LAB	16	27	2
15A81A0365	RT32031	OPERATIONS RESEARCH	16	28	3
15A81A0365	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15A81A0365	RT32033	DESIGN OF MACHINE MEMBERS II	15	18	0
15A81A0365	RT32034	ROBOTICS	17	50	3
15A81A0365	RT32035	HEAT TRANSFER	18	32	3
15A81A0365	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0365	RT32037A	REFRIGERATION & AIR CONDITIONING	17	47	3
15A81A0365	RT32038	HEAT TRANSFER LAB	20	29	2
15A81A0369	RT32031	OPERATIONS RESEARCH	19	37	3
15A81A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	40	3
15A81A0369	RT32033	DESIGN OF MACHINE MEMBERS II	18	31	3
15A81A0369	RT32034	ROBOTICS	22	38	3
15A81A0369	RT32035	HEAT TRANSFER	19	24	3
15A81A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	46	3
15A81A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	19	33	3
15A81A0369	RT32038	HEAT TRANSFER LAB	21	38	2
15A81A0370	RT32031	OPERATIONS RESEARCH	16	37	3
15A81A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	41	3
15A81A0370	RT32033	DESIGN OF MACHINE MEMBERS II	17	37	3
15A81A0370	RT32034	ROBOTICS	17	37	3
15A81A0370	RT32035	HEAT TRANSFER	17	0	0
15A81A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	27	3
15A81A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15A81A0370	RT32038	HEAT TRANSFER LAB	19	39	2
15A81A0373	RT32031	OPERATIONS RESEARCH	24	30	3
15A81A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	26	3
15A81A0373	RT32033	DESIGN OF MACHINE MEMBERS II	20	17	0
15A81A0373	RT32034	ROBOTICS	25	33	3
15A81A0373	RT32035	HEAT TRANSFER	25	24	3
15A81A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	35	3
15A81A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	21	25	3
15A81A0373	RT32038	HEAT TRANSFER LAB	23	39	2
15A81A0374	RT32031	OPERATIONS RESEARCH	11	0	0
15A81A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	0	0
15A81A0374	RT32033	DESIGN OF MACHINE MEMBERS II	9	1	0
15A81A0374	RT32034	ROBOTICS	18	8	0
15A81A0374	RT32035	HEAT TRANSFER	13	0	0
15A81A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	3	0
15A81A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
15A81A0374	RT32038	HEAT TRANSFER LAB	16	28	2
15A81A0375	RT32031	OPERATIONS RESEARCH	16	34	3
15A81A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	14	0
15A81A0375	RT32033	DESIGN OF MACHINE MEMBERS II	19	33	3
15A81A0375	RT32034	ROBOTICS	23	48	3
15A81A0375	RT32035	HEAT TRANSFER	20	43	3
15A81A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	13	0
15A81A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	20	16	0
15A81A0375	RT32038	HEAT TRANSFER LAB	16	34	2
15A81A0377	RT32031	OPERATIONS RESEARCH	12	28	3
15A81A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	9	0
15A81A0377	RT32033	DESIGN OF MACHINE MEMBERS II	21	30	3
15A81A0377	RT32034	ROBOTICS	22	26	3
15A81A0377	RT32035	HEAT TRANSFER	22	24	3
15A81A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	17	0
15A81A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	18	17	0
15A81A0377	RT32038	HEAT TRANSFER LAB	18	25	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0378	RT32031	OPERATIONS RESEARCH	17	44	3
15A81A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	35	3
15A81A0378	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
15A81A0378	RT32034	ROBOTICS	26	35	3
15A81A0378	RT32035	HEAT TRANSFER	22	29	3
15A81A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	39	3
15A81A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
15A81A0378	RT32038	HEAT TRANSFER LAB	21	39	2
15A81A0380	RT32031	OPERATIONS RESEARCH	21	43	3
15A81A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	42	3
15A81A0380	RT32033	DESIGN OF MACHINE MEMBERS II	20	50	3
15A81A0380	RT32034	ROBOTICS	25	59	3
15A81A0380	RT32035	HEAT TRANSFER	28	45	3
15A81A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	46	3
15A81A0380	RT32037A	REFRIGERATION & AIR CONDITIONING	24	53	3
15A81A0380	RT32038	HEAT TRANSFER LAB	24	45	2
15A81A0381	RT32031	OPERATIONS RESEARCH	19	35	3
15A81A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	35	3
15A81A0381	RT32033	DESIGN OF MACHINE MEMBERS II	22	41	3
15A81A0381	RT32034	ROBOTICS	24	51	3
15A81A0381	RT32035	HEAT TRANSFER	17	38	3
15A81A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	43	3
15A81A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
15A81A0381	RT32038	HEAT TRANSFER LAB	21	27	2
15A81A0382	RT32031	OPERATIONS RESEARCH	16	27	3
15A81A0382	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	28	3
15A81A0382	RT32033	DESIGN OF MACHINE MEMBERS II	9	35	3
15A81A0382	RT32034	ROBOTICS	13	34	3
15A81A0382	RT32035	HEAT TRANSFER	18	24	3
15A81A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
15A81A0382	RT32037A	REFRIGERATION & AIR CONDITIONING	10	34	3
15A81A0382	RT32038	HEAT TRANSFER LAB	20	35	2
15A81A0383	RT32031	OPERATIONS RESEARCH	10	11	0
15A81A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	27	3
15A81A0383	RT32033	DESIGN OF MACHINE MEMBERS II	17	7	0
15A81A0383	RT32034	ROBOTICS	20	19	0
15A81A0383	RT32035	HEAT TRANSFER	17	0	0
15A81A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	7	0
15A81A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	21	3	0
15A81A0383	RT32038	HEAT TRANSFER LAB	17	24	2
15A81A0384	RT32031	OPERATIONS RESEARCH	13	16	0
15A81A0384	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	15	0
15A81A0384	RT32033	DESIGN OF MACHINE MEMBERS II	22	28	3
15A81A0384	RT32034	ROBOTICS	22	32	3
15A81A0384	RT32035	HEAT TRANSFER	22	27	3
15A81A0384	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	29	3
15A81A0384	RT32037A	REFRIGERATION & AIR CONDITIONING	20	14	0
15A81A0384	RT32038	HEAT TRANSFER LAB	16	24	2
15A81A0385	RT32031	OPERATIONS RESEARCH	16	27	3
15A81A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A0385	RT32033	DESIGN OF MACHINE MEMBERS II	19	16	0
15A81A0385	RT32034	ROBOTICS	19	35	3
15A81A0385	RT32035	HEAT TRANSFER	21	7	0
15A81A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	37	3
15A81A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
15A81A0385	RT32038	HEAT TRANSFER LAB	19	24	2
15A81A0386	RT32031	OPERATIONS RESEARCH	24	51	3
15A81A0386	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	40	3
15A81A0386	RT32033	DESIGN OF MACHINE MEMBERS II	28	37	3
15A81A0386	RT32034	ROBOTICS	26	38	3
15A81A0386	RT32035	HEAT TRANSFER	28	34	3
15A81A0386	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	38	3
15A81A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	26	49	3
15A81A0386	RT32038	HEAT TRANSFER LAB	24	45	2
15A81A0389	RT32031	OPERATIONS RESEARCH	22	35	3
15A81A0389	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	29	3
15A81A0389	RT32033	DESIGN OF MACHINE MEMBERS II	22	7	0
15A81A0389	RT32034	ROBOTICS	22	33	3
15A81A0389	RT32035	HEAT TRANSFER	24	15	0
15A81A0389	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15A81A0389	RT32037A	REFRIGERATION & AIR CONDITIONING	22	13	0
15A81A0389	RT32038	HEAT TRANSFER LAB	25	36	2
15A81A0391	RT32031	OPERATIONS RESEARCH	20	29	3
15A81A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
15A81A0391	RT32033	DESIGN OF MACHINE MEMBERS II	23	32	3
15A81A0391	RT32034	ROBOTICS	25	36	3
15A81A0391	RT32035	HEAT TRANSFER	26	37	3
15A81A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	38	3
15A81A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	21	45	3
15A81A0391	RT32038	HEAT TRANSFER LAB	22	28	2
15A81A0392	RT32031	OPERATIONS RESEARCH	24	38	3
15A81A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	37	3
15A81A0392	RT32033	DESIGN OF MACHINE MEMBERS II	27	46	3
15A81A0392	RT32034	ROBOTICS	25	54	3
15A81A0392	RT32035	HEAT TRANSFER	26	45	3
15A81A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	59	3
15A81A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	26	49	3
15A81A0392	RT32038	HEAT TRANSFER LAB	24	32	2
15A81A0393	RT32031	OPERATIONS RESEARCH	21	24	3
15A81A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	3	0
15A81A0393	RT32033	DESIGN OF MACHINE MEMBERS II	18	17	0
15A81A0393	RT32034	ROBOTICS	26	24	3
15A81A0393	RT32035	HEAT TRANSFER	19	13	0
15A81A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
15A81A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	20	5	0
15A81A0393	RT32038	HEAT TRANSFER LAB	23	30	2
15A81A0394	RT32031	OPERATIONS RESEARCH	22	43	3
15A81A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	38	3
15A81A0394	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
15A81A0394	RT32034	ROBOTICS	26	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0394	RT32035	HEAT TRANSFER	22	32	3
15A81A0394	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	62	3
15A81A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	22	39	3
15A81A0394	RT32038	HEAT TRANSFER LAB	21	40	2
15A81A0395	RT32031	OPERATIONS RESEARCH	14	8	0
15A81A0395	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
15A81A0395	RT32033	DESIGN OF MACHINE MEMBERS II	20	24	3
15A81A0395	RT32034	ROBOTICS	16	28	3
15A81A0395	RT32035	HEAT TRANSFER	19	11	0
15A81A0395	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	26	3
15A81A0395	RT32037A	REFRIGERATION & AIR CONDITIONING	20	5	0
15A81A0395	RT32038	HEAT TRANSFER LAB	16	23	2
15A81A0396	RT32031	OPERATIONS RESEARCH	23	45	3
15A81A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	44	3
15A81A0396	RT32033	DESIGN OF MACHINE MEMBERS II	25	34	3
15A81A0396	RT32034	ROBOTICS	26	55	3
15A81A0396	RT32035	HEAT TRANSFER	23	51	3
15A81A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	54	3
15A81A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	22	45	3
15A81A0396	RT32038	HEAT TRANSFER LAB	19	34	2
15A81A0397	RT32031	OPERATIONS RESEARCH	17	35	3
15A81A0397	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	42	3
15A81A0397	RT32033	DESIGN OF MACHINE MEMBERS II	23	30	3
15A81A0397	RT32034	ROBOTICS	24	36	3
15A81A0397	RT32035	HEAT TRANSFER	22	24	3
15A81A0397	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	38	3
15A81A0397	RT32037A	REFRIGERATION & AIR CONDITIONING	21	16	0
15A81A0397	RT32038	HEAT TRANSFER LAB	20	32	2
15A81A0398	RT32031	OPERATIONS RESEARCH	21	39	3
15A81A0398	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	40	3
15A81A0398	RT32033	DESIGN OF MACHINE MEMBERS II	29	47	3
15A81A0398	RT32034	ROBOTICS	25	44	3
15A81A0398	RT32035	HEAT TRANSFER	29	15	0
15A81A0398	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	63	3
15A81A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	26	36	3
15A81A0398	RT32038	HEAT TRANSFER LAB	25	46	2
15A81A0399	RT32031	OPERATIONS RESEARCH	21	40	3
15A81A0399	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	38	3
15A81A0399	RT32033	DESIGN OF MACHINE MEMBERS II	23	39	3
15A81A0399	RT32034	ROBOTICS	22	46	3
15A81A0399	RT32035	HEAT TRANSFER	26	37	3
15A81A0399	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	50	3
15A81A0399	RT32037A	REFRIGERATION & AIR CONDITIONING	21	29	3
15A81A0399	RT32038	HEAT TRANSFER LAB	21	33	2
15A81A03A0	RT32031	OPERATIONS RESEARCH	24	42	3
15A81A03A0	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	42	3
15A81A03A0	RT32033	DESIGN OF MACHINE MEMBERS II	21	40	3
15A81A03A0	RT32034	ROBOTICS	25	47	3
15A81A03A0	RT32035	HEAT TRANSFER	25	38	3
15A81A03A0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	48	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A03A0	RT32037A	REFRIGERATION & AIR CONDITIONING	26	60	3
15A81A03A0	RT32038	HEAT TRANSFER LAB	24	42	2
15A81A03A1	RT32031	OPERATIONS RESEARCH	14	44	3
15A81A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	16	0
15A81A03A1	RT32033	DESIGN OF MACHINE MEMBERS II	14	17	0
15A81A03A1	RT32034	ROBOTICS	15	27	3
15A81A03A1	RT32035	HEAT TRANSFER	20	24	3
15A81A03A1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	17	0
15A81A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	16	18	0
15A81A03A1	RT32038	HEAT TRANSFER LAB	21	29	2
15A81A03A2	RT32031	OPERATIONS RESEARCH	19	37	3
15A81A03A2	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	43	3
15A81A03A2	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
15A81A03A2	RT32034	ROBOTICS	22	31	3
15A81A03A2	RT32035	HEAT TRANSFER	22	15	0
15A81A03A2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	32	3
15A81A03A2	RT32037A	REFRIGERATION & AIR CONDITIONING	19	29	3
15A81A03A2	RT32038	HEAT TRANSFER LAB	16	27	2
15A81A03A3	RT32031	OPERATIONS RESEARCH	13	3	0
15A81A03A3	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	24	3
15A81A03A3	RT32033	DESIGN OF MACHINE MEMBERS II	21	17	0
15A81A03A3	RT32034	ROBOTICS	20	32	3
15A81A03A3	RT32035	HEAT TRANSFER	23	24	3
15A81A03A3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
15A81A03A3	RT32037A	REFRIGERATION & AIR CONDITIONING	20	11	0
15A81A03A3	RT32038	HEAT TRANSFER LAB	19	26	2
15A81A03A4	RT32031	OPERATIONS RESEARCH	18	24	3
15A81A03A4	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	25	3
15A81A03A4	RT32033	DESIGN OF MACHINE MEMBERS II	22	32	3
15A81A03A4	RT32034	ROBOTICS	23	38	3
15A81A03A4	RT32035	HEAT TRANSFER	25	17	0
15A81A03A4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	36	3
15A81A03A4	RT32037A	REFRIGERATION & AIR CONDITIONING	21	36	3
15A81A03A4	RT32038	HEAT TRANSFER LAB	16	18	2
15A81A03A5	RT32031	OPERATIONS RESEARCH	16	18	0
15A81A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
15A81A03A5	RT32033	DESIGN OF MACHINE MEMBERS II	21	8	0
15A81A03A5	RT32034	ROBOTICS	18	16	0
15A81A03A5	RT32035	HEAT TRANSFER	24	9	0
15A81A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	12	0
15A81A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	25	0	0
15A81A03A5	RT32038	HEAT TRANSFER LAB	16	13	0
15A81A03A6	RT32031	OPERATIONS RESEARCH	23	34	3
15A81A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	29	3
15A81A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	22	26	3
15A81A03A6	RT32034	ROBOTICS	21	40	3
15A81A03A6	RT32035	HEAT TRANSFER	25	15	0
15A81A03A6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	33	3
15A81A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	23	37	3
15A81A03A6	RT32038	HEAT TRANSFER LAB	20	33	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A03A7	RT32031	OPERATIONS RESEARCH	21	30	3
15A81A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15A81A03A7	RT32033	DESIGN OF MACHINE MEMBERS II	21	29	3
15A81A03A7	RT32034	ROBOTICS	23	56	3
15A81A03A7	RT32035	HEAT TRANSFER	24	44	3
15A81A03A7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	29	3
15A81A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	23	27	3
15A81A03A7	RT32038	HEAT TRANSFER LAB	19	36	2
15A81A03A8	RT32031	OPERATIONS RESEARCH	26	49	3
15A81A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	50	3
15A81A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	27	46	3
15A81A03A8	RT32034	ROBOTICS	26	56	3
15A81A03A8	RT32035	HEAT TRANSFER	30	49	3
15A81A03A8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	56	3
15A81A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	26	56	3
15A81A03A8	RT32038	HEAT TRANSFER LAB	24	48	2
15A81A03B1	RT32031	OPERATIONS RESEARCH	23	49	3
15A81A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	16	0
15A81A03B1	RT32033	DESIGN OF MACHINE MEMBERS II	24	42	3
15A81A03B1	RT32034	ROBOTICS	24	31	3
15A81A03B1	RT32035	HEAT TRANSFER	30	24	3
15A81A03B1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	39	3
15A81A03B1	RT32037A	REFRIGERATION & AIR CONDITIONING	26	51	3
15A81A03B1	RT32038	HEAT TRANSFER LAB	24	47	2
15A81A03B2	RT32031	OPERATIONS RESEARCH	5	21	0
15A81A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
15A81A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	15	15	0
15A81A03B2	RT32034	ROBOTICS	20	31	3
15A81A03B2	RT32035	HEAT TRANSFER	14	18	0
15A81A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	35	3
15A81A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
15A81A03B2	RT32038	HEAT TRANSFER LAB	15	-1	0
15A81A03B3	RT32031	OPERATIONS RESEARCH	14	30	3
15A81A03B3	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	31	3
15A81A03B3	RT32033	DESIGN OF MACHINE MEMBERS II	13	32	3
15A81A03B3	RT32034	ROBOTICS	22	61	3
15A81A03B3	RT32035	HEAT TRANSFER	13	19	0
15A81A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	27	3
15A81A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	20	14	0
15A81A03B3	RT32038	HEAT TRANSFER LAB	16	11	0
15A81A03B4	RT32031	OPERATIONS RESEARCH	17	33	3
15A81A03B4	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15A81A03B4	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
15A81A03B4	RT32034	ROBOTICS	25	43	3
15A81A03B4	RT32035	HEAT TRANSFER	16	35	3
15A81A03B4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	41	3
15A81A03B4	RT32037A	REFRIGERATION & AIR CONDITIONING	22	43	3
15A81A03B4	RT32038	HEAT TRANSFER LAB	16	27	2
15A81A03B5	RT32031	OPERATIONS RESEARCH	20	27	3
15A81A03B5	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A03B5	RT32033	DESIGN OF MACHINE MEMBERS II	17	34	3
15A81A03B5	RT32034	ROBOTICS	23	33	3
15A81A03B5	RT32035	HEAT TRANSFER	22	16	0
15A81A03B5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
15A81A03B5	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
15A81A03B5	RT32038	HEAT TRANSFER LAB	16	34	2
15A81A03B6	RT32031	OPERATIONS RESEARCH	17	14	0
15A81A03B6	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	27	3
15A81A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	14	4	0
15A81A03B6	RT32034	ROBOTICS	19	30	3
15A81A03B6	RT32035	HEAT TRANSFER	18	11	0
15A81A03B6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	14	0
15A81A03B6	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
15A81A03B6	RT32038	HEAT TRANSFER LAB	16	21	2
15A81A03B7	RT32031	OPERATIONS RESEARCH	19	15	0
15A81A03B7	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15A81A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
15A81A03B7	RT32034	ROBOTICS	23	38	3
15A81A03B7	RT32035	HEAT TRANSFER	14	26	3
15A81A03B7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	39	3
15A81A03B7	RT32037A	REFRIGERATION & AIR CONDITIONING	22	36	3
15A81A03B7	RT32038	HEAT TRANSFER LAB	20	20	2
15A81A03B8	RT32031	OPERATIONS RESEARCH	13	27	3
15A81A03B8	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15A81A03B8	RT32033	DESIGN OF MACHINE MEMBERS II	15	20	0
15A81A03B8	RT32034	ROBOTICS	21	28	3
15A81A03B8	RT32035	HEAT TRANSFER	12	22	0
15A81A03B8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	14	0
15A81A03B8	RT32037A	REFRIGERATION & AIR CONDITIONING	19	12	0
15A81A03B8	RT32038	HEAT TRANSFER LAB	16	30	2
15A81A03B9	RT32031	OPERATIONS RESEARCH	15	28	3
15A81A03B9	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	2	0
15A81A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	15	26	3
15A81A03B9	RT32034	ROBOTICS	22	17	0
15A81A03B9	RT32035	HEAT TRANSFER	14	8	0
15A81A03B9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	18	0
15A81A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	18	9	0
15A81A03B9	RT32038	HEAT TRANSFER LAB	18	18	2
15A81A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	17	0
15A81A0401	RT32042	DIGITAL SIGNAL PROCESSING	18	31	3
15A81A0401	RT32043	DIGITAL COMMUNICATIONS	19	28	3
15A81A0401	RT32044	MICROWAVE ENGINEERING	21	24	3
15A81A0401	RT32045A	BIO MEDICAL ENGINEERING	14	30	3
15A81A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A81A0401	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15A81A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A0401	RT32049	SEMINAR	32	0	1
15A81A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
15A81A0402	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
15A81A0402	RT32043	DIGITAL COMMUNICATIONS	21	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0402	RT32044	MICROWAVE ENGINEERING	16	28	3
15A81A0402	RT32045A	BIO MEDICAL ENGINEERING	15	17	0
15A81A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	43	2
15A81A0402	RT32047	DIGITAL COMMUNICATIONS LAB	17	38	2
15A81A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	34	2
15A81A0402	RT32049	SEMINAR	25	0	1
15A81A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	40	3
15A81A0403	RT32042	DIGITAL SIGNAL PROCESSING	22	26	3
15A81A0403	RT32043	DIGITAL COMMUNICATIONS	21	35	3
15A81A0403	RT32044	MICROWAVE ENGINEERING	19	29	3
15A81A0403	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15A81A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A0403	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15A81A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A0403	RT32049	SEMINAR	45	0	1
15A81A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	24	3
15A81A0404	RT32042	DIGITAL SIGNAL PROCESSING	21	45	3
15A81A0404	RT32043	DIGITAL COMMUNICATIONS	26	33	3
15A81A0404	RT32044	MICROWAVE ENGINEERING	18	28	3
15A81A0404	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
15A81A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A0404	RT32047	DIGITAL COMMUNICATIONS LAB	25	44	2
15A81A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15A81A0404	RT32049	SEMINAR	47	0	1
15A81A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	34	3
15A81A0405	RT32042	DIGITAL SIGNAL PROCESSING	17	33	3
15A81A0405	RT32043	DIGITAL COMMUNICATIONS	27	48	3
15A81A0405	RT32044	MICROWAVE ENGINEERING	27	28	3
15A81A0405	RT32045A	BIO MEDICAL ENGINEERING	21	40	3
15A81A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15A81A0405	RT32047	DIGITAL COMMUNICATIONS LAB	19	46	2
15A81A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A0405	RT32049	SEMINAR	28	0	1
15A81A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	14	0
15A81A0406	RT32042	DIGITAL SIGNAL PROCESSING	16	12	0
15A81A0406	RT32043	DIGITAL COMMUNICATIONS	13	9	0
15A81A0406	RT32044	MICROWAVE ENGINEERING	16	0	0
15A81A0406	RT32045A	BIO MEDICAL ENGINEERING	14	24	0
15A81A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	2	-1	0
15A81A0406	RT32047	DIGITAL COMMUNICATIONS LAB	4	-1	0
15A81A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	42	2
15A81A0406	RT32049	SEMINAR	27	0	1
15A81A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
15A81A0407	RT32042	DIGITAL SIGNAL PROCESSING	19	26	3
15A81A0407	RT32043	DIGITAL COMMUNICATIONS	21	27	3
15A81A0407	RT32044	MICROWAVE ENGINEERING	19	33	3
15A81A0407	RT32045A	BIO MEDICAL ENGINEERING	16	29	3
15A81A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	41	2
15A81A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
15A81A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	33	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0407	RT32049	SEMINAR	47	0	1
15A81A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	41	3
15A81A0408	RT32042	DIGITAL SIGNAL PROCESSING	26	40	3
15A81A0408	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15A81A0408	RT32044	MICROWAVE ENGINEERING	22	33	3
15A81A0408	RT32045A	BIO MEDICAL ENGINEERING	19	44	3
15A81A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15A81A0408	RT32047	DIGITAL COMMUNICATIONS LAB	25	43	2
15A81A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15A81A0408	RT32049	SEMINAR	46	0	1
15A81A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	28	3
15A81A0409	RT32042	DIGITAL SIGNAL PROCESSING	21	27	3
15A81A0409	RT32043	DIGITAL COMMUNICATIONS	25	27	3
15A81A0409	RT32044	MICROWAVE ENGINEERING	24	24	3
15A81A0409	RT32045A	BIO MEDICAL ENGINEERING	18	28	3
15A81A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A81A0409	RT32047	DIGITAL COMMUNICATIONS LAB	25	42	2
15A81A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	35	2
15A81A0409	RT32049	SEMINAR	46	0	1
15A81A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	39	3
15A81A0410	RT32042	DIGITAL SIGNAL PROCESSING	23	25	3
15A81A0410	RT32043	DIGITAL COMMUNICATIONS	25	40	3
15A81A0410	RT32044	MICROWAVE ENGINEERING	27	35	3
15A81A0410	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
15A81A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15A81A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15A81A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A0410	RT32049	SEMINAR	45	0	1
15A81A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	49	3
15A81A0411	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
15A81A0411	RT32043	DIGITAL COMMUNICATIONS	26	39	3
15A81A0411	RT32044	MICROWAVE ENGINEERING	25	34	3
15A81A0411	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
15A81A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0411	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	48	2
15A81A0411	RT32049	SEMINAR	48	0	1
15A81A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	45	3
15A81A0412	RT32042	DIGITAL SIGNAL PROCESSING	28	48	3
15A81A0412	RT32043	DIGITAL COMMUNICATIONS	29	53	3
15A81A0412	RT32044	MICROWAVE ENGINEERING	29	49	3
15A81A0412	RT32045A	BIO MEDICAL ENGINEERING	25	54	3
15A81A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0412	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15A81A0412	RT32049	SEMINAR	48	0	1
15A81A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
15A81A0413	RT32042	DIGITAL SIGNAL PROCESSING	24	30	3
15A81A0413	RT32043	DIGITAL COMMUNICATIONS	25	42	3
15A81A0413	RT32044	MICROWAVE ENGINEERING	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0413	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
15A81A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A0413	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
15A81A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	35	2
15A81A0413	RT32049	SEMINAR	45	0	1
15A81A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	41	3
15A81A0414	RT32042	DIGITAL SIGNAL PROCESSING	14	10	0
15A81A0414	RT32043	DIGITAL COMMUNICATIONS	15	0	0
15A81A0414	RT32044	MICROWAVE ENGINEERING	19	33	3
15A81A0414	RT32045A	BIO MEDICAL ENGINEERING	17	15	0
15A81A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
15A81A0414	RT32047	DIGITAL COMMUNICATIONS LAB	16	35	2
15A81A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	36	2
15A81A0414	RT32049	SEMINAR	26	0	1
15A81A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
15A81A0415	RT32042	DIGITAL SIGNAL PROCESSING	17	13	0
15A81A0415	RT32043	DIGITAL COMMUNICATIONS	14	31	3
15A81A0415	RT32044	MICROWAVE ENGINEERING	19	6	0
15A81A0415	RT32045A	BIO MEDICAL ENGINEERING	12	9	0
15A81A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15A81A0415	RT32047	DIGITAL COMMUNICATIONS LAB	24	40	2
15A81A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	35	2
15A81A0415	RT32049	SEMINAR	44	0	1
15A81A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	43	3
15A81A0416	RT32042	DIGITAL SIGNAL PROCESSING	25	57	3
15A81A0416	RT32043	DIGITAL COMMUNICATIONS	26	55	3
15A81A0416	RT32044	MICROWAVE ENGINEERING	28	51	3
15A81A0416	RT32045A	BIO MEDICAL ENGINEERING	26	51	3
15A81A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0416	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15A81A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0416	RT32049	SEMINAR	48	0	1
15A81A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	27	3
15A81A0417	RT32042	DIGITAL SIGNAL PROCESSING	14	30	3
15A81A0417	RT32043	DIGITAL COMMUNICATIONS	6	16	0
15A81A0417	RT32044	MICROWAVE ENGINEERING	14	0	0
15A81A0417	RT32045A	BIO MEDICAL ENGINEERING	10	19	0
15A81A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15A81A0417	RT32047	DIGITAL COMMUNICATIONS LAB	5	-1	0
15A81A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	-1	0
15A81A0417	RT32049	SEMINAR	25	0	1
15A81A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	48	3
15A81A0418	RT32042	DIGITAL SIGNAL PROCESSING	29	52	3
15A81A0418	RT32043	DIGITAL COMMUNICATIONS	28	58	3
15A81A0418	RT32044	MICROWAVE ENGINEERING	27	52	3
15A81A0418	RT32045A	BIO MEDICAL ENGINEERING	23	49	3
15A81A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0418	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15A81A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A0418	RT32049	SEMINAR	46	0	1



Htno	Subcode	Subname	Internal	External	Credits
15A81A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	40	3
15A81A0419	RT32042	DIGITAL SIGNAL PROCESSING	18	35	3
15A81A0419	RT32043	DIGITAL COMMUNICATIONS	24	52	3
15A81A0419	RT32044	MICROWAVE ENGINEERING	23	51	3
15A81A0419	RT32045A	BIO MEDICAL ENGINEERING	20	44	3
15A81A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15A81A0419	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15A81A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15A81A0419	RT32049	SEMINAR	46	0	1
15A81A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	7	0
15A81A0420	RT32042	DIGITAL SIGNAL PROCESSING	16	13	0
15A81A0420	RT32043	DIGITAL COMMUNICATIONS	17	17	0
15A81A0420	RT32044	MICROWAVE ENGINEERING	18	17	0
15A81A0420	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
15A81A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
15A81A0420	RT32047	DIGITAL COMMUNICATIONS LAB	19	38	2
15A81A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15A81A0420	RT32049	SEMINAR	32	0	1
15A81A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15A81A0421	RT32042	DIGITAL SIGNAL PROCESSING	14	32	3
15A81A0421	RT32043	DIGITAL COMMUNICATIONS	17	29	3
15A81A0421	RT32044	MICROWAVE ENGINEERING	16	24	3
15A81A0421	RT32045A	BIO MEDICAL ENGINEERING	21	29	3
15A81A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
15A81A0421	RT32047	DIGITAL COMMUNICATIONS LAB	20	38	2
15A81A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	40	2
15A81A0421	RT32049	SEMINAR	32	0	1
15A81A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
15A81A0422	RT32042	DIGITAL SIGNAL PROCESSING	19	28	3
15A81A0422	RT32043	DIGITAL COMMUNICATIONS	20	10	0
15A81A0422	RT32044	MICROWAVE ENGINEERING	20	36	3
15A81A0422	RT32045A	BIO MEDICAL ENGINEERING	16	12	0
15A81A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A0422	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15A81A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15A81A0422	RT32049	SEMINAR	39	0	1
15A81A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
15A81A0423	RT32042	DIGITAL SIGNAL PROCESSING	18	36	3
15A81A0423	RT32043	DIGITAL COMMUNICATIONS	22	35	3
15A81A0423	RT32044	MICROWAVE ENGINEERING	19	32	3
15A81A0423	RT32045A	BIO MEDICAL ENGINEERING	24	26	3
15A81A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15A81A0423	RT32047	DIGITAL COMMUNICATIONS LAB	24	42	2
15A81A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15A81A0423	RT32049	SEMINAR	47	0	1
15A81A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	26	3
15A81A0424	RT32042	DIGITAL SIGNAL PROCESSING	23	47	3
15A81A0424	RT32043	DIGITAL COMMUNICATIONS	28	43	3
15A81A0424	RT32044	MICROWAVE ENGINEERING	24	32	3
15A81A0424	RT32045A	BIO MEDICAL ENGINEERING	19	51	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15A81A0424	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
15A81A0424	RT32049	SEMINAR	49	0	1
15A81A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	39	3
15A81A0425	RT32042	DIGITAL SIGNAL PROCESSING	24	33	3
15A81A0425	RT32043	DIGITAL COMMUNICATIONS	24	46	3
15A81A0425	RT32044	MICROWAVE ENGINEERING	22	31	3
15A81A0425	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
15A81A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15A81A0425	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15A81A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A0425	RT32049	SEMINAR	45	0	1
15A81A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15A81A0427	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
15A81A0427	RT32043	DIGITAL COMMUNICATIONS	22	18	0
15A81A0427	RT32044	MICROWAVE ENGINEERING	21	34	3
15A81A0427	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15A81A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A0427	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15A81A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0427	RT32049	SEMINAR	47	0	1
15A81A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	40	3
15A81A0428	RT32042	DIGITAL SIGNAL PROCESSING	23	39	3
15A81A0428	RT32043	DIGITAL COMMUNICATIONS	23	40	3
15A81A0428	RT32044	MICROWAVE ENGINEERING	25	45	3
15A81A0428	RT32045A	BIO MEDICAL ENGINEERING	15	34	3
15A81A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	47	2
15A81A0428	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15A81A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0428	RT32049	SEMINAR	42	0	1
15A81A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	14	0
15A81A0429	RT32042	DIGITAL SIGNAL PROCESSING	19	36	3
15A81A0429	RT32043	DIGITAL COMMUNICATIONS	18	34	3
15A81A0429	RT32044	MICROWAVE ENGINEERING	26	28	3
15A81A0429	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
15A81A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	45	2
15A81A0429	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	32	2
15A81A0429	RT32049	SEMINAR	44	0	1
15A81A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15A81A0430	RT32042	DIGITAL SIGNAL PROCESSING	19	31	3
15A81A0430	RT32043	DIGITAL COMMUNICATIONS	21	30	3
15A81A0430	RT32044	MICROWAVE ENGINEERING	20	24	3
15A81A0430	RT32045A	BIO MEDICAL ENGINEERING	18	38	3
15A81A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15A81A0430	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15A81A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15A81A0430	RT32049	SEMINAR	47	0	1
15A81A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0431	RT32042	DIGITAL SIGNAL PROCESSING	17	19	0
15A81A0431	RT32043	DIGITAL COMMUNICATIONS	15	29	3
15A81A0431	RT32044	MICROWAVE ENGINEERING	17	33	3
15A81A0431	RT32045A	BIO MEDICAL ENGINEERING	15	34	3
15A81A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15A81A0431	RT32047	DIGITAL COMMUNICATIONS LAB	24	41	2
15A81A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	33	2
15A81A0431	RT32049	SEMINAR	44	0	1
15A81A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	28	3
15A81A0432	RT32042	DIGITAL SIGNAL PROCESSING	20	25	3
15A81A0432	RT32043	DIGITAL COMMUNICATIONS	13	27	3
15A81A0432	RT32044	MICROWAVE ENGINEERING	19	24	3
15A81A0432	RT32045A	BIO MEDICAL ENGINEERING	15	33	3
15A81A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	38	2
15A81A0432	RT32047	DIGITAL COMMUNICATIONS LAB	22	38	2
15A81A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	33	2
15A81A0432	RT32049	SEMINAR	32	0	1
15A81A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	2	0
15A81A0433	RT32042	DIGITAL SIGNAL PROCESSING	13	4	0
15A81A0433	RT32043	DIGITAL COMMUNICATIONS	15	0	0
15A81A0433	RT32044	MICROWAVE ENGINEERING	18	0	0
15A81A0433	RT32045A	BIO MEDICAL ENGINEERING	15	14	0
15A81A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
15A81A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15A81A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	33	2
15A81A0433	RT32049	SEMINAR	25	0	1
15A81A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	35	3
15A81A0435	RT32042	DIGITAL SIGNAL PROCESSING	24	39	3
15A81A0435	RT32043	DIGITAL COMMUNICATIONS	26	36	3
15A81A0435	RT32044	MICROWAVE ENGINEERING	23	28	3
15A81A0435	RT32045A	BIO MEDICAL ENGINEERING	19	36	3
15A81A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15A81A0435	RT32047	DIGITAL COMMUNICATIONS LAB	25	46	2
15A81A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15A81A0435	RT32049	SEMINAR	46	0	1
15A81A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	28	3
15A81A0436	RT32042	DIGITAL SIGNAL PROCESSING	17	18	0
15A81A0436	RT32043	DIGITAL COMMUNICATIONS	18	31	3
15A81A0436	RT32044	MICROWAVE ENGINEERING	19	25	3
15A81A0436	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15A81A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15A81A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15A81A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A0436	RT32049	SEMINAR	45	0	1
15A81A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	29	3
15A81A0437	RT32042	DIGITAL SIGNAL PROCESSING	18	32	3
15A81A0437	RT32043	DIGITAL COMMUNICATIONS	19	49	3
15A81A0437	RT32044	MICROWAVE ENGINEERING	19	30	3
15A81A0437	RT32045A	BIO MEDICAL ENGINEERING	23	29	3
15A81A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0437	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A0437	RT32049	SEMINAR	45	0	1
15A81A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	27	3
15A81A0439	RT32042	DIGITAL SIGNAL PROCESSING	21	27	3
15A81A0439	RT32043	DIGITAL COMMUNICATIONS	22	30	3
15A81A0439	RT32044	MICROWAVE ENGINEERING	19	24	3
15A81A0439	RT32045A	BIO MEDICAL ENGINEERING	12	32	3
15A81A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	39	2
15A81A0439	RT32047	DIGITAL COMMUNICATIONS LAB	22	39	2
15A81A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	30	2
15A81A0439	RT32049	SEMINAR	47	0	1
15A81A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	34	3
15A81A0440	RT32042	DIGITAL SIGNAL PROCESSING	22	40	3
15A81A0440	RT32043	DIGITAL COMMUNICATIONS	26	32	3
15A81A0440	RT32044	MICROWAVE ENGINEERING	29	11	0
15A81A0440	RT32045A	BIO MEDICAL ENGINEERING	21	30	3
15A81A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15A81A0440	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A0440	RT32049	SEMINAR	30	0	1
15A81A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	34	3
15A81A0441	RT32042	DIGITAL SIGNAL PROCESSING	26	27	3
15A81A0441	RT32043	DIGITAL COMMUNICATIONS	23	36	3
15A81A0441	RT32044	MICROWAVE ENGINEERING	20	42	3
15A81A0441	RT32045A	BIO MEDICAL ENGINEERING	18	42	3
15A81A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15A81A0441	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15A81A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A0441	RT32049	SEMINAR	47	0	1
15A81A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	43	3
15A81A0442	RT32042	DIGITAL SIGNAL PROCESSING	21	42	3
15A81A0442	RT32043	DIGITAL COMMUNICATIONS	24	41	3
15A81A0442	RT32044	MICROWAVE ENGINEERING	27	58	3
15A81A0442	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
15A81A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A81A0442	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15A81A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15A81A0442	RT32049	SEMINAR	28	0	1
15A81A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	18	0
15A81A0443	RT32042	DIGITAL SIGNAL PROCESSING	22	42	3
15A81A0443	RT32043	DIGITAL COMMUNICATIONS	21	34	3
15A81A0443	RT32044	MICROWAVE ENGINEERING	28	41	3
15A81A0443	RT32045A	BIO MEDICAL ENGINEERING	21	30	3
15A81A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A0443	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
15A81A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15A81A0443	RT32049	SEMINAR	25	0	1
15A81A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	13	0
15A81A0444	RT32042	DIGITAL SIGNAL PROCESSING	19	25	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0444	RT32043	DIGITAL COMMUNICATIONS	21	15	0
15A81A0444	RT32044	MICROWAVE ENGINEERING	20	16	0
15A81A0444	RT32045A	BIO MEDICAL ENGINEERING	17	33	3
15A81A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15A81A0444	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15A81A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15A81A0444	RT32049	SEMINAR	25	0	1
15A81A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
15A81A0446	RT32042	DIGITAL SIGNAL PROCESSING	19	30	3
15A81A0446	RT32043	DIGITAL COMMUNICATIONS	23	31	3
15A81A0446	RT32044	MICROWAVE ENGINEERING	23	34	3
15A81A0446	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
15A81A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A0446	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15A81A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A0446	RT32049	SEMINAR	44	0	1
15A81A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	39	3
15A81A0447	RT32042	DIGITAL SIGNAL PROCESSING	19	30	3
15A81A0447	RT32043	DIGITAL COMMUNICATIONS	24	26	3
15A81A0447	RT32044	MICROWAVE ENGINEERING	24	31	3
15A81A0447	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
15A81A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15A81A0447	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15A81A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0447	RT32049	SEMINAR	47	0	1
15A81A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15A81A0448	RT32042	DIGITAL SIGNAL PROCESSING	18	49	3
15A81A0448	RT32043	DIGITAL COMMUNICATIONS	24	39	3
15A81A0448	RT32044	MICROWAVE ENGINEERING	23	40	3
15A81A0448	RT32045A	BIO MEDICAL ENGINEERING	19	43	3
15A81A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15A81A0448	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15A81A0448	RT32049	SEMINAR	46	0	1
15A81A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	26	3
15A81A0449	RT32042	DIGITAL SIGNAL PROCESSING	15	30	3
15A81A0449	RT32043	DIGITAL COMMUNICATIONS	21	40	3
15A81A0449	RT32044	MICROWAVE ENGINEERING	23	15	0
15A81A0449	RT32045A	BIO MEDICAL ENGINEERING	12	28	3
15A81A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15A81A0449	RT32047	DIGITAL COMMUNICATIONS LAB	19	38	2
15A81A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	30	2
15A81A0449	RT32049	SEMINAR	27	0	1
15A81A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	40	3
15A81A0450	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15A81A0450	RT32043	DIGITAL COMMUNICATIONS	28	50	3
15A81A0450	RT32044	MICROWAVE ENGINEERING	28	49	3
15A81A0450	RT32045A	BIO MEDICAL ENGINEERING	24	30	3
15A81A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0450	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15A81A0450	RT32049	SEMINAR	45	0	1
15A81A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	21	0
15A81A0453	RT32042	DIGITAL SIGNAL PROCESSING	7	0	0
15A81A0453	RT32043	DIGITAL COMMUNICATIONS	16	24	3
15A81A0453	RT32044	MICROWAVE ENGINEERING	18	2	0
15A81A0453	RT32045A	BIO MEDICAL ENGINEERING	11	15	0
15A81A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	39	2
15A81A0453	RT32047	DIGITAL COMMUNICATIONS LAB	5	-1	0
15A81A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	44	2
15A81A0453	RT32049	SEMINAR	25	0	1
15A81A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15A81A0454	RT32042	DIGITAL SIGNAL PROCESSING	25	43	3
15A81A0454	RT32043	DIGITAL COMMUNICATIONS	24	28	3
15A81A0454	RT32044	MICROWAVE ENGINEERING	25	27	3
15A81A0454	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
15A81A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15A81A0454	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15A81A0454	RT32049	SEMINAR	46	0	1
15A81A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	21	0
15A81A0455	RT32042	DIGITAL SIGNAL PROCESSING	9	26	0
15A81A0455	RT32043	DIGITAL COMMUNICATIONS	9	23	0
15A81A0455	RT32044	MICROWAVE ENGINEERING	14	7	0
15A81A0455	RT32045A	BIO MEDICAL ENGINEERING	18	13	0
15A81A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
15A81A0455	RT32047	DIGITAL COMMUNICATIONS LAB	17	35	2
15A81A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15A81A0455	RT32049	SEMINAR	25	0	1
15A81A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	27	3
15A81A0456	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
15A81A0456	RT32043	DIGITAL COMMUNICATIONS	18	5	0
15A81A0456	RT32044	MICROWAVE ENGINEERING	24	32	3
15A81A0456	RT32045A	BIO MEDICAL ENGINEERING	18	29	3
15A81A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
15A81A0456	RT32047	DIGITAL COMMUNICATIONS LAB	19	39	2
15A81A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15A81A0456	RT32049	SEMINAR	40	0	1
15A81A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	36	3
15A81A0457	RT32042	DIGITAL SIGNAL PROCESSING	20	39	3
15A81A0457	RT32043	DIGITAL COMMUNICATIONS	25	46	3
15A81A0457	RT32044	MICROWAVE ENGINEERING	20	25	3
15A81A0457	RT32045A	BIO MEDICAL ENGINEERING	20	41	3
15A81A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
15A81A0457	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15A81A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15A81A0457	RT32049	SEMINAR	25	0	1
15A81A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	18	0
15A81A0458	RT32042	DIGITAL SIGNAL PROCESSING	21	32	3
15A81A0458	RT32043	DIGITAL COMMUNICATIONS	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0458	RT32044	MICROWAVE ENGINEERING	21	24	3
15A81A0458	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
15A81A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15A81A0458	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15A81A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15A81A0458	RT32049	SEMINAR	41	0	1
15A81A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	29	3
15A81A0459	RT32042	DIGITAL SIGNAL PROCESSING	21	36	3
15A81A0459	RT32043	DIGITAL COMMUNICATIONS	18	34	3
15A81A0459	RT32044	MICROWAVE ENGINEERING	17	28	3
15A81A0459	RT32045A	BIO MEDICAL ENGINEERING	14	26	3
15A81A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15A81A0459	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15A81A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15A81A0459	RT32049	SEMINAR	25	0	1
15A81A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	51	3
15A81A0460	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
15A81A0460	RT32043	DIGITAL COMMUNICATIONS	23	46	3
15A81A0460	RT32044	MICROWAVE ENGINEERING	26	50	3
15A81A0460	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
15A81A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A0460	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15A81A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A0460	RT32049	SEMINAR	45	0	1
15A81A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
15A81A0461	RT32042	DIGITAL SIGNAL PROCESSING	26	59	3
15A81A0461	RT32043	DIGITAL COMMUNICATIONS	24	59	3
15A81A0461	RT32044	MICROWAVE ENGINEERING	28	46	3
15A81A0461	RT32045A	BIO MEDICAL ENGINEERING	21	70	3
15A81A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0461	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15A81A0461	RT32049	SEMINAR	48	0	1
15A81A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	29	3
15A81A0462	RT32042	DIGITAL SIGNAL PROCESSING	18	37	3
15A81A0462	RT32043	DIGITAL COMMUNICATIONS	20	37	3
15A81A0462	RT32044	MICROWAVE ENGINEERING	20	39	3
15A81A0462	RT32045A	BIO MEDICAL ENGINEERING	17	41	3
15A81A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A0462	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15A81A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A0462	RT32049	SEMINAR	48	0	1
15A81A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	35	3
15A81A0463	RT32042	DIGITAL SIGNAL PROCESSING	22	44	3
15A81A0463	RT32043	DIGITAL COMMUNICATIONS	23	34	3
15A81A0463	RT32044	MICROWAVE ENGINEERING	22	35	3
15A81A0463	RT32045A	BIO MEDICAL ENGINEERING	18	36	3
15A81A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15A81A0463	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15A81A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0463	RT32049	SEMINAR	43	0	1
15A81A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15A81A0464	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
15A81A0464	RT32043	DIGITAL COMMUNICATIONS	23	12	0
15A81A0464	RT32044	MICROWAVE ENGINEERING	23	37	3
15A81A0464	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
15A81A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	39	2
15A81A0464	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A0464	RT32049	SEMINAR	44	0	1
15A81A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	43	3
15A81A0465	RT32042	DIGITAL SIGNAL PROCESSING	20	39	3
15A81A0465	RT32043	DIGITAL COMMUNICATIONS	23	47	3
15A81A0465	RT32044	MICROWAVE ENGINEERING	24	32	3
15A81A0465	RT32045A	BIO MEDICAL ENGINEERING	27	58	3
15A81A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
15A81A0465	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15A81A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15A81A0465	RT32049	SEMINAR	44	0	1
15A81A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	29	3
15A81A0466	RT32042	DIGITAL SIGNAL PROCESSING	22	43	3
15A81A0466	RT32043	DIGITAL COMMUNICATIONS	26	31	3
15A81A0466	RT32044	MICROWAVE ENGINEERING	21	43	3
15A81A0466	RT32045A	BIO MEDICAL ENGINEERING	20	38	3
15A81A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15A81A0466	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15A81A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15A81A0466	RT32049	SEMINAR	47	0	1
15A81A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15A81A0467	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
15A81A0467	RT32043	DIGITAL COMMUNICATIONS	24	52	3
15A81A0467	RT32044	MICROWAVE ENGINEERING	25	46	3
15A81A0467	RT32045A	BIO MEDICAL ENGINEERING	21	47	3
15A81A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0467	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0467	RT32049	SEMINAR	48	0	1
15A81A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	54	3
15A81A0468	RT32042	DIGITAL SIGNAL PROCESSING	25	42	3
15A81A0468	RT32043	DIGITAL COMMUNICATIONS	27	70	3
15A81A0468	RT32044	MICROWAVE ENGINEERING	29	50	3
15A81A0468	RT32045A	BIO MEDICAL ENGINEERING	26	48	3
15A81A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0468	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15A81A0468	RT32049	SEMINAR	49	0	1
15A81A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	41	3
15A81A0469	RT32042	DIGITAL SIGNAL PROCESSING	19	29	3
15A81A0469	RT32043	DIGITAL COMMUNICATIONS	22	28	3
15A81A0469	RT32044	MICROWAVE ENGINEERING	15	33	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A0469	RT32045A	BIO MEDICAL ENGINEERING	19	15	0
15A81A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
15A81A0469	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15A81A0469	RT32049	SEMINAR	47	0	1
15A81A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	30	3
15A81A0470	RT32042	DIGITAL SIGNAL PROCESSING	23	52	3
15A81A0470	RT32043	DIGITAL COMMUNICATIONS	27	31	3
15A81A0470	RT32044	MICROWAVE ENGINEERING	29	39	3
15A81A0470	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
15A81A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0470	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A0470	RT32049	SEMINAR	25	0	1
15A81A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	39	3
15A81A0471	RT32042	DIGITAL SIGNAL PROCESSING	21	31	3
15A81A0471	RT32043	DIGITAL COMMUNICATIONS	22	29	3
15A81A0471	RT32044	MICROWAVE ENGINEERING	18	28	3
15A81A0471	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
15A81A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
15A81A0471	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15A81A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	29	2
15A81A0471	RT32049	SEMINAR	38	0	1
15A81A0472	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
15A81A0472	RT32042	DIGITAL SIGNAL PROCESSING	19	26	3
15A81A0472	RT32043	DIGITAL COMMUNICATIONS	24	31	3
15A81A0472	RT32044	MICROWAVE ENGINEERING	24	27	3
15A81A0472	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15A81A0472	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	29	2
15A81A0472	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0472	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	39	2
15A81A0472	RT32049	SEMINAR	38	0	1
15A81A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	30	3
15A81A0473	RT32042	DIGITAL SIGNAL PROCESSING	7	19	0
15A81A0473	RT32043	DIGITAL COMMUNICATIONS	23	13	0
15A81A0473	RT32044	MICROWAVE ENGINEERING	18	11	0
15A81A0473	RT32045A	BIO MEDICAL ENGINEERING	5	19	0
15A81A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	33	2
15A81A0473	RT32047	DIGITAL COMMUNICATIONS LAB	18	44	2
15A81A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	41	2
15A81A0473	RT32049	SEMINAR	25	0	1
15A81A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	4	0
15A81A0474	RT32042	DIGITAL SIGNAL PROCESSING	7	10	0
15A81A0474	RT32043	DIGITAL COMMUNICATIONS	13	9	0
15A81A0474	RT32044	MICROWAVE ENGINEERING	16	5	0
15A81A0474	RT32045A	BIO MEDICAL ENGINEERING	5	30	0
15A81A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	25	2
15A81A0474	RT32047	DIGITAL COMMUNICATIONS LAB	16	26	2
15A81A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	39	2
15A81A0474	RT32049	SEMINAR	25	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A0475	RT32042	DIGITAL SIGNAL PROCESSING	19	-2	0
15A81A0475	RT32043	DIGITAL COMMUNICATIONS	19	-2	0
15A81A0475	RT32044	MICROWAVE ENGINEERING	22	-2	0
15A81A0475	RT32045A	BIO MEDICAL ENGINEERING	22	-2	0
15A81A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	45	3
15A81A0476	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
15A81A0476	RT32043	DIGITAL COMMUNICATIONS	20	37	3
15A81A0476	RT32044	MICROWAVE ENGINEERING	24	40	3
15A81A0476	RT32045A	BIO MEDICAL ENGINEERING	19	25	3
15A81A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A0476	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
15A81A0476	RT32049	SEMINAR	46	0	1
15A81A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15A81A0477	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15A81A0477	RT32043	DIGITAL COMMUNICATIONS	21	40	3
15A81A0477	RT32044	MICROWAVE ENGINEERING	21	36	3
15A81A0477	RT32045A	BIO MEDICAL ENGINEERING	16	26	3
15A81A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15A81A0477	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15A81A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15A81A0477	RT32049	SEMINAR	45	0	1
15A81A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	44	3
15A81A0478	RT32042	DIGITAL SIGNAL PROCESSING	26	50	3
15A81A0478	RT32043	DIGITAL COMMUNICATIONS	25	46	3
15A81A0478	RT32044	MICROWAVE ENGINEERING	29	44	3
15A81A0478	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15A81A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15A81A0478	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A0478	RT32049	SEMINAR	47	0	1
15A81A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	37	3
15A81A0479	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
15A81A0479	RT32043	DIGITAL COMMUNICATIONS	22	31	3
15A81A0479	RT32044	MICROWAVE ENGINEERING	22	40	3
15A81A0479	RT32045A	BIO MEDICAL ENGINEERING	19	38	3
15A81A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A0479	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A0479	RT32049	SEMINAR	48	0	1
15A81A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
15A81A0480	RT32042	DIGITAL SIGNAL PROCESSING	24	43	3
15A81A0480	RT32043	DIGITAL COMMUNICATIONS	24	55	3
15A81A0480	RT32044	MICROWAVE ENGINEERING	23	50	3
15A81A0480	RT32045A	BIO MEDICAL ENGINEERING	22	30	3
15A81A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0480	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15A81A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15A81A0480	RT32049	SEMINAR	47	0	1
15A81A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	16	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0481	RT32042	DIGITAL SIGNAL PROCESSING	18	6	0
15A81A0481	RT32043	DIGITAL COMMUNICATIONS	11	3	0
15A81A0481	RT32044	MICROWAVE ENGINEERING	20	0	0
15A81A0481	RT32045A	BIO MEDICAL ENGINEERING	17	19	0
15A81A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	23	2
15A81A0481	RT32047	DIGITAL COMMUNICATIONS LAB	18	27	2
15A81A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	39	2
15A81A0481	RT32049	SEMINAR	25	0	1
15A81A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	33	3
15A81A0482	RT32042	DIGITAL SIGNAL PROCESSING	15	13	0
15A81A0482	RT32043	DIGITAL COMMUNICATIONS	15	17	0
15A81A0482	RT32044	MICROWAVE ENGINEERING	12	9	0
15A81A0482	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
15A81A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	29	2
15A81A0482	RT32047	DIGITAL COMMUNICATIONS LAB	19	32	2
15A81A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	38	2
15A81A0482	RT32049	SEMINAR	43	0	1
15A81A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	28	3
15A81A0483	RT32042	DIGITAL SIGNAL PROCESSING	16	30	3
15A81A0483	RT32043	DIGITAL COMMUNICATIONS	19	36	3
15A81A0483	RT32044	MICROWAVE ENGINEERING	20	37	3
15A81A0483	RT32045A	BIO MEDICAL ENGINEERING	17	44	3
15A81A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	36	2
15A81A0483	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
15A81A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
15A81A0483	RT32049	SEMINAR	42	0	1
15A81A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
15A81A0484	RT32042	DIGITAL SIGNAL PROCESSING	24	45	3
15A81A0484	RT32043	DIGITAL COMMUNICATIONS	26	50	3
15A81A0484	RT32044	MICROWAVE ENGINEERING	29	44	3
15A81A0484	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
15A81A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0484	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15A81A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15A81A0484	RT32049	SEMINAR	47	0	1
15A81A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	51	3
15A81A0485	RT32042	DIGITAL SIGNAL PROCESSING	28	55	3
15A81A0485	RT32043	DIGITAL COMMUNICATIONS	25	53	3
15A81A0485	RT32044	MICROWAVE ENGINEERING	29	43	3
15A81A0485	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
15A81A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0485	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15A81A0485	RT32049	SEMINAR	45	0	1
15A81A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	42	3
15A81A0486	RT32042	DIGITAL SIGNAL PROCESSING	23	36	3
15A81A0486	RT32043	DIGITAL COMMUNICATIONS	20	34	3
15A81A0486	RT32044	MICROWAVE ENGINEERING	25	35	3
15A81A0486	RT32045A	BIO MEDICAL ENGINEERING	23	45	3
15A81A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0486	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15A81A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15A81A0486	RT32049	SEMINAR	43	0	1
15A81A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	49	3
15A81A0487	RT32042	DIGITAL SIGNAL PROCESSING	29	44	3
15A81A0487	RT32043	DIGITAL COMMUNICATIONS	26	47	3
15A81A0487	RT32044	MICROWAVE ENGINEERING	29	52	3
15A81A0487	RT32045A	BIO MEDICAL ENGINEERING	25	60	3
15A81A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0487	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15A81A0487	RT32049	SEMINAR	47	0	1
15A81A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	29	3
15A81A0488	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15A81A0488	RT32043	DIGITAL COMMUNICATIONS	29	40	3
15A81A0488	RT32044	MICROWAVE ENGINEERING	23	31	3
15A81A0488	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
15A81A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A0488	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15A81A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15A81A0488	RT32049	SEMINAR	45	0	1
15A81A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15A81A0489	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
15A81A0489	RT32043	DIGITAL COMMUNICATIONS	21	50	3
15A81A0489	RT32044	MICROWAVE ENGINEERING	24	29	3
15A81A0489	RT32045A	BIO MEDICAL ENGINEERING	22	53	3
15A81A0489	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15A81A0489	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15A81A0489	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A0489	RT32049	SEMINAR	47	0	1
15A81A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	4	-1	0
15A81A0490	RT32042	DIGITAL SIGNAL PROCESSING	18	-1	0
15A81A0490	RT32043	DIGITAL COMMUNICATIONS	20	-1	0
15A81A0490	RT32044	MICROWAVE ENGINEERING	20	-1	0
15A81A0490	RT32045A	BIO MEDICAL ENGINEERING	0	-1	0
15A81A0490	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	-1	0
15A81A0490	RT32047	DIGITAL COMMUNICATIONS LAB	10	-1	0
15A81A0490	RT32048	DIGITAL SIGNAL PROCESSING LAB	8	-1	0
15A81A0490	RT32049	SEMINAR	25	0	1
15A81A0491	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	30	3
15A81A0491	RT32042	DIGITAL SIGNAL PROCESSING	22	33	3
15A81A0491	RT32043	DIGITAL COMMUNICATIONS	25	44	3
15A81A0491	RT32044	MICROWAVE ENGINEERING	27	40	3
15A81A0491	RT32045A	BIO MEDICAL ENGINEERING	21	58	3
15A81A0491	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A0491	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15A81A0491	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A0491	RT32049	SEMINAR	47	0	1
15A81A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	8	3	0
15A81A0492	RT32042	DIGITAL SIGNAL PROCESSING	14	12	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0492	RT32043	DIGITAL COMMUNICATIONS	19	9	0
15A81A0492	RT32044	MICROWAVE ENGINEERING	21	24	3
15A81A0492	RT32045A	BIO MEDICAL ENGINEERING	17	10	0
15A81A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
15A81A0492	RT32047	DIGITAL COMMUNICATIONS LAB	19	40	2
15A81A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
15A81A0492	RT32049	SEMINAR	40	0	1
15A81A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
15A81A0493	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15A81A0493	RT32043	DIGITAL COMMUNICATIONS	23	24	3
15A81A0493	RT32044	MICROWAVE ENGINEERING	22	37	3
15A81A0493	RT32045A	BIO MEDICAL ENGINEERING	22	47	3
15A81A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15A81A0493	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15A81A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	42	2
15A81A0493	RT32049	SEMINAR	41	0	1
15A81A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	44	3
15A81A0494	RT32042	DIGITAL SIGNAL PROCESSING	26	46	3
15A81A0494	RT32043	DIGITAL COMMUNICATIONS	25	44	3
15A81A0494	RT32044	MICROWAVE ENGINEERING	29	52	3
15A81A0494	RT32045A	BIO MEDICAL ENGINEERING	25	45	3
15A81A0494	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0494	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A0494	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15A81A0494	RT32049	SEMINAR	43	0	1
15A81A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	15	0
15A81A0496	RT32042	DIGITAL SIGNAL PROCESSING	9	27	0
15A81A0496	RT32043	DIGITAL COMMUNICATIONS	18	32	3
15A81A0496	RT32044	MICROWAVE ENGINEERING	20	24	3
15A81A0496	RT32045A	BIO MEDICAL ENGINEERING	12	39	3
15A81A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15A81A0496	RT32047	DIGITAL COMMUNICATIONS LAB	20	38	2
15A81A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	45	2
15A81A0496	RT32049	SEMINAR	25	0	1
15A81A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	34	3
15A81A0497	RT32042	DIGITAL SIGNAL PROCESSING	26	38	3
15A81A0497	RT32043	DIGITAL COMMUNICATIONS	27	49	3
15A81A0497	RT32044	MICROWAVE ENGINEERING	30	39	3
15A81A0497	RT32045A	BIO MEDICAL ENGINEERING	20	49	3
15A81A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0497	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15A81A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A0497	RT32049	SEMINAR	46	0	1
15A81A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
15A81A0498	RT32042	DIGITAL SIGNAL PROCESSING	14	31	3
15A81A0498	RT32043	DIGITAL COMMUNICATIONS	22	35	3
15A81A0498	RT32044	MICROWAVE ENGINEERING	23	28	3
15A81A0498	RT32045A	BIO MEDICAL ENGINEERING	18	39	3
15A81A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	35	2
15A81A0498	RT32047	DIGITAL COMMUNICATIONS LAB	19	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15A81A0498	RT32049	SEMINAR	47	0	1
15A81A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	37	3
15A81A04A0	RT32042	DIGITAL SIGNAL PROCESSING	9	31	3
15A81A04A0	RT32043	DIGITAL COMMUNICATIONS	19	15	0
15A81A04A0	RT32044	MICROWAVE ENGINEERING	14	20	0
15A81A04A0	RT32045A	BIO MEDICAL ENGINEERING	19	30	3
15A81A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
15A81A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
15A81A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	13	20	2
15A81A04A0	RT32049	SEMINAR	40	0	1
15A81A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	42	3
15A81A04A1	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
15A81A04A1	RT32043	DIGITAL COMMUNICATIONS	23	44	3
15A81A04A1	RT32044	MICROWAVE ENGINEERING	27	50	3
15A81A04A1	RT32045A	BIO MEDICAL ENGINEERING	25	49	3
15A81A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15A81A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15A81A04A1	RT32049	SEMINAR	47	0	1
15A81A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	16	0
15A81A04A2	RT32042	DIGITAL SIGNAL PROCESSING	6	6	0
15A81A04A2	RT32043	DIGITAL COMMUNICATIONS	17	4	0
15A81A04A2	RT32044	MICROWAVE ENGINEERING	19	31	3
15A81A04A2	RT32045A	BIO MEDICAL ENGINEERING	17	11	0
15A81A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15A81A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15A81A04A2	RT32049	SEMINAR	42	0	1
15A81A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	51	3
15A81A04A3	RT32042	DIGITAL SIGNAL PROCESSING	24	48	3
15A81A04A3	RT32043	DIGITAL COMMUNICATIONS	24	44	3
15A81A04A3	RT32044	MICROWAVE ENGINEERING	27	49	3
15A81A04A3	RT32045A	BIO MEDICAL ENGINEERING	25	53	3
15A81A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15A81A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15A81A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
15A81A04A3	RT32049	SEMINAR	46	0	1
15A81A04A4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	43	3
15A81A04A4	RT32042	DIGITAL SIGNAL PROCESSING	25	52	3
15A81A04A4	RT32043	DIGITAL COMMUNICATIONS	27	49	3
15A81A04A4	RT32044	MICROWAVE ENGINEERING	26	42	3
15A81A04A4	RT32045A	BIO MEDICAL ENGINEERING	25	51	3
15A81A04A4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A04A4	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A04A4	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A04A4	RT32049	SEMINAR	25	0	1
15A81A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	12	0
15A81A04A5	RT32042	DIGITAL SIGNAL PROCESSING	19	9	0
15A81A04A5	RT32043	DIGITAL COMMUNICATIONS	16	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04A5	RT32044	MICROWAVE ENGINEERING	18	19	0
15A81A04A5	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
15A81A04A5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
15A81A04A5	RT32047	DIGITAL COMMUNICATIONS LAB	19	33	2
15A81A04A5	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
15A81A04A5	RT32049	SEMINAR	40	0	1
15A81A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3
15A81A04A6	RT32042	DIGITAL SIGNAL PROCESSING	24	36	3
15A81A04A6	RT32043	DIGITAL COMMUNICATIONS	25	52	3
15A81A04A6	RT32044	MICROWAVE ENGINEERING	21	39	3
15A81A04A6	RT32045A	BIO MEDICAL ENGINEERING	23	36	3
15A81A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15A81A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15A81A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15A81A04A6	RT32049	SEMINAR	43	0	1
15A81A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	33	3
15A81A04A7	RT32042	DIGITAL SIGNAL PROCESSING	23	42	3
15A81A04A7	RT32043	DIGITAL COMMUNICATIONS	21	38	3
15A81A04A7	RT32044	MICROWAVE ENGINEERING	21	38	3
15A81A04A7	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
15A81A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
15A81A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15A81A04A7	RT32049	SEMINAR	45	0	1
15A81A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	44	3
15A81A04A8	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
15A81A04A8	RT32043	DIGITAL COMMUNICATIONS	24	39	3
15A81A04A8	RT32044	MICROWAVE ENGINEERING	28	36	3
15A81A04A8	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
15A81A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15A81A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15A81A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
15A81A04A8	RT32049	SEMINAR	45	0	1
15A81A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	15	0
15A81A04A9	RT32042	DIGITAL SIGNAL PROCESSING	20	25	3
15A81A04A9	RT32043	DIGITAL COMMUNICATIONS	17	27	3
15A81A04A9	RT32044	MICROWAVE ENGINEERING	19	31	3
15A81A04A9	RT32045A	BIO MEDICAL ENGINEERING	19	15	0
15A81A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15A81A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	18	33	2
15A81A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A04A9	RT32049	SEMINAR	47	0	1
15A81A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	45	3
15A81A04B0	RT32042	DIGITAL SIGNAL PROCESSING	27	33	3
15A81A04B0	RT32043	DIGITAL COMMUNICATIONS	21	70	3
15A81A04B0	RT32044	MICROWAVE ENGINEERING	26	44	3
15A81A04B0	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
15A81A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15A81A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04B0	RT32049	SEMINAR	46	0	1
15A81A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	37	3
15A81A04B1	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
15A81A04B1	RT32043	DIGITAL COMMUNICATIONS	26	46	3
15A81A04B1	RT32044	MICROWAVE ENGINEERING	23	51	3
15A81A04B1	RT32045A	BIO MEDICAL ENGINEERING	21	51	3
15A81A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15A81A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15A81A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04B1	RT32049	SEMINAR	40	0	1
15A81A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	46	3
15A81A04B2	RT32042	DIGITAL SIGNAL PROCESSING	23	40	3
15A81A04B2	RT32043	DIGITAL COMMUNICATIONS	21	34	3
15A81A04B2	RT32044	MICROWAVE ENGINEERING	25	32	3
15A81A04B2	RT32045A	BIO MEDICAL ENGINEERING	24	50	3
15A81A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15A81A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	19	39	2
15A81A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A04B2	RT32049	SEMINAR	45	0	1
15A81A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	18	0
15A81A04B3	RT32042	DIGITAL SIGNAL PROCESSING	18	25	3
15A81A04B3	RT32043	DIGITAL COMMUNICATIONS	19	29	3
15A81A04B3	RT32044	MICROWAVE ENGINEERING	24	24	3
15A81A04B3	RT32045A	BIO MEDICAL ENGINEERING	23	26	3
15A81A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15A81A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15A81A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A04B3	RT32049	SEMINAR	43	0	1
15A81A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	40	3
15A81A04B4	RT32042	DIGITAL SIGNAL PROCESSING	20	41	3
15A81A04B4	RT32043	DIGITAL COMMUNICATIONS	20	44	3
15A81A04B4	RT32044	MICROWAVE ENGINEERING	20	39	3
15A81A04B4	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
15A81A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15A81A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
15A81A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	46	2
15A81A04B4	RT32049	SEMINAR	44	0	1
15A81A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	29	3
15A81A04B5	RT32042	DIGITAL SIGNAL PROCESSING	20	34	3
15A81A04B5	RT32043	DIGITAL COMMUNICATIONS	24	35	3
15A81A04B5	RT32044	MICROWAVE ENGINEERING	22	32	3
15A81A04B5	RT32045A	BIO MEDICAL ENGINEERING	20	26	3
15A81A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15A81A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	19	45	2
15A81A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
15A81A04B5	RT32049	SEMINAR	42	0	1
15A81A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	44	3
15A81A04B6	RT32042	DIGITAL SIGNAL PROCESSING	26	52	3
15A81A04B6	RT32043	DIGITAL COMMUNICATIONS	24	40	3
15A81A04B6	RT32044	MICROWAVE ENGINEERING	25	39	3



Htno	Subcode	Subname	Internal	External	Credits
15A81A04B6	RT32045A	BIO MEDICAL ENGINEERING	21	53	3
15A81A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15A81A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15A81A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15A81A04B6	RT32049	SEMINAR	47	0	1
15A81A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
15A81A04B7	RT32042	DIGITAL SIGNAL PROCESSING	20	36	3
15A81A04B7	RT32043	DIGITAL COMMUNICATIONS	22	38	3
15A81A04B7	RT32044	MICROWAVE ENGINEERING	25	40	3
15A81A04B7	RT32045A	BIO MEDICAL ENGINEERING	27	10	0
15A81A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15A81A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15A81A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A04B7	RT32049	SEMINAR	45	0	1
15A81A04B8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	37	3
15A81A04B8	RT32042	DIGITAL SIGNAL PROCESSING	24	37	3
15A81A04B8	RT32043	DIGITAL COMMUNICATIONS	27	35	3
15A81A04B8	RT32044	MICROWAVE ENGINEERING	27	31	3
15A81A04B8	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
15A81A04B8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A04B8	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15A81A04B8	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04B8	RT32049	SEMINAR	40	0	1
15A81A04B9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	41	3
15A81A04B9	RT32042	DIGITAL SIGNAL PROCESSING	25	38	3
15A81A04B9	RT32043	DIGITAL COMMUNICATIONS	28	43	3
15A81A04B9	RT32044	MICROWAVE ENGINEERING	28	40	3
15A81A04B9	RT32045A	BIO MEDICAL ENGINEERING	19	48	3
15A81A04B9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15A81A04B9	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15A81A04B9	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04B9	RT32049	SEMINAR	43	0	1
15A81A04C0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	48	3
15A81A04C0	RT32042	DIGITAL SIGNAL PROCESSING	24	37	3
15A81A04C0	RT32043	DIGITAL COMMUNICATIONS	29	39	3
15A81A04C0	RT32044	MICROWAVE ENGINEERING	21	40	3
15A81A04C0	RT32045A	BIO MEDICAL ENGINEERING	22	46	3
15A81A04C0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A04C0	RT32047	DIGITAL COMMUNICATIONS LAB	20	47	2
15A81A04C0	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15A81A04C0	RT32049	SEMINAR	42	0	1
15A81A04C1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	-1	0
15A81A04C1	RT32042	DIGITAL SIGNAL PROCESSING	22	50	3
15A81A04C1	RT32043	DIGITAL COMMUNICATIONS	23	36	3
15A81A04C1	RT32044	MICROWAVE ENGINEERING	28	-1	0
15A81A04C1	RT32045A	BIO MEDICAL ENGINEERING	22	53	3
15A81A04C1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A04C1	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15A81A04C1	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15A81A04C1	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	34	3
15A81A04C2	RT32042	DIGITAL SIGNAL PROCESSING	21	15	0
15A81A04C2	RT32043	DIGITAL COMMUNICATIONS	20	36	3
15A81A04C2	RT32044	MICROWAVE ENGINEERING	20	27	3
15A81A04C2	RT32045A	BIO MEDICAL ENGINEERING	15	25	3
15A81A04C2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15A81A04C2	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15A81A04C2	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A04C2	RT32049	SEMINAR	35	0	1
15A81A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	47	3
15A81A04C4	RT32042	DIGITAL SIGNAL PROCESSING	19	45	3
15A81A04C4	RT32043	DIGITAL COMMUNICATIONS	25	34	3
15A81A04C4	RT32044	MICROWAVE ENGINEERING	18	51	3
15A81A04C4	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15A81A04C4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15A81A04C4	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A04C4	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
15A81A04C4	RT32049	SEMINAR	45	0	1
15A81A04C5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3
15A81A04C5	RT32042	DIGITAL SIGNAL PROCESSING	29	53	3
15A81A04C5	RT32043	DIGITAL COMMUNICATIONS	27	56	3
15A81A04C5	RT32044	MICROWAVE ENGINEERING	28	45	3
15A81A04C5	RT32045A	BIO MEDICAL ENGINEERING	26	39	3
15A81A04C5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15A81A04C5	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15A81A04C5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	50	2
15A81A04C5	RT32049	SEMINAR	50	0	1
15A81A04C6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15A81A04C6	RT32042	DIGITAL SIGNAL PROCESSING	24	40	3
15A81A04C6	RT32043	DIGITAL COMMUNICATIONS	24	36	3
15A81A04C6	RT32044	MICROWAVE ENGINEERING	26	35	3
15A81A04C6	RT32045A	BIO MEDICAL ENGINEERING	25	35	3
15A81A04C6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A04C6	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15A81A04C6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15A81A04C6	RT32049	SEMINAR	45	0	1
15A81A04C7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	40	3
15A81A04C7	RT32042	DIGITAL SIGNAL PROCESSING	20	33	3
15A81A04C7	RT32043	DIGITAL COMMUNICATIONS	24	33	3
15A81A04C7	RT32044	MICROWAVE ENGINEERING	21	46	3
15A81A04C7	RT32045A	BIO MEDICAL ENGINEERING	20	38	3
15A81A04C7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15A81A04C7	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A04C7	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	41	2
15A81A04C7	RT32049	SEMINAR	35	0	1
15A81A04C8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	34	3
15A81A04C8	RT32042	DIGITAL SIGNAL PROCESSING	23	26	3
15A81A04C8	RT32043	DIGITAL COMMUNICATIONS	22	30	3
15A81A04C8	RT32044	MICROWAVE ENGINEERING	24	39	3
15A81A04C8	RT32045A	BIO MEDICAL ENGINEERING	23	39	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04C8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15A81A04C8	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15A81A04C8	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
15A81A04C8	RT32049	SEMINAR	40	0	1
15A81A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	48	3
15A81A04C9	RT32042	DIGITAL SIGNAL PROCESSING	26	48	3
15A81A04C9	RT32043	DIGITAL COMMUNICATIONS	23	29	3
15A81A04C9	RT32044	MICROWAVE ENGINEERING	26	46	3
15A81A04C9	RT32045A	BIO MEDICAL ENGINEERING	20	50	3
15A81A04C9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	39	2
15A81A04C9	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A04C9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
15A81A04C9	RT32049	SEMINAR	45	0	1
15A81A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	25	3
15A81A04D0	RT32042	DIGITAL SIGNAL PROCESSING	22	32	3
15A81A04D0	RT32043	DIGITAL COMMUNICATIONS	24	32	3
15A81A04D0	RT32044	MICROWAVE ENGINEERING	25	18	0
15A81A04D0	RT32045A	BIO MEDICAL ENGINEERING	17	26	3
15A81A04D0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A04D0	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15A81A04D0	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15A81A04D0	RT32049	SEMINAR	45	0	1
15A81A04D1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	45	3
15A81A04D1	RT32042	DIGITAL SIGNAL PROCESSING	23	45	3
15A81A04D1	RT32043	DIGITAL COMMUNICATIONS	27	41	3
15A81A04D1	RT32044	MICROWAVE ENGINEERING	28	48	3
15A81A04D1	RT32045A	BIO MEDICAL ENGINEERING	21	51	3
15A81A04D1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15A81A04D1	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15A81A04D1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A04D1	RT32049	SEMINAR	49	0	1
15A81A04D2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	30	3
15A81A04D2	RT32042	DIGITAL SIGNAL PROCESSING	15	28	3
15A81A04D2	RT32043	DIGITAL COMMUNICATIONS	17	44	3
15A81A04D2	RT32044	MICROWAVE ENGINEERING	17	29	3
15A81A04D2	RT32045A	BIO MEDICAL ENGINEERING	10	19	0
15A81A04D2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	24	2
15A81A04D2	RT32047	DIGITAL COMMUNICATIONS LAB	18	38	2
15A81A04D2	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	32	2
15A81A04D2	RT32049	SEMINAR	21	0	1
15A81A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	48	3
15A81A04D3	RT32042	DIGITAL SIGNAL PROCESSING	25	37	3
15A81A04D3	RT32043	DIGITAL COMMUNICATIONS	21	24	3
15A81A04D3	RT32044	MICROWAVE ENGINEERING	19	17	0
15A81A04D3	RT32045A	BIO MEDICAL ENGINEERING	17	32	3
15A81A04D3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15A81A04D3	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15A81A04D3	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15A81A04D3	RT32049	SEMINAR	45	0	1
15A81A04D4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	39	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04D4	RT32042	DIGITAL SIGNAL PROCESSING	26	42	3
15A81A04D4	RT32043	DIGITAL COMMUNICATIONS	24	43	3
15A81A04D4	RT32044	MICROWAVE ENGINEERING	28	35	3
15A81A04D4	RT32045A	BIO MEDICAL ENGINEERING	20	47	3
15A81A04D4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15A81A04D4	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15A81A04D4	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15A81A04D4	RT32049	SEMINAR	45	0	1
15A81A04D5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15A81A04D5	RT32042	DIGITAL SIGNAL PROCESSING	26	40	3
15A81A04D5	RT32043	DIGITAL COMMUNICATIONS	26	37	3
15A81A04D5	RT32044	MICROWAVE ENGINEERING	25	50	3
15A81A04D5	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
15A81A04D5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15A81A04D5	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A04D5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15A81A04D5	RT32049	SEMINAR	40	0	1
15A81A04D6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	28	3
15A81A04D6	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15A81A04D6	RT32043	DIGITAL COMMUNICATIONS	23	40	3
15A81A04D6	RT32044	MICROWAVE ENGINEERING	14	33	3
15A81A04D6	RT32045A	BIO MEDICAL ENGINEERING	13	34	3
15A81A04D6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A81A04D6	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15A81A04D6	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	43	2
15A81A04D6	RT32049	SEMINAR	45	0	1
15A81A04D7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	50	3
15A81A04D7	RT32042	DIGITAL SIGNAL PROCESSING	28	47	3
15A81A04D7	RT32043	DIGITAL COMMUNICATIONS	21	29	3
15A81A04D7	RT32044	MICROWAVE ENGINEERING	28	32	3
15A81A04D7	RT32045A	BIO MEDICAL ENGINEERING	20	39	3
15A81A04D7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15A81A04D7	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15A81A04D7	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A04D7	RT32049	SEMINAR	48	0	1
15A81A04D8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	28	3
15A81A04D8	RT32042	DIGITAL SIGNAL PROCESSING	29	49	3
15A81A04D8	RT32043	DIGITAL COMMUNICATIONS	25	42	3
15A81A04D8	RT32044	MICROWAVE ENGINEERING	28	32	3
15A81A04D8	RT32045A	BIO MEDICAL ENGINEERING	26	45	3
15A81A04D8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A04D8	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
15A81A04D8	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15A81A04D8	RT32049	SEMINAR	48	0	1
15A81A04D9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	33	3
15A81A04D9	RT32042	DIGITAL SIGNAL PROCESSING	25	34	3
15A81A04D9	RT32043	DIGITAL COMMUNICATIONS	23	33	3
15A81A04D9	RT32044	MICROWAVE ENGINEERING	18	40	3
15A81A04D9	RT32045A	BIO MEDICAL ENGINEERING	19	41	3
15A81A04D9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04D9	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15A81A04D9	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15A81A04D9	RT32049	SEMINAR	45	0	1
15A81A04E0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15A81A04E0	RT32042	DIGITAL SIGNAL PROCESSING	26	38	3
15A81A04E0	RT32043	DIGITAL COMMUNICATIONS	27	54	3
15A81A04E0	RT32044	MICROWAVE ENGINEERING	26	64	3
15A81A04E0	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
15A81A04E0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A04E0	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15A81A04E0	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15A81A04E0	RT32049	SEMINAR	49	0	1
15A81A04E2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	35	3
15A81A04E2	RT32042	DIGITAL SIGNAL PROCESSING	27	48	3
15A81A04E2	RT32043	DIGITAL COMMUNICATIONS	26	38	3
15A81A04E2	RT32044	MICROWAVE ENGINEERING	26	37	3
15A81A04E2	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
15A81A04E2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	31	2
15A81A04E2	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15A81A04E2	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
15A81A04E2	RT32049	SEMINAR	50	0	1
15A81A04E3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	25	3
15A81A04E3	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
15A81A04E3	RT32043	DIGITAL COMMUNICATIONS	19	35	3
15A81A04E3	RT32044	MICROWAVE ENGINEERING	23	30	3
15A81A04E3	RT32045A	BIO MEDICAL ENGINEERING	16	34	3
15A81A04E3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15A81A04E3	RT32047	DIGITAL COMMUNICATIONS LAB	22	39	2
15A81A04E3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A04E3	RT32049	SEMINAR	35	0	1
15A81A04E4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
15A81A04E4	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15A81A04E4	RT32043	DIGITAL COMMUNICATIONS	26	33	3
15A81A04E4	RT32044	MICROWAVE ENGINEERING	22	28	3
15A81A04E4	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15A81A04E4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	24	2
15A81A04E4	RT32047	DIGITAL COMMUNICATIONS LAB	19	45	2
15A81A04E4	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
15A81A04E4	RT32049	SEMINAR	38	0	1
15A81A04E5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	39	3
15A81A04E5	RT32042	DIGITAL SIGNAL PROCESSING	26	44	3
15A81A04E5	RT32043	DIGITAL COMMUNICATIONS	27	38	3
15A81A04E5	RT32044	MICROWAVE ENGINEERING	26	53	3
15A81A04E5	RT32045A	BIO MEDICAL ENGINEERING	22	54	3
15A81A04E5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A04E5	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15A81A04E5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04E5	RT32049	SEMINAR	45	0	1
15A81A04E6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15A81A04E6	RT32042	DIGITAL SIGNAL PROCESSING	30	59	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04E6	RT32043	DIGITAL COMMUNICATIONS	26	45	3
15A81A04E6	RT32044	MICROWAVE ENGINEERING	28	37	3
15A81A04E6	RT32045A	BIO MEDICAL ENGINEERING	20	44	3
15A81A04E6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15A81A04E6	RT32047	DIGITAL COMMUNICATIONS LAB	24	34	2
15A81A04E6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A04E6	RT32049	SEMINAR	45	0	1
15A81A04E7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	9	0	0
15A81A04E7	RT32042	DIGITAL SIGNAL PROCESSING	11	9	0
15A81A04E7	RT32043	DIGITAL COMMUNICATIONS	13	8	0
15A81A04E7	RT32044	MICROWAVE ENGINEERING	11	0	0
15A81A04E7	RT32045A	BIO MEDICAL ENGINEERING	11	15	0
15A81A04E7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	37	2
15A81A04E7	RT32047	DIGITAL COMMUNICATIONS LAB	19	34	2
15A81A04E7	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	39	2
15A81A04E7	RT32049	SEMINAR	21	0	1
15A81A04E8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	31	3
15A81A04E8	RT32042	DIGITAL SIGNAL PROCESSING	22	8	0
15A81A04E8	RT32043	DIGITAL COMMUNICATIONS	22	0	0
15A81A04E8	RT32044	MICROWAVE ENGINEERING	24	28	3
15A81A04E8	RT32045A	BIO MEDICAL ENGINEERING	22	26	3
15A81A04E8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	37	2
15A81A04E8	RT32047	DIGITAL COMMUNICATIONS LAB	19	38	2
15A81A04E8	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	41	2
15A81A04E8	RT32049	SEMINAR	40	0	1
15A81A04E9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	40	3
15A81A04E9	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15A81A04E9	RT32043	DIGITAL COMMUNICATIONS	23	26	3
15A81A04E9	RT32044	MICROWAVE ENGINEERING	20	29	3
15A81A04E9	RT32045A	BIO MEDICAL ENGINEERING	20	30	3
15A81A04E9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15A81A04E9	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
15A81A04E9	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04E9	RT32049	SEMINAR	45	0	1
15A81A04F0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	48	3
15A81A04F0	RT32042	DIGITAL SIGNAL PROCESSING	28	57	3
15A81A04F0	RT32043	DIGITAL COMMUNICATIONS	26	33	3
15A81A04F0	RT32044	MICROWAVE ENGINEERING	29	47	3
15A81A04F0	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
15A81A04F0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15A81A04F0	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A04F0	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15A81A04F0	RT32049	SEMINAR	47	0	1
15A81A04F1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	13	0
15A81A04F1	RT32042	DIGITAL SIGNAL PROCESSING	21	50	3
15A81A04F1	RT32043	DIGITAL COMMUNICATIONS	21	29	3
15A81A04F1	RT32044	MICROWAVE ENGINEERING	21	28	3
15A81A04F1	RT32045A	BIO MEDICAL ENGINEERING	16	27	3
15A81A04F1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A81A04F1	RT32047	DIGITAL COMMUNICATIONS LAB	20	37	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04F1	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15A81A04F1	RT32049	SEMINAR	35	0	1
15A81A04F2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15A81A04F2	RT32042	DIGITAL SIGNAL PROCESSING	30	45	3
15A81A04F2	RT32043	DIGITAL COMMUNICATIONS	28	47	3
15A81A04F2	RT32044	MICROWAVE ENGINEERING	26	49	3
15A81A04F2	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
15A81A04F2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15A81A04F2	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15A81A04F2	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15A81A04F2	RT32049	SEMINAR	47	0	1
15A81A04F3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	27	3
15A81A04F3	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15A81A04F3	RT32043	DIGITAL COMMUNICATIONS	22	14	0
15A81A04F3	RT32044	MICROWAVE ENGINEERING	22	24	3
15A81A04F3	RT32045A	BIO MEDICAL ENGINEERING	21	25	3
15A81A04F3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15A81A04F3	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15A81A04F3	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15A81A04F3	RT32049	SEMINAR	40	0	1
15A81A04F4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	44	3
15A81A04F4	RT32042	DIGITAL SIGNAL PROCESSING	23	38	3
15A81A04F4	RT32043	DIGITAL COMMUNICATIONS	26	43	3
15A81A04F4	RT32044	MICROWAVE ENGINEERING	24	35	3
15A81A04F4	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
15A81A04F4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15A81A04F4	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
15A81A04F4	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15A81A04F4	RT32049	SEMINAR	35	0	1
15A81A04F5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15A81A04F5	RT32042	DIGITAL SIGNAL PROCESSING	15	12	0
15A81A04F5	RT32043	DIGITAL COMMUNICATIONS	23	30	3
15A81A04F5	RT32044	MICROWAVE ENGINEERING	25	19	0
15A81A04F5	RT32045A	BIO MEDICAL ENGINEERING	21	-1	0
15A81A04F5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A81A04F5	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2
15A81A04F5	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15A81A04F5	RT32049	SEMINAR	35	0	1
15A81A04F6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	4	0
15A81A04F6	RT32042	DIGITAL SIGNAL PROCESSING	17	14	0
15A81A04F6	RT32043	DIGITAL COMMUNICATIONS	12	0	0
15A81A04F6	RT32044	MICROWAVE ENGINEERING	17	12	0
15A81A04F6	RT32045A	BIO MEDICAL ENGINEERING	16	9	0
15A81A04F6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	31	2
15A81A04F6	RT32047	DIGITAL COMMUNICATIONS LAB	19	34	2
15A81A04F6	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15A81A04F6	RT32049	SEMINAR	38	0	1
15A81A04F7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	35	3
15A81A04F7	RT32042	DIGITAL SIGNAL PROCESSING	30	27	3
15A81A04F7	RT32043	DIGITAL COMMUNICATIONS	22	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04F7	RT32044	MICROWAVE ENGINEERING	22	24	3
15A81A04F7	RT32045A	BIO MEDICAL ENGINEERING	18	19	0
15A81A04F7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	38	2
15A81A04F7	RT32047	DIGITAL COMMUNICATIONS LAB	18	36	2
15A81A04F7	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
15A81A04F7	RT32049	SEMINAR	35	0	1
15A81A04F8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	44	3
15A81A04F8	RT32042	DIGITAL SIGNAL PROCESSING	28	52	3
15A81A04F8	RT32043	DIGITAL COMMUNICATIONS	27	35	3
15A81A04F8	RT32044	MICROWAVE ENGINEERING	26	44	3
15A81A04F8	RT32045A	BIO MEDICAL ENGINEERING	20	34	3
15A81A04F8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A04F8	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A04F8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15A81A04F8	RT32049	SEMINAR	49	0	1
15A81A04F9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	33	3
15A81A04F9	RT32042	DIGITAL SIGNAL PROCESSING	25	49	3
15A81A04F9	RT32043	DIGITAL COMMUNICATIONS	26	35	3
15A81A04F9	RT32044	MICROWAVE ENGINEERING	20	34	3
15A81A04F9	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
15A81A04F9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15A81A04F9	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
15A81A04F9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15A81A04F9	RT32049	SEMINAR	38	0	1
15A81A04G0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3
15A81A04G0	RT32042	DIGITAL SIGNAL PROCESSING	23	41	3
15A81A04G0	RT32043	DIGITAL COMMUNICATIONS	25	51	3
15A81A04G0	RT32044	MICROWAVE ENGINEERING	23	27	3
15A81A04G0	RT32045A	BIO MEDICAL ENGINEERING	19	29	3
15A81A04G0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15A81A04G0	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15A81A04G0	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
15A81A04G0	RT32049	SEMINAR	38	0	1
15A81A04G1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	47	3
15A81A04G1	RT32042	DIGITAL SIGNAL PROCESSING	24	29	3
15A81A04G1	RT32043	DIGITAL COMMUNICATIONS	27	31	3
15A81A04G1	RT32044	MICROWAVE ENGINEERING	29	61	3
15A81A04G1	RT32045A	BIO MEDICAL ENGINEERING	22	57	3
15A81A04G1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
15A81A04G1	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15A81A04G1	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15A81A04G1	RT32049	SEMINAR	45	0	1
15A81A04G2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	41	3
15A81A04G2	RT32042	DIGITAL SIGNAL PROCESSING	25	47	3
15A81A04G2	RT32043	DIGITAL COMMUNICATIONS	23	31	3
15A81A04G2	RT32044	MICROWAVE ENGINEERING	23	32	3
15A81A04G2	RT32045A	BIO MEDICAL ENGINEERING	17	43	3
15A81A04G2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15A81A04G2	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2
15A81A04G2	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2



Htno	Subcode	Subname	Internal	External	Credits
15A81A04G2	RT32049	SEMINAR	40	0	1
15A81A04G3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	40	3
15A81A04G3	RT32042	DIGITAL SIGNAL PROCESSING	28	50	3
15A81A04G3	RT32043	DIGITAL COMMUNICATIONS	25	46	3
15A81A04G3	RT32044	MICROWAVE ENGINEERING	26	42	3
15A81A04G3	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
15A81A04G3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A04G3	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A04G3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15A81A04G3	RT32049	SEMINAR	45	0	1
15A81A04G5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	27	3
15A81A04G5	RT32042	DIGITAL SIGNAL PROCESSING	26	31	3
15A81A04G5	RT32043	DIGITAL COMMUNICATIONS	25	31	3
15A81A04G5	RT32044	MICROWAVE ENGINEERING	22	43	3
15A81A04G5	RT32045A	BIO MEDICAL ENGINEERING	20	32	3
15A81A04G5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15A81A04G5	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15A81A04G5	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15A81A04G5	RT32049	SEMINAR	40	0	1
15A81A04G7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	10	0
15A81A04G7	RT32042	DIGITAL SIGNAL PROCESSING	30	25	3
15A81A04G7	RT32043	DIGITAL COMMUNICATIONS	21	33	3
15A81A04G7	RT32044	MICROWAVE ENGINEERING	22	24	3
15A81A04G7	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
15A81A04G7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15A81A04G7	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
15A81A04G7	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
15A81A04G7	RT32049	SEMINAR	40	0	1
15A81A04G8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	33	3
15A81A04G8	RT32042	DIGITAL SIGNAL PROCESSING	29	51	3
15A81A04G8	RT32043	DIGITAL COMMUNICATIONS	30	38	3
15A81A04G8	RT32044	MICROWAVE ENGINEERING	24	28	3
15A81A04G8	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
15A81A04G8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15A81A04G8	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15A81A04G8	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15A81A04G8	RT32049	SEMINAR	48	0	1
15A81A04G9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	10	0
15A81A04G9	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15A81A04G9	RT32043	DIGITAL COMMUNICATIONS	22	28	3
15A81A04G9	RT32044	MICROWAVE ENGINEERING	20	12	0
15A81A04G9	RT32045A	BIO MEDICAL ENGINEERING	18	26	3
15A81A04G9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15A81A04G9	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15A81A04G9	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15A81A04G9	RT32049	SEMINAR	40	0	1
15A81A04H0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	27	3
15A81A04H0	RT32042	DIGITAL SIGNAL PROCESSING	25	32	3
15A81A04H0	RT32043	DIGITAL COMMUNICATIONS	25	42	3
15A81A04H0	RT32044	MICROWAVE ENGINEERING	21	41	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04H0	RT32045A	BIO MEDICAL ENGINEERING	21	42	3
15A81A04H0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	42	2
15A81A04H0	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2
15A81A04H0	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15A81A04H0	RT32049	SEMINAR	45	0	1
15A81A04H2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	29	3
15A81A04H2	RT32042	DIGITAL SIGNAL PROCESSING	25	33	3
15A81A04H2	RT32043	DIGITAL COMMUNICATIONS	22	44	3
15A81A04H2	RT32044	MICROWAVE ENGINEERING	25	36	3
15A81A04H2	RT32045A	BIO MEDICAL ENGINEERING	19	70	3
15A81A04H2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15A81A04H2	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15A81A04H2	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15A81A04H2	RT32049	SEMINAR	48	0	1
15A81A04H3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	40	3
15A81A04H3	RT32042	DIGITAL SIGNAL PROCESSING	28	52	3
15A81A04H3	RT32043	DIGITAL COMMUNICATIONS	22	37	3
15A81A04H3	RT32044	MICROWAVE ENGINEERING	20	46	3
15A81A04H3	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15A81A04H3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	46	2
15A81A04H3	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
15A81A04H3	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15A81A04H3	RT32049	SEMINAR	48	0	1
15A81A04H4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	7	0
15A81A04H4	RT32042	DIGITAL SIGNAL PROCESSING	15	25	3
15A81A04H4	RT32043	DIGITAL COMMUNICATIONS	12	23	0
15A81A04H4	RT32044	MICROWAVE ENGINEERING	10	2	0
15A81A04H4	RT32045A	BIO MEDICAL ENGINEERING	12	7	0
15A81A04H4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
15A81A04H4	RT32047	DIGITAL COMMUNICATIONS LAB	17	31	2
15A81A04H4	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	44	2
15A81A04H4	RT32049	SEMINAR	45	0	1
15A81A04H5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
15A81A04H5	RT32042	DIGITAL SIGNAL PROCESSING	26	43	3
15A81A04H5	RT32043	DIGITAL COMMUNICATIONS	25	50	3
15A81A04H5	RT32044	MICROWAVE ENGINEERING	26	45	3
15A81A04H5	RT32045A	BIO MEDICAL ENGINEERING	22	32	3
15A81A04H5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	43	2
15A81A04H5	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15A81A04H5	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
15A81A04H5	RT32049	SEMINAR	30	0	1
15A81A04H7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	5	0
15A81A04H7	RT32042	DIGITAL SIGNAL PROCESSING	22	13	0
15A81A04H7	RT32043	DIGITAL COMMUNICATIONS	21	15	0
15A81A04H7	RT32044	MICROWAVE ENGINEERING	18	8	0
15A81A04H7	RT32045A	BIO MEDICAL ENGINEERING	10	22	0
15A81A04H7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	31	2
15A81A04H7	RT32047	DIGITAL COMMUNICATIONS LAB	20	35	2
15A81A04H7	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
15A81A04H7	RT32049	SEMINAR	30	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A0501	RT32051	SOFTWARE ENGINEERING	28	51	3
15A81A0501	RT32052	DATA WARE HOUSING AND MINING	21	51	3
15A81A0501	RT32053	COMPUTER NETWORKS	23	37	3
15A81A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	53	3
15A81A0501	RT32055	WEB TECHNOLOGIES	26	58	3
15A81A0501	RT32056	IPR AND PATENTS	24	34	2
15A81A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0501	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15A81A0501	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15A81A0502	RT32051	SOFTWARE ENGINEERING	15	25	3
15A81A0502	RT32052	DATA WARE HOUSING AND MINING	13	34	3
15A81A0502	RT32053	COMPUTER NETWORKS	14	9	0
15A81A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	30	3
15A81A0502	RT32055	WEB TECHNOLOGIES	22	24	3
15A81A0502	RT32056	IPR AND PATENTS	13	32	2
15A81A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	24	2
15A81A0502	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15A81A0502	RT32059	WEB TECHNOLOGIES LAB	19	25	2
15A81A0505	RT32051	SOFTWARE ENGINEERING	28	50	3
15A81A0505	RT32052	DATA WARE HOUSING AND MINING	27	34	3
15A81A0505	RT32053	COMPUTER NETWORKS	28	43	3
15A81A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	52	3
15A81A0505	RT32055	WEB TECHNOLOGIES	24	45	3
15A81A0505	RT32056	IPR AND PATENTS	23	58	2
15A81A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A0505	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15A81A0505	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15A81A0506	RT32051	SOFTWARE ENGINEERING	27	34	3
15A81A0506	RT32052	DATA WARE HOUSING AND MINING	23	28	3
15A81A0506	RT32053	COMPUTER NETWORKS	18	49	3
15A81A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15A81A0506	RT32055	WEB TECHNOLOGIES	23	45	3
15A81A0506	RT32056	IPR AND PATENTS	24	40	2
15A81A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15A81A0506	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15A81A0506	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15A81A0507	RT32051	SOFTWARE ENGINEERING	9	14	0
15A81A0507	RT32052	DATA WARE HOUSING AND MINING	10	0	0
15A81A0507	RT32053	COMPUTER NETWORKS	6	2	0
15A81A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	6	0
15A81A0507	RT32055	WEB TECHNOLOGIES	14	2	0
15A81A0507	RT32056	IPR AND PATENTS	8	24	0
15A81A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	7	-1	0
15A81A0507	RT32058	SOFTWARE ENGINEERING LAB	11	-1	0
15A81A0507	RT32059	WEB TECHNOLOGIES LAB	18	-1	0
15A81A0508	RT32051	SOFTWARE ENGINEERING	23	40	3
15A81A0508	RT32052	DATA WARE HOUSING AND MINING	20	25	3
15A81A0508	RT32053	COMPUTER NETWORKS	20	30	3
15A81A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	27	3
15A81A0508	RT32055	WEB TECHNOLOGIES	20	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0508	RT32056	IPR AND PATENTS	23	52	2
15A81A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15A81A0508	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A0508	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A0509	RT32051	SOFTWARE ENGINEERING	25	43	3
15A81A0509	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15A81A0509	RT32053	COMPUTER NETWORKS	23	27	3
15A81A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	49	3
15A81A0509	RT32055	WEB TECHNOLOGIES	20	44	3
15A81A0509	RT32056	IPR AND PATENTS	23	45	2
15A81A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15A81A0509	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0509	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15A81A0510	RT32051	SOFTWARE ENGINEERING	26	44	3
15A81A0510	RT32052	DATA WARE HOUSING AND MINING	23	39	3
15A81A0510	RT32053	COMPUTER NETWORKS	22	47	3
15A81A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	36	3
15A81A0510	RT32055	WEB TECHNOLOGIES	26	42	3
15A81A0510	RT32056	IPR AND PATENTS	24	70	2
15A81A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A0510	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15A81A0510	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A0511	RT32051	SOFTWARE ENGINEERING	15	25	3
15A81A0511	RT32052	DATA WARE HOUSING AND MINING	17	12	0
15A81A0511	RT32053	COMPUTER NETWORKS	17	17	0
15A81A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15A81A0511	RT32055	WEB TECHNOLOGIES	14	27	3
15A81A0511	RT32056	IPR AND PATENTS	21	24	2
15A81A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	22	2
15A81A0511	RT32058	SOFTWARE ENGINEERING LAB	18	40	2
15A81A0511	RT32059	WEB TECHNOLOGIES LAB	17	30	2
15A81A0512	RT32051	SOFTWARE ENGINEERING	18	8	0
15A81A0512	RT32052	DATA WARE HOUSING AND MINING	15	31	3
15A81A0512	RT32053	COMPUTER NETWORKS	20	12	0
15A81A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
15A81A0512	RT32055	WEB TECHNOLOGIES	22	10	0
15A81A0512	RT32056	IPR AND PATENTS	20	33	2
15A81A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	35	2
15A81A0512	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15A81A0512	RT32059	WEB TECHNOLOGIES LAB	20	35	2
15A81A0513	RT32051	SOFTWARE ENGINEERING	27	43	3
15A81A0513	RT32052	DATA WARE HOUSING AND MINING	18	27	3
15A81A0513	RT32053	COMPUTER NETWORKS	20	30	3
15A81A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	48	3
15A81A0513	RT32055	WEB TECHNOLOGIES	24	27	3
15A81A0513	RT32056	IPR AND PATENTS	22	46	2
15A81A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15A81A0513	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15A81A0513	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15A81A0514	RT32051	SOFTWARE ENGINEERING	27	39	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0514	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15A81A0514	RT32053	COMPUTER NETWORKS	26	46	3
15A81A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	39	3
15A81A0514	RT32055	WEB TECHNOLOGIES	26	43	3
15A81A0514	RT32056	IPR AND PATENTS	26	60	2
15A81A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15A81A0514	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15A81A0514	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15A81A0515	RT32051	SOFTWARE ENGINEERING	24	52	3
15A81A0515	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15A81A0515	RT32053	COMPUTER NETWORKS	17	44	3
15A81A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15A81A0515	RT32055	WEB TECHNOLOGIES	29	46	3
15A81A0515	RT32056	IPR AND PATENTS	23	37	2
15A81A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15A81A0515	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15A81A0515	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0516	RT32051	SOFTWARE ENGINEERING	22	29	3
15A81A0516	RT32052	DATA WARE HOUSING AND MINING	15	38	3
15A81A0516	RT32053	COMPUTER NETWORKS	18	24	3
15A81A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15A81A0516	RT32055	WEB TECHNOLOGIES	22	35	3
15A81A0516	RT32056	IPR AND PATENTS	20	32	2
15A81A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15A81A0516	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A0516	RT32059	WEB TECHNOLOGIES LAB	22	25	2
15A81A0517	RT32051	SOFTWARE ENGINEERING	27	50	3
15A81A0517	RT32052	DATA WARE HOUSING AND MINING	24	29	3
15A81A0517	RT32053	COMPUTER NETWORKS	23	41	3
15A81A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	33	3
15A81A0517	RT32055	WEB TECHNOLOGIES	25	54	3
15A81A0517	RT32056	IPR AND PATENTS	26	52	2
15A81A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A0517	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A0517	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A0518	RT32051	SOFTWARE ENGINEERING	26	37	3
15A81A0518	RT32052	DATA WARE HOUSING AND MINING	24	30	3
15A81A0518	RT32053	COMPUTER NETWORKS	26	47	3
15A81A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	41	3
15A81A0518	RT32055	WEB TECHNOLOGIES	22	44	3
15A81A0518	RT32056	IPR AND PATENTS	25	36	2
15A81A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A0518	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A0518	RT32059	WEB TECHNOLOGIES LAB	25	46	2
15A81A0519	RT32051	SOFTWARE ENGINEERING	26	42	3
15A81A0519	RT32052	DATA WARE HOUSING AND MINING	25	40	3
15A81A0519	RT32053	COMPUTER NETWORKS	25	44	3
15A81A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	45	3
15A81A0519	RT32055	WEB TECHNOLOGIES	24	39	3
15A81A0519	RT32056	IPR AND PATENTS	24	35	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15A81A0519	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15A81A0519	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15A81A0520	RT32051	SOFTWARE ENGINEERING	28	58	3
15A81A0520	RT32052	DATA WARE HOUSING AND MINING	25	34	3
15A81A0520	RT32053	COMPUTER NETWORKS	26	27	3
15A81A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	38	3
15A81A0520	RT32055	WEB TECHNOLOGIES	21	41	3
15A81A0520	RT32056	IPR AND PATENTS	21	63	2
15A81A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A0520	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A0520	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A0521	RT32051	SOFTWARE ENGINEERING	12	28	3
15A81A0521	RT32052	DATA WARE HOUSING AND MINING	12	10	0
15A81A0521	RT32053	COMPUTER NETWORKS	12	15	0
15A81A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	10	10	0
15A81A0521	RT32055	WEB TECHNOLOGIES	14	9	0
15A81A0521	RT32056	IPR AND PATENTS	8	36	2
15A81A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	26	2
15A81A0521	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15A81A0521	RT32059	WEB TECHNOLOGIES LAB	19	38	2
15A81A0522	RT32051	SOFTWARE ENGINEERING	21	30	3
15A81A0522	RT32052	DATA WARE HOUSING AND MINING	21	16	0
15A81A0522	RT32053	COMPUTER NETWORKS	23	36	3
15A81A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	32	3
15A81A0522	RT32055	WEB TECHNOLOGIES	22	28	3
15A81A0522	RT32056	IPR AND PATENTS	28	30	2
15A81A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15A81A0522	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A0522	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15A81A0523	RT32051	SOFTWARE ENGINEERING	26	59	3
15A81A0523	RT32052	DATA WARE HOUSING AND MINING	24	26	3
15A81A0523	RT32053	COMPUTER NETWORKS	22	49	3
15A81A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
15A81A0523	RT32055	WEB TECHNOLOGIES	26	45	3
15A81A0523	RT32056	IPR AND PATENTS	24	36	2
15A81A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0523	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0523	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A0524	RT32051	SOFTWARE ENGINEERING	14	52	3
15A81A0524	RT32052	DATA WARE HOUSING AND MINING	15	42	3
15A81A0524	RT32053	COMPUTER NETWORKS	18	26	3
15A81A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15A81A0524	RT32055	WEB TECHNOLOGIES	14	31	3
15A81A0524	RT32056	IPR AND PATENTS	24	55	2
15A81A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15A81A0524	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A0524	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A0525	RT32051	SOFTWARE ENGINEERING	26	45	3
15A81A0525	RT32052	DATA WARE HOUSING AND MINING	22	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0525	RT32053	COMPUTER NETWORKS	23	29	3
15A81A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15A81A0525	RT32055	WEB TECHNOLOGIES	25	38	3
15A81A0525	RT32056	IPR AND PATENTS	25	45	2
15A81A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15A81A0525	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15A81A0525	RT32059	WEB TECHNOLOGIES LAB	25	45	2
15A81A0526	RT32051	SOFTWARE ENGINEERING	27	36	3
15A81A0526	RT32052	DATA WARE HOUSING AND MINING	22	38	3
15A81A0526	RT32053	COMPUTER NETWORKS	27	46	3
15A81A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15A81A0526	RT32055	WEB TECHNOLOGIES	27	53	3
15A81A0526	RT32056	IPR AND PATENTS	25	40	2
15A81A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A0526	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15A81A0526	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0527	RT32051	SOFTWARE ENGINEERING	25	38	3
15A81A0527	RT32052	DATA WARE HOUSING AND MINING	19	12	0
15A81A0527	RT32053	COMPUTER NETWORKS	19	24	3
15A81A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15A81A0527	RT32055	WEB TECHNOLOGIES	23	39	3
15A81A0527	RT32056	IPR AND PATENTS	21	34	2
15A81A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15A81A0527	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15A81A0527	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15A81A0528	RT32051	SOFTWARE ENGINEERING	27	53	3
15A81A0528	RT32052	DATA WARE HOUSING AND MINING	27	41	3
15A81A0528	RT32053	COMPUTER NETWORKS	26	26	3
15A81A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	45	3
15A81A0528	RT32055	WEB TECHNOLOGIES	28	31	3
15A81A0528	RT32056	IPR AND PATENTS	24	47	2
15A81A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15A81A0528	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15A81A0528	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A0529	RT32051	SOFTWARE ENGINEERING	24	52	3
15A81A0529	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15A81A0529	RT32053	COMPUTER NETWORKS	27	32	3
15A81A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	34	3
15A81A0529	RT32055	WEB TECHNOLOGIES	26	48	3
15A81A0529	RT32056	IPR AND PATENTS	25	47	2
15A81A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15A81A0529	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15A81A0529	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A0530	RT32051	SOFTWARE ENGINEERING	23	28	3
15A81A0530	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15A81A0530	RT32053	COMPUTER NETWORKS	20	50	3
15A81A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
15A81A0530	RT32055	WEB TECHNOLOGIES	22	41	3
15A81A0530	RT32056	IPR AND PATENTS	23	29	2
15A81A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0530	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A0530	RT32059	WEB TECHNOLOGIES LAB	23	41	2
15A81A0531	RT32051	SOFTWARE ENGINEERING	29	49	3
15A81A0531	RT32052	DATA WARE HOUSING AND MINING	25	24	3
15A81A0531	RT32053	COMPUTER NETWORKS	19	44	3
15A81A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15A81A0531	RT32055	WEB TECHNOLOGIES	25	42	3
15A81A0531	RT32056	IPR AND PATENTS	24	36	2
15A81A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A0531	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15A81A0531	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15A81A0532	RT32051	SOFTWARE ENGINEERING	27	49	3
15A81A0532	RT32052	DATA WARE HOUSING AND MINING	22	39	3
15A81A0532	RT32053	COMPUTER NETWORKS	21	26	3
15A81A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15A81A0532	RT32055	WEB TECHNOLOGIES	23	31	3
15A81A0532	RT32056	IPR AND PATENTS	24	57	2
15A81A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15A81A0532	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A0532	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15A81A0533	RT32051	SOFTWARE ENGINEERING	22	42	3
15A81A0533	RT32052	DATA WARE HOUSING AND MINING	18	36	3
15A81A0533	RT32053	COMPUTER NETWORKS	23	38	3
15A81A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	33	3
15A81A0533	RT32055	WEB TECHNOLOGIES	24	55	3
15A81A0533	RT32056	IPR AND PATENTS	24	46	2
15A81A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15A81A0533	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A0533	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15A81A0534	RT32051	SOFTWARE ENGINEERING	26	33	3
15A81A0534	RT32052	DATA WARE HOUSING AND MINING	21	30	3
15A81A0534	RT32053	COMPUTER NETWORKS	20	42	3
15A81A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15A81A0534	RT32055	WEB TECHNOLOGIES	22	51	3
15A81A0534	RT32056	IPR AND PATENTS	24	36	2
15A81A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A0534	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15A81A0534	RT32059	WEB TECHNOLOGIES LAB	21	46	2
15A81A0536	RT32051	SOFTWARE ENGINEERING	26	49	3
15A81A0536	RT32052	DATA WARE HOUSING AND MINING	21	29	3
15A81A0536	RT32053	COMPUTER NETWORKS	18	40	3
15A81A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	43	3
15A81A0536	RT32055	WEB TECHNOLOGIES	26	45	3
15A81A0536	RT32056	IPR AND PATENTS	23	40	2
15A81A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15A81A0536	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15A81A0536	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A0537	RT32051	SOFTWARE ENGINEERING	18	22	0
15A81A0537	RT32052	DATA WARE HOUSING AND MINING	13	11	0
15A81A0537	RT32053	COMPUTER NETWORKS	18	16	0



Htno	Subcode	Subname	Internal	External	Credits
15A81A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	19	0
15A81A0537	RT32055	WEB TECHNOLOGIES	14	6	0
15A81A0537	RT32056	IPR AND PATENTS	20	15	0
15A81A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	9	33	2
15A81A0537	RT32058	SOFTWARE ENGINEERING LAB	16	35	2
15A81A0537	RT32059	WEB TECHNOLOGIES LAB	19	39	2
15A81A0538	RT32051	SOFTWARE ENGINEERING	24	54	3
15A81A0538	RT32052	DATA WARE HOUSING AND MINING	18	26	3
15A81A0538	RT32053	COMPUTER NETWORKS	19	36	3
15A81A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15A81A0538	RT32055	WEB TECHNOLOGIES	24	53	3
15A81A0538	RT32056	IPR AND PATENTS	22	46	2
15A81A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15A81A0538	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15A81A0538	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0539	RT32051	SOFTWARE ENGINEERING	22	30	3
15A81A0539	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15A81A0539	RT32053	COMPUTER NETWORKS	20	40	3
15A81A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15A81A0539	RT32055	WEB TECHNOLOGIES	20	49	3
15A81A0539	RT32056	IPR AND PATENTS	17	35	2
15A81A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15A81A0539	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A0539	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A0540	RT32051	SOFTWARE ENGINEERING	28	61	3
15A81A0540	RT32052	DATA WARE HOUSING AND MINING	23	39	3
15A81A0540	RT32053	COMPUTER NETWORKS	22	41	3
15A81A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15A81A0540	RT32055	WEB TECHNOLOGIES	24	50	3
15A81A0540	RT32056	IPR AND PATENTS	27	47	2
15A81A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0540	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15A81A0540	RT32059	WEB TECHNOLOGIES LAB	24	40	2
15A81A0541	RT32051	SOFTWARE ENGINEERING	24	30	3
15A81A0541	RT32052	DATA WARE HOUSING AND MINING	18	29	3
15A81A0541	RT32053	COMPUTER NETWORKS	20	24	3
15A81A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15A81A0541	RT32055	WEB TECHNOLOGIES	16	26	3
15A81A0541	RT32056	IPR AND PATENTS	17	33	2
15A81A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15A81A0541	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A0541	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A0542	RT32051	SOFTWARE ENGINEERING	21	47	3
15A81A0542	RT32052	DATA WARE HOUSING AND MINING	17	25	3
15A81A0542	RT32053	COMPUTER NETWORKS	19	28	3
15A81A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	33	3
15A81A0542	RT32055	WEB TECHNOLOGIES	11	42	3
15A81A0542	RT32056	IPR AND PATENTS	22	49	2
15A81A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15A81A0542	RT32058	SOFTWARE ENGINEERING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0542	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15A81A0543	RT32051	SOFTWARE ENGINEERING	26	35	3
15A81A0543	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15A81A0543	RT32053	COMPUTER NETWORKS	27	52	3
15A81A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
15A81A0543	RT32055	WEB TECHNOLOGIES	25	52	3
15A81A0543	RT32056	IPR AND PATENTS	23	43	2
15A81A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A0543	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15A81A0543	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A0544	RT32051	SOFTWARE ENGINEERING	15	32	3
15A81A0544	RT32052	DATA WARE HOUSING AND MINING	14	16	0
15A81A0544	RT32053	COMPUTER NETWORKS	18	24	3
15A81A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	34	3
15A81A0544	RT32055	WEB TECHNOLOGIES	16	43	3
15A81A0544	RT32056	IPR AND PATENTS	24	37	2
15A81A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	30	2
15A81A0544	RT32058	SOFTWARE ENGINEERING LAB	18	35	2
15A81A0544	RT32059	WEB TECHNOLOGIES LAB	18	30	2
15A81A0545	RT32051	SOFTWARE ENGINEERING	26	62	3
15A81A0545	RT32052	DATA WARE HOUSING AND MINING	25	41	3
15A81A0545	RT32053	COMPUTER NETWORKS	24	28	3
15A81A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	41	3
15A81A0545	RT32055	WEB TECHNOLOGIES	24	29	3
15A81A0545	RT32056	IPR AND PATENTS	22	40	2
15A81A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15A81A0545	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A0545	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A0546	RT32051	SOFTWARE ENGINEERING	25	45	3
15A81A0546	RT32052	DATA WARE HOUSING AND MINING	28	45	3
15A81A0546	RT32053	COMPUTER NETWORKS	23	41	3
15A81A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15A81A0546	RT32055	WEB TECHNOLOGIES	25	57	3
15A81A0546	RT32056	IPR AND PATENTS	26	50	2
15A81A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15A81A0546	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15A81A0546	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0547	RT32051	SOFTWARE ENGINEERING	28	39	3
15A81A0547	RT32052	DATA WARE HOUSING AND MINING	27	26	3
15A81A0547	RT32053	COMPUTER NETWORKS	27	49	3
15A81A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15A81A0547	RT32055	WEB TECHNOLOGIES	27	50	3
15A81A0547	RT32056	IPR AND PATENTS	24	40	2
15A81A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15A81A0547	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A0547	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A0548	RT32051	SOFTWARE ENGINEERING	19	30	3
15A81A0548	RT32052	DATA WARE HOUSING AND MINING	11	2	0
15A81A0548	RT32053	COMPUTER NETWORKS	11	29	3
15A81A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	9	9	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0548	RT32055	WEB TECHNOLOGIES	13	19	0
15A81A0548	RT32056	IPR AND PATENTS	18	29	2
15A81A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	4	-1	0
15A81A0548	RT32058	SOFTWARE ENGINEERING LAB	17	-1	0
15A81A0548	RT32059	WEB TECHNOLOGIES LAB	16	-1	0
15A81A0549	RT32051	SOFTWARE ENGINEERING	22	52	3
15A81A0549	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15A81A0549	RT32053	COMPUTER NETWORKS	20	24	3
15A81A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	46	3
15A81A0549	RT32055	WEB TECHNOLOGIES	21	33	3
15A81A0549	RT32056	IPR AND PATENTS	22	32	2
15A81A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15A81A0549	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15A81A0549	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A0550	RT32051	SOFTWARE ENGINEERING	19	44	3
15A81A0550	RT32052	DATA WARE HOUSING AND MINING	22	15	0
15A81A0550	RT32053	COMPUTER NETWORKS	19	24	3
15A81A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15A81A0550	RT32055	WEB TECHNOLOGIES	24	52	3
15A81A0550	RT32056	IPR AND PATENTS	22	45	2
15A81A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15A81A0550	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0550	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0551	RT32051	SOFTWARE ENGINEERING	29	37	3
15A81A0551	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15A81A0551	RT32053	COMPUTER NETWORKS	26	47	3
15A81A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15A81A0551	RT32055	WEB TECHNOLOGIES	25	53	3
15A81A0551	RT32056	IPR AND PATENTS	23	49	2
15A81A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15A81A0551	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15A81A0551	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A0552	RT32051	SOFTWARE ENGINEERING	28	55	3
15A81A0552	RT32052	DATA WARE HOUSING AND MINING	27	32	3
15A81A0552	RT32053	COMPUTER NETWORKS	26	38	3
15A81A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	51	3
15A81A0552	RT32055	WEB TECHNOLOGIES	25	47	3
15A81A0552	RT32056	IPR AND PATENTS	25	46	2
15A81A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15A81A0552	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15A81A0552	RT32059	WEB TECHNOLOGIES LAB	25	44	2
15A81A0553	RT32051	SOFTWARE ENGINEERING	17	35	3
15A81A0553	RT32052	DATA WARE HOUSING AND MINING	13	29	3
15A81A0553	RT32053	COMPUTER NETWORKS	14	21	0
15A81A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	37	3
15A81A0553	RT32055	WEB TECHNOLOGIES	17	24	3
15A81A0553	RT32056	IPR AND PATENTS	19	33	2
15A81A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	35	2
15A81A0553	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15A81A0553	RT32059	WEB TECHNOLOGIES LAB	20	38	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0554	RT32051	SOFTWARE ENGINEERING	28	52	3
15A81A0554	RT32052	DATA WARE HOUSING AND MINING	25	52	3
15A81A0554	RT32053	COMPUTER NETWORKS	26	44	3
15A81A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15A81A0554	RT32055	WEB TECHNOLOGIES	26	56	3
15A81A0554	RT32056	IPR AND PATENTS	25	59	2
15A81A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0554	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15A81A0554	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A0555	RT32051	SOFTWARE ENGINEERING	25	42	3
15A81A0555	RT32052	DATA WARE HOUSING AND MINING	24	31	3
15A81A0555	RT32053	COMPUTER NETWORKS	20	50	3
15A81A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	35	3
15A81A0555	RT32055	WEB TECHNOLOGIES	26	53	3
15A81A0555	RT32056	IPR AND PATENTS	25	46	2
15A81A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A0555	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A0555	RT32059	WEB TECHNOLOGIES LAB	24	43	2
15A81A0556	RT32051	SOFTWARE ENGINEERING	25	52	3
15A81A0556	RT32052	DATA WARE HOUSING AND MINING	22	37	3
15A81A0556	RT32053	COMPUTER NETWORKS	16	32	3
15A81A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15A81A0556	RT32055	WEB TECHNOLOGIES	19	38	3
15A81A0556	RT32056	IPR AND PATENTS	26	45	2
15A81A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0556	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0556	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15A81A0557	RT32051	SOFTWARE ENGINEERING	21	36	3
15A81A0557	RT32052	DATA WARE HOUSING AND MINING	19	18	0
15A81A0557	RT32053	COMPUTER NETWORKS	21	17	0
15A81A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	26	3
15A81A0557	RT32055	WEB TECHNOLOGIES	17	24	3
15A81A0557	RT32056	IPR AND PATENTS	23	28	2
15A81A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15A81A0557	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A0557	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A0558	RT32051	SOFTWARE ENGINEERING	22	51	3
15A81A0558	RT32052	DATA WARE HOUSING AND MINING	25	48	3
15A81A0558	RT32053	COMPUTER NETWORKS	22	28	3
15A81A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15A81A0558	RT32055	WEB TECHNOLOGIES	22	59	3
15A81A0558	RT32056	IPR AND PATENTS	22	46	2
15A81A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15A81A0558	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0558	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15A81A0559	RT32051	SOFTWARE ENGINEERING	23	-1	0
15A81A0559	RT32052	DATA WARE HOUSING AND MINING	16	16	0
15A81A0559	RT32053	COMPUTER NETWORKS	20	28	3
15A81A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	14	0
15A81A0559	RT32055	WEB TECHNOLOGIES	20	14	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0559	RT32056	IPR AND PATENTS	23	29	2
15A81A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	29	2
15A81A0559	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15A81A0559	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15A81A0560	RT32051	SOFTWARE ENGINEERING	26	50	3
15A81A0560	RT32052	DATA WARE HOUSING AND MINING	16	40	3
15A81A0560	RT32053	COMPUTER NETWORKS	21	32	3
15A81A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15A81A0560	RT32055	WEB TECHNOLOGIES	23	44	3
15A81A0560	RT32056	IPR AND PATENTS	23	50	2
15A81A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15A81A0560	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0560	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15A81A0561	RT32051	SOFTWARE ENGINEERING	17	25	3
15A81A0561	RT32052	DATA WARE HOUSING AND MINING	17	15	0
15A81A0561	RT32053	COMPUTER NETWORKS	18	17	0
15A81A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	28	3
15A81A0561	RT32055	WEB TECHNOLOGIES	22	24	3
15A81A0561	RT32056	IPR AND PATENTS	20	33	2
15A81A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15A81A0561	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A0561	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A0562	RT32051	SOFTWARE ENGINEERING	25	43	3
15A81A0562	RT32052	DATA WARE HOUSING AND MINING	28	52	3
15A81A0562	RT32053	COMPUTER NETWORKS	23	44	3
15A81A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	45	3
15A81A0562	RT32055	WEB TECHNOLOGIES	25	56	3
15A81A0562	RT32056	IPR AND PATENTS	25	51	2
15A81A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	33	2
15A81A0562	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15A81A0562	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A0563	RT32051	SOFTWARE ENGINEERING	25	31	3
15A81A0563	RT32052	DATA WARE HOUSING AND MINING	21	48	3
15A81A0563	RT32053	COMPUTER NETWORKS	24	43	3
15A81A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15A81A0563	RT32055	WEB TECHNOLOGIES	27	52	3
15A81A0563	RT32056	IPR AND PATENTS	23	30	2
15A81A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15A81A0563	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15A81A0563	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A0564	RT32051	SOFTWARE ENGINEERING	17	38	3
15A81A0564	RT32052	DATA WARE HOUSING AND MINING	14	34	3
15A81A0564	RT32053	COMPUTER NETWORKS	18	37	3
15A81A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	26	3
15A81A0564	RT32055	WEB TECHNOLOGIES	16	31	3
15A81A0564	RT32056	IPR AND PATENTS	23	44	2
15A81A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	35	2
15A81A0564	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15A81A0564	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A0565	RT32051	SOFTWARE ENGINEERING	25	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0565	RT32052	DATA WARE HOUSING AND MINING	23	39	3
15A81A0565	RT32053	COMPUTER NETWORKS	23	26	3
15A81A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	46	3
15A81A0565	RT32055	WEB TECHNOLOGIES	27	36	3
15A81A0565	RT32056	IPR AND PATENTS	25	40	2
15A81A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15A81A0565	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15A81A0565	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A0566	RT32051	SOFTWARE ENGINEERING	18	32	3
15A81A0566	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15A81A0566	RT32053	COMPUTER NETWORKS	13	20	0
15A81A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	38	3
15A81A0566	RT32055	WEB TECHNOLOGIES	19	39	3
15A81A0566	RT32056	IPR AND PATENTS	23	44	2
15A81A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	34	2
15A81A0566	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A0566	RT32059	WEB TECHNOLOGIES LAB	21	38	2
15A81A0567	RT32051	SOFTWARE ENGINEERING	24	33	3
15A81A0567	RT32052	DATA WARE HOUSING AND MINING	19	28	3
15A81A0567	RT32053	COMPUTER NETWORKS	16	46	3
15A81A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	28	3
15A81A0567	RT32055	WEB TECHNOLOGIES	18	46	3
15A81A0567	RT32056	IPR AND PATENTS	22	40	2
15A81A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	36	2
15A81A0567	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A0567	RT32059	WEB TECHNOLOGIES LAB	23	33	2
15A81A0568	RT32051	SOFTWARE ENGINEERING	21	24	3
15A81A0568	RT32052	DATA WARE HOUSING AND MINING	8	10	0
15A81A0568	RT32053	COMPUTER NETWORKS	20	2	0
15A81A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	9	0
15A81A0568	RT32055	WEB TECHNOLOGIES	10	3	0
15A81A0568	RT32056	IPR AND PATENTS	22	25	2
15A81A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	41	2
15A81A0568	RT32058	SOFTWARE ENGINEERING LAB	20	48	2
15A81A0568	RT32059	WEB TECHNOLOGIES LAB	19	31	2
15A81A0569	RT32051	SOFTWARE ENGINEERING	22	39	3
15A81A0569	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15A81A0569	RT32053	COMPUTER NETWORKS	20	25	3
15A81A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	40	3
15A81A0569	RT32055	WEB TECHNOLOGIES	27	28	3
15A81A0569	RT32056	IPR AND PATENTS	23	32	2
15A81A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15A81A0569	RT32058	SOFTWARE ENGINEERING LAB	24	42	2
15A81A0569	RT32059	WEB TECHNOLOGIES LAB	19	38	2
15A81A0570	RT32051	SOFTWARE ENGINEERING	19	24	3
15A81A0570	RT32052	DATA WARE HOUSING AND MINING	14	18	0
15A81A0570	RT32053	COMPUTER NETWORKS	20	18	0
15A81A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	13	0
15A81A0570	RT32055	WEB TECHNOLOGIES	19	30	3
15A81A0570	RT32056	IPR AND PATENTS	18	35	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	39	2
15A81A0570	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
15A81A0570	RT32059	WEB TECHNOLOGIES LAB	19	32	2
15A81A0571	RT32051	SOFTWARE ENGINEERING	22	35	3
15A81A0571	RT32052	DATA WARE HOUSING AND MINING	22	30	3
15A81A0571	RT32053	COMPUTER NETWORKS	19	39	3
15A81A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	34	3
15A81A0571	RT32055	WEB TECHNOLOGIES	22	42	3
15A81A0571	RT32056	IPR AND PATENTS	23	35	2
15A81A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15A81A0571	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A0571	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15A81A0572	RT32051	SOFTWARE ENGINEERING	17	43	3
15A81A0572	RT32052	DATA WARE HOUSING AND MINING	18	36	3
15A81A0572	RT32053	COMPUTER NETWORKS	18	28	3
15A81A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	29	3
15A81A0572	RT32055	WEB TECHNOLOGIES	17	35	3
15A81A0572	RT32056	IPR AND PATENTS	22	40	2
15A81A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	36	2
15A81A0572	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15A81A0572	RT32059	WEB TECHNOLOGIES LAB	22	36	2
15A81A0573	RT32051	SOFTWARE ENGINEERING	26	47	3
15A81A0573	RT32052	DATA WARE HOUSING AND MINING	27	51	3
15A81A0573	RT32053	COMPUTER NETWORKS	20	29	3
15A81A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	62	3
15A81A0573	RT32055	WEB TECHNOLOGIES	27	40	3
15A81A0573	RT32056	IPR AND PATENTS	26	44	2
15A81A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15A81A0573	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15A81A0573	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A0574	RT32051	SOFTWARE ENGINEERING	23	35	3
15A81A0574	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15A81A0574	RT32053	COMPUTER NETWORKS	21	24	3
15A81A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
15A81A0574	RT32055	WEB TECHNOLOGIES	23	46	3
15A81A0574	RT32056	IPR AND PATENTS	23	43	2
15A81A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	35	2
15A81A0574	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
15A81A0574	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A0575	RT32051	SOFTWARE ENGINEERING	27	32	3
15A81A0575	RT32052	DATA WARE HOUSING AND MINING	26	36	3
15A81A0575	RT32053	COMPUTER NETWORKS	21	47	3
15A81A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	35	3
15A81A0575	RT32055	WEB TECHNOLOGIES	24	48	3
15A81A0575	RT32056	IPR AND PATENTS	22	39	2
15A81A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15A81A0575	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A0575	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A0576	RT32051	SOFTWARE ENGINEERING	27	42	3
15A81A0576	RT32052	DATA WARE HOUSING AND MINING	27	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0576	RT32053	COMPUTER NETWORKS	23	31	3
15A81A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15A81A0576	RT32055	WEB TECHNOLOGIES	23	44	3
15A81A0576	RT32056	IPR AND PATENTS	24	34	2
15A81A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15A81A0576	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0576	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A0577	RT32051	SOFTWARE ENGINEERING	13	27	3
15A81A0577	RT32052	DATA WARE HOUSING AND MINING	10	19	0
15A81A0577	RT32053	COMPUTER NETWORKS	11	20	0
15A81A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	34	3
15A81A0577	RT32055	WEB TECHNOLOGIES	9	13	0
15A81A0577	RT32056	IPR AND PATENTS	24	33	2
15A81A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	34	2
15A81A0577	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A0577	RT32059	WEB TECHNOLOGIES LAB	19	31	2
15A81A0578	RT32051	SOFTWARE ENGINEERING	22	46	3
15A81A0578	RT32052	DATA WARE HOUSING AND MINING	21	44	3
15A81A0578	RT32053	COMPUTER NETWORKS	21	29	3
15A81A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
15A81A0578	RT32055	WEB TECHNOLOGIES	19	49	3
15A81A0578	RT32056	IPR AND PATENTS	21	49	2
15A81A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	36	2
15A81A0578	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A0578	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15A81A0579	RT32051	SOFTWARE ENGINEERING	25	33	3
15A81A0579	RT32052	DATA WARE HOUSING AND MINING	25	39	3
15A81A0579	RT32053	COMPUTER NETWORKS	22	48	3
15A81A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	35	3
15A81A0579	RT32055	WEB TECHNOLOGIES	25	36	3
15A81A0579	RT32056	IPR AND PATENTS	26	35	2
15A81A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15A81A0579	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A0579	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15A81A0580	RT32051	SOFTWARE ENGINEERING	27	60	3
15A81A0580	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15A81A0580	RT32053	COMPUTER NETWORKS	24	41	3
15A81A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	45	3
15A81A0580	RT32055	WEB TECHNOLOGIES	25	47	3
15A81A0580	RT32056	IPR AND PATENTS	23	38	2
15A81A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A0580	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A0580	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A0581	RT32051	SOFTWARE ENGINEERING	23	47	3
15A81A0581	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15A81A0581	RT32053	COMPUTER NETWORKS	21	45	3
15A81A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	44	3
15A81A0581	RT32055	WEB TECHNOLOGIES	26	38	3
15A81A0581	RT32056	IPR AND PATENTS	25	56	2
15A81A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2



Htno	Subcode	Subname	Internal	External	Credits
15A81A0581	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A0581	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A0582	RT32051	SOFTWARE ENGINEERING	21	30	3
15A81A0582	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15A81A0582	RT32053	COMPUTER NETWORKS	16	28	3
15A81A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	27	3
15A81A0582	RT32055	WEB TECHNOLOGIES	23	32	3
15A81A0582	RT32056	IPR AND PATENTS	24	37	2
15A81A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15A81A0582	RT32058	SOFTWARE ENGINEERING LAB	25	41	2
15A81A0582	RT32059	WEB TECHNOLOGIES LAB	22	36	2
15A81A0583	RT32051	SOFTWARE ENGINEERING	22	26	3
15A81A0583	RT32052	DATA WARE HOUSING AND MINING	13	16	0
15A81A0583	RT32053	COMPUTER NETWORKS	15	40	3
15A81A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	27	3
15A81A0583	RT32055	WEB TECHNOLOGIES	23	43	3
15A81A0583	RT32056	IPR AND PATENTS	17	43	2
15A81A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A0583	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
15A81A0583	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15A81A0584	RT32051	SOFTWARE ENGINEERING	21	46	3
15A81A0584	RT32052	DATA WARE HOUSING AND MINING	20	36	3
15A81A0584	RT32053	COMPUTER NETWORKS	20	26	3
15A81A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	37	3
15A81A0584	RT32055	WEB TECHNOLOGIES	19	42	3
15A81A0584	RT32056	IPR AND PATENTS	24	31	2
15A81A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	30	2
15A81A0584	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
15A81A0584	RT32059	WEB TECHNOLOGIES LAB	18	32	2
15A81A0585	RT32051	SOFTWARE ENGINEERING	20	58	3
15A81A0585	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15A81A0585	RT32053	COMPUTER NETWORKS	20	29	3
15A81A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	40	3
15A81A0585	RT32055	WEB TECHNOLOGIES	18	31	3
15A81A0585	RT32056	IPR AND PATENTS	21	56	2
15A81A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15A81A0585	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15A81A0585	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15A81A0586	RT32051	SOFTWARE ENGINEERING	24	39	3
15A81A0586	RT32052	DATA WARE HOUSING AND MINING	17	41	3
15A81A0586	RT32053	COMPUTER NETWORKS	18	24	3
15A81A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	35	3
15A81A0586	RT32055	WEB TECHNOLOGIES	26	45	3
15A81A0586	RT32056	IPR AND PATENTS	26	42	2
15A81A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15A81A0586	RT32058	SOFTWARE ENGINEERING LAB	21	48	2
15A81A0586	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15A81A0587	RT32051	SOFTWARE ENGINEERING	20	32	3
15A81A0587	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15A81A0587	RT32053	COMPUTER NETWORKS	21	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
15A81A0587	RT32055	WEB TECHNOLOGIES	22	48	3
15A81A0587	RT32056	IPR AND PATENTS	23	37	2
15A81A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15A81A0587	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15A81A0587	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15A81A0588	RT32051	SOFTWARE ENGINEERING	22	31	3
15A81A0588	RT32052	DATA WARE HOUSING AND MINING	15	31	3
15A81A0588	RT32053	COMPUTER NETWORKS	20	33	3
15A81A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	32	3
15A81A0588	RT32055	WEB TECHNOLOGIES	18	44	3
15A81A0588	RT32056	IPR AND PATENTS	25	33	2
15A81A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	36	2
15A81A0588	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15A81A0588	RT32059	WEB TECHNOLOGIES LAB	19	34	2
15A81A0589	RT32051	SOFTWARE ENGINEERING	29	47	3
15A81A0589	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15A81A0589	RT32053	COMPUTER NETWORKS	24	27	3
15A81A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15A81A0589	RT32055	WEB TECHNOLOGIES	26	34	3
15A81A0589	RT32056	IPR AND PATENTS	25	48	2
15A81A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	36	2
15A81A0589	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A0589	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A0590	RT32051	SOFTWARE ENGINEERING	23	30	3
15A81A0590	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15A81A0590	RT32053	COMPUTER NETWORKS	16	24	3
15A81A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	27	3
15A81A0590	RT32055	WEB TECHNOLOGIES	18	40	3
15A81A0590	RT32056	IPR AND PATENTS	23	44	2
15A81A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	35	2
15A81A0590	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A0590	RT32059	WEB TECHNOLOGIES LAB	24	41	2
15A81A0591	RT32051	SOFTWARE ENGINEERING	24	35	3
15A81A0591	RT32052	DATA WARE HOUSING AND MINING	17	35	3
15A81A0591	RT32053	COMPUTER NETWORKS	18	47	3
15A81A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	34	3
15A81A0591	RT32055	WEB TECHNOLOGIES	22	39	3
15A81A0591	RT32056	IPR AND PATENTS	21	33	2
15A81A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	36	2
15A81A0591	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
15A81A0591	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15A81A0592	RT32051	SOFTWARE ENGINEERING	17	26	3
15A81A0592	RT32052	DATA WARE HOUSING AND MINING	8	7	0
15A81A0592	RT32053	COMPUTER NETWORKS	14	4	0
15A81A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	5	0
15A81A0592	RT32055	WEB TECHNOLOGIES	12	0	0
15A81A0592	RT32056	IPR AND PATENTS	16	25	2
15A81A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
15A81A0592	RT32058	SOFTWARE ENGINEERING LAB	20	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0592	RT32059	WEB TECHNOLOGIES LAB	19	32	2
15A81A0593	RT32051	SOFTWARE ENGINEERING	26	47	3
15A81A0593	RT32052	DATA WARE HOUSING AND MINING	20	27	3
15A81A0593	RT32053	COMPUTER NETWORKS	22	24	3
15A81A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15A81A0593	RT32055	WEB TECHNOLOGIES	21	29	3
15A81A0593	RT32056	IPR AND PATENTS	24	47	2
15A81A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15A81A0593	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A0593	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15A81A0594	RT32051	SOFTWARE ENGINEERING	19	35	3
15A81A0594	RT32052	DATA WARE HOUSING AND MINING	26	38	3
15A81A0594	RT32053	COMPUTER NETWORKS	21	37	3
15A81A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
15A81A0594	RT32055	WEB TECHNOLOGIES	20	41	3
15A81A0594	RT32056	IPR AND PATENTS	22	46	2
15A81A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A0594	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A0594	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A0595	RT32051	SOFTWARE ENGINEERING	25	31	3
15A81A0595	RT32052	DATA WARE HOUSING AND MINING	27	28	3
15A81A0595	RT32053	COMPUTER NETWORKS	22	46	3
15A81A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	28	3
15A81A0595	RT32055	WEB TECHNOLOGIES	27	44	3
15A81A0595	RT32056	IPR AND PATENTS	23	47	2
15A81A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	38	2
15A81A0595	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A0595	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A0596	RT32051	SOFTWARE ENGINEERING	25	47	3
15A81A0596	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15A81A0596	RT32053	COMPUTER NETWORKS	20	38	3
15A81A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15A81A0596	RT32055	WEB TECHNOLOGIES	25	35	3
15A81A0596	RT32056	IPR AND PATENTS	26	36	2
15A81A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	39	2
15A81A0596	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A0596	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15A81A0597	RT32051	SOFTWARE ENGINEERING	25	39	3
15A81A0597	RT32052	DATA WARE HOUSING AND MINING	25	30	3
15A81A0597	RT32053	COMPUTER NETWORKS	19	29	3
15A81A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	35	3
15A81A0597	RT32055	WEB TECHNOLOGIES	24	26	3
15A81A0597	RT32056	IPR AND PATENTS	25	51	2
15A81A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
15A81A0597	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15A81A0597	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A0598	RT32051	SOFTWARE ENGINEERING	17	24	3
15A81A0598	RT32052	DATA WARE HOUSING AND MINING	12	21	0
15A81A0598	RT32053	COMPUTER NETWORKS	16	27	3
15A81A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	11	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0598	RT32055	WEB TECHNOLOGIES	12	35	3
15A81A0598	RT32056	IPR AND PATENTS	23	46	2
15A81A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	36	2
15A81A0598	RT32058	SOFTWARE ENGINEERING LAB	20	38	2
15A81A0598	RT32059	WEB TECHNOLOGIES LAB	20	32	2
15A81A0599	RT32051	SOFTWARE ENGINEERING	22	36	3
15A81A0599	RT32052	DATA WARE HOUSING AND MINING	26	31	3
15A81A0599	RT32053	COMPUTER NETWORKS	24	58	3
15A81A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	43	3
15A81A0599	RT32055	WEB TECHNOLOGIES	26	47	3
15A81A0599	RT32056	IPR AND PATENTS	24	42	2
15A81A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A0599	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15A81A0599	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05A0	RT32051	SOFTWARE ENGINEERING	21	28	3
15A81A05A0	RT32052	DATA WARE HOUSING AND MINING	12	28	3
15A81A05A0	RT32053	COMPUTER NETWORKS	15	25	3
15A81A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15A81A05A0	RT32055	WEB TECHNOLOGIES	17	29	3
15A81A05A0	RT32056	IPR AND PATENTS	21	34	2
15A81A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	38	2
15A81A05A0	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15A81A05A0	RT32059	WEB TECHNOLOGIES LAB	20	36	2
15A81A05A1	RT32051	SOFTWARE ENGINEERING	27	48	3
15A81A05A1	RT32052	DATA WARE HOUSING AND MINING	28	32	3
15A81A05A1	RT32053	COMPUTER NETWORKS	23	31	3
15A81A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15A81A05A1	RT32055	WEB TECHNOLOGIES	27	34	3
15A81A05A1	RT32056	IPR AND PATENTS	22	51	2
15A81A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05A1	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A05A1	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05A2	RT32051	SOFTWARE ENGINEERING	26	52	3
15A81A05A2	RT32052	DATA WARE HOUSING AND MINING	27	41	3
15A81A05A2	RT32053	COMPUTER NETWORKS	24	49	3
15A81A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
15A81A05A2	RT32055	WEB TECHNOLOGIES	26	62	3
15A81A05A2	RT32056	IPR AND PATENTS	28	63	2
15A81A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15A81A05A2	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15A81A05A2	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05A3	RT32051	SOFTWARE ENGINEERING	20	31	3
15A81A05A3	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15A81A05A3	RT32053	COMPUTER NETWORKS	16	51	3
15A81A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	33	3
15A81A05A3	RT32055	WEB TECHNOLOGIES	17	42	3
15A81A05A3	RT32056	IPR AND PATENTS	24	34	2
15A81A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	39	2
15A81A05A3	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A05A3	RT32059	WEB TECHNOLOGIES LAB	23	40	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05A5	RT32051	SOFTWARE ENGINEERING	20	50	3
15A81A05A5	RT32052	DATA WARE HOUSING AND MINING	22	36	3
15A81A05A5	RT32053	COMPUTER NETWORKS	18	45	3
15A81A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	45	3
15A81A05A5	RT32055	WEB TECHNOLOGIES	20	46	3
15A81A05A5	RT32056	IPR AND PATENTS	23	36	2
15A81A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	37	2
15A81A05A5	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A05A5	RT32059	WEB TECHNOLOGIES LAB	22	41	2
15A81A05A6	RT32051	SOFTWARE ENGINEERING	26	30	3
15A81A05A6	RT32052	DATA WARE HOUSING AND MINING	24	27	3
15A81A05A6	RT32053	COMPUTER NETWORKS	23	24	3
15A81A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15A81A05A6	RT32055	WEB TECHNOLOGIES	23	38	3
15A81A05A6	RT32056	IPR AND PATENTS	25	33	2
15A81A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05A6	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15A81A05A6	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A05A7	RT32051	SOFTWARE ENGINEERING	26	37	3
15A81A05A7	RT32052	DATA WARE HOUSING AND MINING	20	41	3
15A81A05A7	RT32053	COMPUTER NETWORKS	19	37	3
15A81A05A7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15A81A05A7	RT32055	WEB TECHNOLOGIES	19	53	3
15A81A05A7	RT32056	IPR AND PATENTS	24	42	2
15A81A05A7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15A81A05A7	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A05A7	RT32059	WEB TECHNOLOGIES LAB	24	43	2
15A81A05A8	RT32051	SOFTWARE ENGINEERING	25	31	3
15A81A05A8	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15A81A05A8	RT32053	COMPUTER NETWORKS	21	49	3
15A81A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
15A81A05A8	RT32055	WEB TECHNOLOGIES	20	27	3
15A81A05A8	RT32056	IPR AND PATENTS	25	36	2
15A81A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15A81A05A8	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15A81A05A8	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15A81A05A9	RT32051	SOFTWARE ENGINEERING	25	62	3
15A81A05A9	RT32052	DATA WARE HOUSING AND MINING	26	41	3
15A81A05A9	RT32053	COMPUTER NETWORKS	25	46	3
15A81A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	41	3
15A81A05A9	RT32055	WEB TECHNOLOGIES	25	51	3
15A81A05A9	RT32056	IPR AND PATENTS	25	43	2
15A81A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	39	2
15A81A05A9	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A05A9	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15A81A05B0	RT32051	SOFTWARE ENGINEERING	28	45	3
15A81A05B0	RT32052	DATA WARE HOUSING AND MINING	24	31	3
15A81A05B0	RT32053	COMPUTER NETWORKS	20	26	3
15A81A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	45	3
15A81A05B0	RT32055	WEB TECHNOLOGIES	20	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05B0	RT32056	IPR AND PATENTS	23	57	2
15A81A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15A81A05B0	RT32058	SOFTWARE ENGINEERING LAB	24	41	2
15A81A05B0	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15A81A05B1	RT32051	SOFTWARE ENGINEERING	23	46	3
15A81A05B1	RT32052	DATA WARE HOUSING AND MINING	26	34	3
15A81A05B1	RT32053	COMPUTER NETWORKS	21	37	3
15A81A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	38	3
15A81A05B1	RT32055	WEB TECHNOLOGIES	24	46	3
15A81A05B1	RT32056	IPR AND PATENTS	26	51	2
15A81A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15A81A05B1	RT32058	SOFTWARE ENGINEERING LAB	25	39	2
15A81A05B1	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A05B2	RT32051	SOFTWARE ENGINEERING	20	26	3
15A81A05B2	RT32052	DATA WARE HOUSING AND MINING	17	29	3
15A81A05B2	RT32053	COMPUTER NETWORKS	13	44	3
15A81A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	33	3
15A81A05B2	RT32055	WEB TECHNOLOGIES	22	29	3
15A81A05B2	RT32056	IPR AND PATENTS	22	33	2
15A81A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15A81A05B2	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15A81A05B2	RT32059	WEB TECHNOLOGIES LAB	24	41	2
15A81A05B3	RT32051	SOFTWARE ENGINEERING	23	49	3
15A81A05B3	RT32052	DATA WARE HOUSING AND MINING	15	37	3
15A81A05B3	RT32053	COMPUTER NETWORKS	20	37	3
15A81A05B3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	26	3
15A81A05B3	RT32055	WEB TECHNOLOGIES	20	38	3
15A81A05B3	RT32056	IPR AND PATENTS	22	35	2
15A81A05B3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15A81A05B3	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05B3	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15A81A05B4	RT32051	SOFTWARE ENGINEERING	25	43	3
15A81A05B4	RT32052	DATA WARE HOUSING AND MINING	17	31	3
15A81A05B4	RT32053	COMPUTER NETWORKS	18	26	3
15A81A05B4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	31	3
15A81A05B4	RT32055	WEB TECHNOLOGIES	24	40	3
15A81A05B4	RT32056	IPR AND PATENTS	22	41	2
15A81A05B4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15A81A05B4	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A05B4	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15A81A05B5	RT32051	SOFTWARE ENGINEERING	16	19	0
15A81A05B5	RT32052	DATA WARE HOUSING AND MINING	13	13	0
15A81A05B5	RT32053	COMPUTER NETWORKS	14	15	0
15A81A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	20	0
15A81A05B5	RT32055	WEB TECHNOLOGIES	16	7	0
15A81A05B5	RT32056	IPR AND PATENTS	13	29	2
15A81A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	34	2
15A81A05B5	RT32058	SOFTWARE ENGINEERING LAB	24	40	2
15A81A05B5	RT32059	WEB TECHNOLOGIES LAB	24	42	2
15A81A05B6	RT32051	SOFTWARE ENGINEERING	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05B6	RT32052	DATA WARE HOUSING AND MINING	27	40	3
15A81A05B6	RT32053	COMPUTER NETWORKS	24	52	3
15A81A05B6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	39	3
15A81A05B6	RT32055	WEB TECHNOLOGIES	20	26	3
15A81A05B6	RT32056	IPR AND PATENTS	26	43	2
15A81A05B6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15A81A05B6	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15A81A05B6	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05B7	RT32051	SOFTWARE ENGINEERING	22	43	3
15A81A05B7	RT32052	DATA WARE HOUSING AND MINING	16	30	3
15A81A05B7	RT32053	COMPUTER NETWORKS	19	29	3
15A81A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	30	3
15A81A05B7	RT32055	WEB TECHNOLOGIES	21	44	3
15A81A05B7	RT32056	IPR AND PATENTS	19	40	2
15A81A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	35	2
15A81A05B7	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05B7	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15A81A05B8	RT32051	SOFTWARE ENGINEERING	21	49	3
15A81A05B8	RT32052	DATA WARE HOUSING AND MINING	26	29	3
15A81A05B8	RT32053	COMPUTER NETWORKS	23	34	3
15A81A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15A81A05B8	RT32055	WEB TECHNOLOGIES	20	37	3
15A81A05B8	RT32056	IPR AND PATENTS	23	48	2
15A81A05B8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15A81A05B8	RT32058	SOFTWARE ENGINEERING LAB	25	41	2
15A81A05B8	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A05B9	RT32051	SOFTWARE ENGINEERING	27	51	3
15A81A05B9	RT32052	DATA WARE HOUSING AND MINING	24	44	3
15A81A05B9	RT32053	COMPUTER NETWORKS	26	51	3
15A81A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15A81A05B9	RT32055	WEB TECHNOLOGIES	25	44	3
15A81A05B9	RT32056	IPR AND PATENTS	24	56	2
15A81A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15A81A05B9	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15A81A05B9	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05C0	RT32051	SOFTWARE ENGINEERING	27	41	3
15A81A05C0	RT32052	DATA WARE HOUSING AND MINING	28	44	3
15A81A05C0	RT32053	COMPUTER NETWORKS	22	50	3
15A81A05C0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	44	3
15A81A05C0	RT32055	WEB TECHNOLOGIES	26	52	3
15A81A05C0	RT32056	IPR AND PATENTS	25	54	2
15A81A05C0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15A81A05C0	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15A81A05C0	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15A81A05C1	RT32051	SOFTWARE ENGINEERING	20	46	3
15A81A05C1	RT32052	DATA WARE HOUSING AND MINING	18	29	3
15A81A05C1	RT32053	COMPUTER NETWORKS	21	36	3
15A81A05C1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	32	3
15A81A05C1	RT32055	WEB TECHNOLOGIES	16	42	3
15A81A05C1	RT32056	IPR AND PATENTS	24	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05C1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	44	2
15A81A05C1	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05C1	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15A81A05C2	RT32051	SOFTWARE ENGINEERING	20	43	3
15A81A05C2	RT32052	DATA WARE HOUSING AND MINING	19	28	3
15A81A05C2	RT32053	COMPUTER NETWORKS	19	26	3
15A81A05C2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	32	3
15A81A05C2	RT32055	WEB TECHNOLOGIES	21	28	3
15A81A05C2	RT32056	IPR AND PATENTS	21	26	2
15A81A05C2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	45	2
15A81A05C2	RT32058	SOFTWARE ENGINEERING LAB	24	42	2
15A81A05C2	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05C3	RT32051	SOFTWARE ENGINEERING	29	45	3
15A81A05C3	RT32052	DATA WARE HOUSING AND MINING	29	33	3
15A81A05C3	RT32053	COMPUTER NETWORKS	25	37	3
15A81A05C3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	36	3
15A81A05C3	RT32055	WEB TECHNOLOGIES	27	38	3
15A81A05C3	RT32056	IPR AND PATENTS	26	46	2
15A81A05C3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15A81A05C3	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
15A81A05C3	RT32059	WEB TECHNOLOGIES LAB	25	44	2
15A81A05C4	RT32051	SOFTWARE ENGINEERING	29	35	3
15A81A05C4	RT32052	DATA WARE HOUSING AND MINING	28	40	3
15A81A05C4	RT32053	COMPUTER NETWORKS	21	51	3
15A81A05C4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	45	3
15A81A05C4	RT32055	WEB TECHNOLOGIES	23	42	3
15A81A05C4	RT32056	IPR AND PATENTS	24	48	2
15A81A05C4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05C4	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A05C4	RT32059	WEB TECHNOLOGIES LAB	24	41	2
15A81A05C5	RT32051	SOFTWARE ENGINEERING	26	37	3
15A81A05C5	RT32052	DATA WARE HOUSING AND MINING	27	34	3
15A81A05C5	RT32053	COMPUTER NETWORKS	25	37	3
15A81A05C5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15A81A05C5	RT32055	WEB TECHNOLOGIES	23	45	3
15A81A05C5	RT32056	IPR AND PATENTS	25	44	2
15A81A05C5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15A81A05C5	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15A81A05C5	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15A81A05C6	RT32051	SOFTWARE ENGINEERING	22	36	3
15A81A05C6	RT32052	DATA WARE HOUSING AND MINING	25	28	3
15A81A05C6	RT32053	COMPUTER NETWORKS	20	30	3
15A81A05C6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	43	3
15A81A05C6	RT32055	WEB TECHNOLOGIES	21	27	3
15A81A05C6	RT32056	IPR AND PATENTS	22	24	2
15A81A05C6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05C6	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05C6	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05C7	RT32051	SOFTWARE ENGINEERING	15	0	0
15A81A05C7	RT32052	DATA WARE HOUSING AND MINING	16	13	0



Htno	Subcode	Subname	Internal	External	Credits
15A81A05C7	RT32053	COMPUTER NETWORKS	17	3	0
15A81A05C7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	4	0
15A81A05C7	RT32055	WEB TECHNOLOGIES	15	0	0
15A81A05C7	RT32056	IPR AND PATENTS	14	42	2
15A81A05C7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	20	2
15A81A05C7	RT32058	SOFTWARE ENGINEERING LAB	17	40	2
15A81A05C7	RT32059	WEB TECHNOLOGIES LAB	18	43	2
15A81A05C8	RT32051	SOFTWARE ENGINEERING	27	38	3
15A81A05C8	RT32052	DATA WARE HOUSING AND MINING	25	43	3
15A81A05C8	RT32053	COMPUTER NETWORKS	23	51	3
15A81A05C8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15A81A05C8	RT32055	WEB TECHNOLOGIES	26	37	3
15A81A05C8	RT32056	IPR AND PATENTS	25	44	2
15A81A05C8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	44	2
15A81A05C8	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A05C8	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A05C9	RT32051	SOFTWARE ENGINEERING	26	61	3
15A81A05C9	RT32052	DATA WARE HOUSING AND MINING	26	42	3
15A81A05C9	RT32053	COMPUTER NETWORKS	26	49	3
15A81A05C9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	63	3
15A81A05C9	RT32055	WEB TECHNOLOGIES	29	46	3
15A81A05C9	RT32056	IPR AND PATENTS	26	52	2
15A81A05C9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05C9	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15A81A05C9	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05D0	RT32051	SOFTWARE ENGINEERING	22	27	3
15A81A05D0	RT32052	DATA WARE HOUSING AND MINING	15	25	3
15A81A05D0	RT32053	COMPUTER NETWORKS	15	32	3
15A81A05D0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	31	3
15A81A05D0	RT32055	WEB TECHNOLOGIES	15	38	3
15A81A05D0	RT32056	IPR AND PATENTS	16	33	2
15A81A05D0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15A81A05D0	RT32058	SOFTWARE ENGINEERING LAB	17	37	2
15A81A05D0	RT32059	WEB TECHNOLOGIES LAB	18	45	2
15A81A05D1	RT32051	SOFTWARE ENGINEERING	23	42	3
15A81A05D1	RT32052	DATA WARE HOUSING AND MINING	26	33	3
15A81A05D1	RT32053	COMPUTER NETWORKS	23	38	3
15A81A05D1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15A81A05D1	RT32055	WEB TECHNOLOGIES	23	43	3
15A81A05D1	RT32056	IPR AND PATENTS	25	52	2
15A81A05D1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	45	2
15A81A05D1	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A05D1	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A05D2	RT32051	SOFTWARE ENGINEERING	26	29	3
15A81A05D2	RT32052	DATA WARE HOUSING AND MINING	25	32	3
15A81A05D2	RT32053	COMPUTER NETWORKS	27	57	3
15A81A05D2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	39	3
15A81A05D2	RT32055	WEB TECHNOLOGIES	23	44	3
15A81A05D2	RT32056	IPR AND PATENTS	24	35	2
15A81A05D2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05D2	RT32058	SOFTWARE ENGINEERING LAB	23	39	2
15A81A05D2	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15A81A05D3	RT32051	SOFTWARE ENGINEERING	26	54	3
15A81A05D3	RT32052	DATA WARE HOUSING AND MINING	26	35	3
15A81A05D3	RT32053	COMPUTER NETWORKS	26	44	3
15A81A05D3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	49	3
15A81A05D3	RT32055	WEB TECHNOLOGIES	25	60	3
15A81A05D3	RT32056	IPR AND PATENTS	25	42	2
15A81A05D3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05D3	RT32058	SOFTWARE ENGINEERING LAB	24	39	2
15A81A05D3	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15A81A05D4	RT32051	SOFTWARE ENGINEERING	23	41	3
15A81A05D4	RT32052	DATA WARE HOUSING AND MINING	28	33	3
15A81A05D4	RT32053	COMPUTER NETWORKS	22	36	3
15A81A05D4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15A81A05D4	RT32055	WEB TECHNOLOGIES	28	32	3
15A81A05D4	RT32056	IPR AND PATENTS	21	28	2
15A81A05D4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05D4	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A05D4	RT32059	WEB TECHNOLOGIES LAB	21	46	2
15A81A05D5	RT32051	SOFTWARE ENGINEERING	24	43	3
15A81A05D5	RT32052	DATA WARE HOUSING AND MINING	26	37	3
15A81A05D5	RT32053	COMPUTER NETWORKS	26	37	3
15A81A05D5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15A81A05D5	RT32055	WEB TECHNOLOGIES	23	43	3
15A81A05D5	RT32056	IPR AND PATENTS	22	46	2
15A81A05D5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15A81A05D5	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05D5	RT32059	WEB TECHNOLOGIES LAB	20	45	2
15A81A05D6	RT32051	SOFTWARE ENGINEERING	23	31	3
15A81A05D6	RT32052	DATA WARE HOUSING AND MINING	23	13	0
15A81A05D6	RT32053	COMPUTER NETWORKS	26	56	3
15A81A05D6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	33	3
15A81A05D6	RT32055	WEB TECHNOLOGIES	21	35	3
15A81A05D6	RT32056	IPR AND PATENTS	22	41	2
15A81A05D6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15A81A05D6	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15A81A05D6	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A05D7	RT32051	SOFTWARE ENGINEERING	26	54	3
15A81A05D7	RT32052	DATA WARE HOUSING AND MINING	26	39	3
15A81A05D7	RT32053	COMPUTER NETWORKS	20	41	3
15A81A05D7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	53	3
15A81A05D7	RT32055	WEB TECHNOLOGIES	25	43	3
15A81A05D7	RT32056	IPR AND PATENTS	23	46	2
15A81A05D7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15A81A05D7	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15A81A05D7	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A05D8	RT32051	SOFTWARE ENGINEERING	25	39	3
15A81A05D8	RT32052	DATA WARE HOUSING AND MINING	24	37	3
15A81A05D8	RT32053	COMPUTER NETWORKS	23	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05D8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	35	3
15A81A05D8	RT32055	WEB TECHNOLOGIES	26	38	3
15A81A05D8	RT32056	IPR AND PATENTS	24	33	2
15A81A05D8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	44	2
15A81A05D8	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05D8	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15A81A05D9	RT32051	SOFTWARE ENGINEERING	22	42	3
15A81A05D9	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15A81A05D9	RT32053	COMPUTER NETWORKS	23	31	3
15A81A05D9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	49	3
15A81A05D9	RT32055	WEB TECHNOLOGIES	23	49	3
15A81A05D9	RT32056	IPR AND PATENTS	23	54	2
15A81A05D9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15A81A05D9	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15A81A05D9	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15A81A05E0	RT32051	SOFTWARE ENGINEERING	15	10	0
15A81A05E0	RT32052	DATA WARE HOUSING AND MINING	17	0	0
15A81A05E0	RT32053	COMPUTER NETWORKS	18	26	3
15A81A05E0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	2	0
15A81A05E0	RT32055	WEB TECHNOLOGIES	20	24	3
15A81A05E0	RT32056	IPR AND PATENTS	18	27	2
15A81A05E0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	22	2
15A81A05E0	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15A81A05E0	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A05E1	RT32051	SOFTWARE ENGINEERING	24	59	3
15A81A05E1	RT32052	DATA WARE HOUSING AND MINING	26	34	3
15A81A05E1	RT32053	COMPUTER NETWORKS	25	36	3
15A81A05E1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	42	3
15A81A05E1	RT32055	WEB TECHNOLOGIES	25	46	3
15A81A05E1	RT32056	IPR AND PATENTS	26	50	2
15A81A05E1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05E1	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15A81A05E1	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05E2	RT32051	SOFTWARE ENGINEERING	22	35	3
15A81A05E2	RT32052	DATA WARE HOUSING AND MINING	20	31	3
15A81A05E2	RT32053	COMPUTER NETWORKS	19	31	3
15A81A05E2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	36	3
15A81A05E2	RT32055	WEB TECHNOLOGIES	18	24	3
15A81A05E2	RT32056	IPR AND PATENTS	22	25	2
15A81A05E2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15A81A05E2	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15A81A05E2	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15A81A05E3	RT32051	SOFTWARE ENGINEERING	24	31	3
15A81A05E3	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15A81A05E3	RT32053	COMPUTER NETWORKS	21	38	3
15A81A05E3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	45	3
15A81A05E3	RT32055	WEB TECHNOLOGIES	22	27	3
15A81A05E3	RT32056	IPR AND PATENTS	19	44	2
15A81A05E3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
15A81A05E3	RT32058	SOFTWARE ENGINEERING LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05E3	RT32059	WEB TECHNOLOGIES LAB	22	42	2
15A81A05E4	RT32051	SOFTWARE ENGINEERING	26	30	3
15A81A05E4	RT32052	DATA WARE HOUSING AND MINING	27	31	3
15A81A05E4	RT32053	COMPUTER NETWORKS	27	56	3
15A81A05E4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	39	3
15A81A05E4	RT32055	WEB TECHNOLOGIES	26	35	3
15A81A05E4	RT32056	IPR AND PATENTS	25	50	2
15A81A05E4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05E4	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A05E4	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15A81A05E5	RT32051	SOFTWARE ENGINEERING	26	50	3
15A81A05E5	RT32052	DATA WARE HOUSING AND MINING	26	30	3
15A81A05E5	RT32053	COMPUTER NETWORKS	26	42	3
15A81A05E5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	32	3
15A81A05E5	RT32055	WEB TECHNOLOGIES	24	44	3
15A81A05E5	RT32056	IPR AND PATENTS	25	50	2
15A81A05E5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	44	2
15A81A05E5	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05E5	RT32059	WEB TECHNOLOGIES LAB	20	41	2
15A81A05E6	RT32051	SOFTWARE ENGINEERING	26	48	3
15A81A05E6	RT32052	DATA WARE HOUSING AND MINING	26	35	3
15A81A05E6	RT32053	COMPUTER NETWORKS	27	43	3
15A81A05E6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	41	3
15A81A05E6	RT32055	WEB TECHNOLOGIES	25	51	3
15A81A05E6	RT32056	IPR AND PATENTS	25	38	2
15A81A05E6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15A81A05E6	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05E6	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05E7	RT32051	SOFTWARE ENGINEERING	20	26	3
15A81A05E7	RT32052	DATA WARE HOUSING AND MINING	18	19	0
15A81A05E7	RT32053	COMPUTER NETWORKS	18	24	3
15A81A05E7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	16	0
15A81A05E7	RT32055	WEB TECHNOLOGIES	18	10	0
15A81A05E7	RT32056	IPR AND PATENTS	21	42	2
15A81A05E7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	36	2
15A81A05E7	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15A81A05E7	RT32059	WEB TECHNOLOGIES LAB	20	44	2
15A81A05E8	RT32051	SOFTWARE ENGINEERING	24	10	0
15A81A05E8	RT32052	DATA WARE HOUSING AND MINING	17	12	0
15A81A05E8	RT32053	COMPUTER NETWORKS	18	31	3
15A81A05E8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	27	3
15A81A05E8	RT32055	WEB TECHNOLOGIES	19	30	3
15A81A05E8	RT32056	IPR AND PATENTS	22	35	2
15A81A05E8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05E8	RT32058	SOFTWARE ENGINEERING LAB	19	43	2
15A81A05E8	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15A81A05F0	RT32051	SOFTWARE ENGINEERING	21	32	3
15A81A05F0	RT32052	DATA WARE HOUSING AND MINING	17	10	0
15A81A05F0	RT32053	COMPUTER NETWORKS	18	28	3
15A81A05F0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05F0	RT32055	WEB TECHNOLOGIES	18	32	3
15A81A05F0	RT32056	IPR AND PATENTS	21	30	2
15A81A05F0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15A81A05F0	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15A81A05F0	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05F1	RT32051	SOFTWARE ENGINEERING	29	57	3
15A81A05F1	RT32052	DATA WARE HOUSING AND MINING	28	40	3
15A81A05F1	RT32053	COMPUTER NETWORKS	27	38	3
15A81A05F1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15A81A05F1	RT32055	WEB TECHNOLOGIES	29	64	3
15A81A05F1	RT32056	IPR AND PATENTS	26	41	2
15A81A05F1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15A81A05F1	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15A81A05F1	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05F2	RT32051	SOFTWARE ENGINEERING	26	34	3
15A81A05F2	RT32052	DATA WARE HOUSING AND MINING	19	42	3
15A81A05F2	RT32053	COMPUTER NETWORKS	27	37	3
15A81A05F2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	49	3
15A81A05F2	RT32055	WEB TECHNOLOGIES	26	35	3
15A81A05F2	RT32056	IPR AND PATENTS	25	59	2
15A81A05F2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	48	2
15A81A05F2	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15A81A05F2	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05F3	RT32051	SOFTWARE ENGINEERING	23	27	3
15A81A05F3	RT32052	DATA WARE HOUSING AND MINING	23	28	3
15A81A05F3	RT32053	COMPUTER NETWORKS	27	47	3
15A81A05F3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
15A81A05F3	RT32055	WEB TECHNOLOGIES	25	39	3
15A81A05F3	RT32056	IPR AND PATENTS	24	44	2
15A81A05F3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15A81A05F3	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A05F3	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15A81A05F4	RT32051	SOFTWARE ENGINEERING	19	46	3
15A81A05F4	RT32052	DATA WARE HOUSING AND MINING	23	28	3
15A81A05F4	RT32053	COMPUTER NETWORKS	28	44	3
15A81A05F4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15A81A05F4	RT32055	WEB TECHNOLOGIES	23	39	3
15A81A05F4	RT32056	IPR AND PATENTS	24	46	2
15A81A05F4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15A81A05F4	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05F4	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15A81A05F5	RT32051	SOFTWARE ENGINEERING	27	47	3
15A81A05F5	RT32052	DATA WARE HOUSING AND MINING	21	30	3
15A81A05F5	RT32053	COMPUTER NETWORKS	26	41	3
15A81A05F5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15A81A05F5	RT32055	WEB TECHNOLOGIES	25	42	3
15A81A05F5	RT32056	IPR AND PATENTS	23	33	2
15A81A05F5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05F5	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A05F5	RT32059	WEB TECHNOLOGIES LAB	22	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05F6	RT32051	SOFTWARE ENGINEERING	28	12	0
15A81A05F6	RT32052	DATA WARE HOUSING AND MINING	25	42	3
15A81A05F6	RT32053	COMPUTER NETWORKS	28	40	3
15A81A05F6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	49	3
15A81A05F6	RT32055	WEB TECHNOLOGIES	27	43	3
15A81A05F6	RT32056	IPR AND PATENTS	24	40	2
15A81A05F6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05F6	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15A81A05F6	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05F7	RT32051	SOFTWARE ENGINEERING	19	32	3
15A81A05F7	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15A81A05F7	RT32053	COMPUTER NETWORKS	22	33	3
15A81A05F7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	33	3
15A81A05F7	RT32055	WEB TECHNOLOGIES	19	37	3
15A81A05F7	RT32056	IPR AND PATENTS	19	46	2
15A81A05F7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05F7	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05F7	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15A81A05F8	RT32051	SOFTWARE ENGINEERING	27	64	3
15A81A05F8	RT32052	DATA WARE HOUSING AND MINING	27	47	3
15A81A05F8	RT32053	COMPUTER NETWORKS	28	48	3
15A81A05F8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	48	3
15A81A05F8	RT32055	WEB TECHNOLOGIES	28	44	3
15A81A05F8	RT32056	IPR AND PATENTS	24	43	2
15A81A05F8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	46	2
15A81A05F8	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A05F8	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15A81A05F9	RT32051	SOFTWARE ENGINEERING	24	42	3
15A81A05F9	RT32052	DATA WARE HOUSING AND MINING	23	28	3
15A81A05F9	RT32053	COMPUTER NETWORKS	29	29	3
15A81A05F9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15A81A05F9	RT32055	WEB TECHNOLOGIES	24	32	3
15A81A05F9	RT32056	IPR AND PATENTS	22	37	2
15A81A05F9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05F9	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15A81A05F9	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05G0	RT32051	SOFTWARE ENGINEERING	26	44	3
15A81A05G0	RT32052	DATA WARE HOUSING AND MINING	24	36	3
15A81A05G0	RT32053	COMPUTER NETWORKS	27	38	3
15A81A05G0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
15A81A05G0	RT32055	WEB TECHNOLOGIES	19	31	3
15A81A05G0	RT32056	IPR AND PATENTS	24	52	2
15A81A05G0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	44	2
15A81A05G0	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15A81A05G0	RT32059	WEB TECHNOLOGIES LAB	21	41	2
15A81A05G1	RT32051	SOFTWARE ENGINEERING	20	26	3
15A81A05G1	RT32052	DATA WARE HOUSING AND MINING	19	15	0
15A81A05G1	RT32053	COMPUTER NETWORKS	25	39	3
15A81A05G1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	17	0
15A81A05G1	RT32055	WEB TECHNOLOGIES	15	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05G1	RT32056	IPR AND PATENTS	20	34	2
15A81A05G1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	35	2
15A81A05G1	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15A81A05G1	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15A81A05G2	RT32051	SOFTWARE ENGINEERING	25	59	3
15A81A05G2	RT32052	DATA WARE HOUSING AND MINING	27	40	3
15A81A05G2	RT32053	COMPUTER NETWORKS	29	40	3
15A81A05G2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	53	3
15A81A05G2	RT32055	WEB TECHNOLOGIES	28	53	3
15A81A05G2	RT32056	IPR AND PATENTS	24	48	2
15A81A05G2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05G2	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
15A81A05G2	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05G3	RT32051	SOFTWARE ENGINEERING	21	34	3
15A81A05G3	RT32052	DATA WARE HOUSING AND MINING	22	25	3
15A81A05G3	RT32053	COMPUTER NETWORKS	21	34	3
15A81A05G3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	40	3
15A81A05G3	RT32055	WEB TECHNOLOGIES	25	49	3
15A81A05G3	RT32056	IPR AND PATENTS	21	34	2
15A81A05G3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	47	2
15A81A05G3	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15A81A05G3	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A05G4	RT32051	SOFTWARE ENGINEERING	28	29	3
15A81A05G4	RT32052	DATA WARE HOUSING AND MINING	29	33	3
15A81A05G4	RT32053	COMPUTER NETWORKS	25	41	3
15A81A05G4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	31	3
15A81A05G4	RT32055	WEB TECHNOLOGIES	21	44	3
15A81A05G4	RT32056	IPR AND PATENTS	24	54	2
15A81A05G4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05G4	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15A81A05G4	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15A81A05G5	RT32051	SOFTWARE ENGINEERING	20	29	3
15A81A05G5	RT32052	DATA WARE HOUSING AND MINING	19	14	0
15A81A05G5	RT32053	COMPUTER NETWORKS	21	43	3
15A81A05G5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	36	3
15A81A05G5	RT32055	WEB TECHNOLOGIES	16	26	3
15A81A05G5	RT32056	IPR AND PATENTS	22	43	2
15A81A05G5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	47	2
15A81A05G5	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15A81A05G5	RT32059	WEB TECHNOLOGIES LAB	20	41	2
15A81A05G6	RT32051	SOFTWARE ENGINEERING	25	50	3
15A81A05G6	RT32052	DATA WARE HOUSING AND MINING	24	31	3
15A81A05G6	RT32053	COMPUTER NETWORKS	24	47	3
15A81A05G6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15A81A05G6	RT32055	WEB TECHNOLOGIES	22	43	3
15A81A05G6	RT32056	IPR AND PATENTS	22	46	2
15A81A05G6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05G6	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15A81A05G6	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05G7	RT32051	SOFTWARE ENGINEERING	18	16	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A05G7	RT32052	DATA WARE HOUSING AND MINING	16	39	3
15A81A05G7	RT32053	COMPUTER NETWORKS	15	32	3
15A81A05G7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	30	3
15A81A05G7	RT32055	WEB TECHNOLOGIES	21	32	3
15A81A05G7	RT32056	IPR AND PATENTS	19	24	2
15A81A05G7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15A81A05G7	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15A81A05G7	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15A81A05G8	RT32051	SOFTWARE ENGINEERING	19	38	3
15A81A05G8	RT32052	DATA WARE HOUSING AND MINING	20	36	3
15A81A05G8	RT32053	COMPUTER NETWORKS	22	32	3
15A81A05G8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	17	0
15A81A05G8	RT32055	WEB TECHNOLOGIES	21	17	0
15A81A05G8	RT32056	IPR AND PATENTS	23	35	2
15A81A05G8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	39	2
15A81A05G8	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15A81A05G8	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05H0	RT32051	SOFTWARE ENGINEERING	24	36	3
15A81A05H0	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15A81A05H0	RT32053	COMPUTER NETWORKS	27	39	3
15A81A05H0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
15A81A05H0	RT32055	WEB TECHNOLOGIES	25	39	3
15A81A05H0	RT32056	IPR AND PATENTS	25	49	2
15A81A05H0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05H0	RT32058	SOFTWARE ENGINEERING LAB	24	44	2
15A81A05H0	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05H1	RT32051	SOFTWARE ENGINEERING	22	54	3
15A81A05H1	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15A81A05H1	RT32053	COMPUTER NETWORKS	23	45	3
15A81A05H1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	36	3
15A81A05H1	RT32055	WEB TECHNOLOGIES	24	38	3
15A81A05H1	RT32056	IPR AND PATENTS	24	44	2
15A81A05H1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15A81A05H1	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15A81A05H1	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05H2	RT32051	SOFTWARE ENGINEERING	18	24	3
15A81A05H2	RT32052	DATA WARE HOUSING AND MINING	18	37	3
15A81A05H2	RT32053	COMPUTER NETWORKS	22	24	3
15A81A05H2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15A81A05H2	RT32055	WEB TECHNOLOGIES	17	33	3
15A81A05H2	RT32056	IPR AND PATENTS	18	33	2
15A81A05H2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	35	2
15A81A05H2	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A05H2	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05H3	RT32051	SOFTWARE ENGINEERING	24	38	3
15A81A05H3	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15A81A05H3	RT32053	COMPUTER NETWORKS	25	39	3
15A81A05H3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15A81A05H3	RT32055	WEB TECHNOLOGIES	26	46	3
15A81A05H3	RT32056	IPR AND PATENTS	22	56	2



Htno	Subcode	Subname	Internal	External	Credits
15A81A05H3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15A81A05H3	RT32058	SOFTWARE ENGINEERING LAB	23	39	2
15A81A05H3	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15A81A05H4	RT32051	SOFTWARE ENGINEERING	19	28	3
15A81A05H4	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15A81A05H4	RT32053	COMPUTER NETWORKS	23	41	3
15A81A05H4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	35	3
15A81A05H4	RT32055	WEB TECHNOLOGIES	16	38	3
15A81A05H4	RT32056	IPR AND PATENTS	19	43	2
15A81A05H4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15A81A05H4	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15A81A05H4	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15A81A05H5	RT32051	SOFTWARE ENGINEERING	21	42	3
15A81A05H5	RT32052	DATA WARE HOUSING AND MINING	21	16	0
15A81A05H5	RT32053	COMPUTER NETWORKS	25	30	3
15A81A05H5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	12	0
15A81A05H5	RT32055	WEB TECHNOLOGIES	19	42	3
15A81A05H5	RT32056	IPR AND PATENTS	21	35	2
15A81A05H5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15A81A05H5	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15A81A05H5	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05H6	RT32051	SOFTWARE ENGINEERING	11	9	0
15A81A05H6	RT32052	DATA WARE HOUSING AND MINING	13	4	0
15A81A05H6	RT32053	COMPUTER NETWORKS	15	7	0
15A81A05H6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	0	0
15A81A05H6	RT32055	WEB TECHNOLOGIES	13	15	0
15A81A05H6	RT32056	IPR AND PATENTS	19	17	0
15A81A05H6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	36	2
15A81A05H6	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A05H6	RT32059	WEB TECHNOLOGIES LAB	19	40	2
15A81A05H7	RT32051	SOFTWARE ENGINEERING	14	37	3
15A81A05H7	RT32052	DATA WARE HOUSING AND MINING	18	30	3
15A81A05H7	RT32053	COMPUTER NETWORKS	27	30	3
15A81A05H7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	29	3
15A81A05H7	RT32055	WEB TECHNOLOGIES	18	0	0
15A81A05H7	RT32056	IPR AND PATENTS	23	42	2
15A81A05H7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
15A81A05H7	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A05H7	RT32059	WEB TECHNOLOGIES LAB	19	42	2
15A81A05H8	RT32051	SOFTWARE ENGINEERING	24	28	3
15A81A05H8	RT32052	DATA WARE HOUSING AND MINING	20	16	0
15A81A05H8	RT32053	COMPUTER NETWORKS	26	49	3
15A81A05H8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	43	3
15A81A05H8	RT32055	WEB TECHNOLOGIES	22	28	3
15A81A05H8	RT32056	IPR AND PATENTS	22	41	2
15A81A05H8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	38	2
15A81A05H8	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15A81A05H8	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15A81A05H9	RT32051	SOFTWARE ENGINEERING	20	52	3
15A81A05H9	RT32052	DATA WARE HOUSING AND MINING	20	32	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05H9	RT32053	COMPUTER NETWORKS	19	30	3
15A81A05H9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
15A81A05H9	RT32055	WEB TECHNOLOGIES	24	45	3
15A81A05H9	RT32056	IPR AND PATENTS	22	45	2
15A81A05H9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	35	2
15A81A05H9	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15A81A05H9	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15A81A05I0	RT32051	SOFTWARE ENGINEERING	25	62	3
15A81A05I0	RT32052	DATA WARE HOUSING AND MINING	27	36	3
15A81A05I0	RT32053	COMPUTER NETWORKS	24	51	3
15A81A05I0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	43	3
15A81A05I0	RT32055	WEB TECHNOLOGIES	25	50	3
15A81A05I0	RT32056	IPR AND PATENTS	24	38	2
15A81A05I0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15A81A05I0	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A05I0	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15A81A05I1	RT32051	SOFTWARE ENGINEERING	26	31	3
15A81A05I1	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15A81A05I1	RT32053	COMPUTER NETWORKS	27	43	3
15A81A05I1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	33	3
15A81A05I1	RT32055	WEB TECHNOLOGIES	28	55	3
15A81A05I1	RT32056	IPR AND PATENTS	24	48	2
15A81A05I1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15A81A05I1	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05I1	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A05I2	RT32051	SOFTWARE ENGINEERING	21	0	0
15A81A05I2	RT32052	DATA WARE HOUSING AND MINING	16	26	3
15A81A05I2	RT32053	COMPUTER NETWORKS	10	49	3
15A81A05I2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
15A81A05I2	RT32055	WEB TECHNOLOGIES	16	17	0
15A81A05I2	RT32056	IPR AND PATENTS	17	46	2
15A81A05I2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15A81A05I2	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15A81A05I2	RT32059	WEB TECHNOLOGIES LAB	17	35	2
15A81A05I3	RT32051	SOFTWARE ENGINEERING	25	57	3
15A81A05I3	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15A81A05I3	RT32053	COMPUTER NETWORKS	24	40	3
15A81A05I3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
15A81A05I3	RT32055	WEB TECHNOLOGIES	21	43	3
15A81A05I3	RT32056	IPR AND PATENTS	23	42	2
15A81A05I3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05I3	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15A81A05I3	RT32059	WEB TECHNOLOGIES LAB	24	38	2
15A81A05I4	RT32051	SOFTWARE ENGINEERING	26	59	3
15A81A05I4	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15A81A05I4	RT32053	COMPUTER NETWORKS	22	50	3
15A81A05I4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15A81A05I4	RT32055	WEB TECHNOLOGIES	22	46	3
15A81A05I4	RT32056	IPR AND PATENTS	24	37	2
15A81A05I4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05I4	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15A81A05I4	RT32059	WEB TECHNOLOGIES LAB	21	37	2
15A81A05I5	RT32051	SOFTWARE ENGINEERING	28	32	3
15A81A05I5	RT32052	DATA WARE HOUSING AND MINING	18	27	3
15A81A05I5	RT32053	COMPUTER NETWORKS	26	39	3
15A81A05I5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	31	3
15A81A05I5	RT32055	WEB TECHNOLOGIES	24	31	3
15A81A05I5	RT32056	IPR AND PATENTS	25	43	2
15A81A05I5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05I5	RT32058	SOFTWARE ENGINEERING LAB	20	48	2
15A81A05I5	RT32059	WEB TECHNOLOGIES LAB	19	43	2
15A81A05I6	RT32051	SOFTWARE ENGINEERING	20	-1	0
15A81A05I6	RT32052	DATA WARE HOUSING AND MINING	16	15	0
15A81A05I6	RT32053	COMPUTER NETWORKS	14	20	0
15A81A05I6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	25	3
15A81A05I6	RT32055	WEB TECHNOLOGIES	17	2	0
15A81A05I6	RT32056	IPR AND PATENTS	11	30	2
15A81A05I6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15A81A05I6	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15A81A05I6	RT32059	WEB TECHNOLOGIES LAB	18	38	2
15A81A05I7	RT32051	SOFTWARE ENGINEERING	16	22	0
15A81A05I7	RT32052	DATA WARE HOUSING AND MINING	14	15	0
15A81A05I7	RT32053	COMPUTER NETWORKS	15	26	3
15A81A05I7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	8	0
15A81A05I7	RT32055	WEB TECHNOLOGIES	18	8	0
15A81A05I7	RT32056	IPR AND PATENTS	17	18	0
15A81A05I7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15A81A05I7	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
15A81A05I7	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A05I8	RT32051	SOFTWARE ENGINEERING	17	53	3
15A81A05I8	RT32052	DATA WARE HOUSING AND MINING	16	38	3
15A81A05I8	RT32053	COMPUTER NETWORKS	17	40	3
15A81A05I8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15A81A05I8	RT32055	WEB TECHNOLOGIES	22	25	3
15A81A05I8	RT32056	IPR AND PATENTS	20	26	2
15A81A05I8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15A81A05I8	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05I8	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15A81A05I9	RT32051	SOFTWARE ENGINEERING	26	28	3
15A81A05I9	RT32052	DATA WARE HOUSING AND MINING	20	27	3
15A81A05I9	RT32053	COMPUTER NETWORKS	21	37	3
15A81A05I9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	27	3
15A81A05I9	RT32055	WEB TECHNOLOGIES	24	33	3
15A81A05I9	RT32056	IPR AND PATENTS	24	47	2
15A81A05I9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15A81A05I9	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15A81A05I9	RT32059	WEB TECHNOLOGIES LAB	24	35	2
15A81A05J0	RT32051	SOFTWARE ENGINEERING	28	47	3
15A81A05J0	RT32052	DATA WARE HOUSING AND MINING	25	37	3
15A81A05J0	RT32053	COMPUTER NETWORKS	27	56	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05J0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15A81A05J0	RT32055	WEB TECHNOLOGIES	27	39	3
15A81A05J0	RT32056	IPR AND PATENTS	28	50	2
15A81A05J0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15A81A05J0	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A05J0	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15A81A05J2	RT32051	SOFTWARE ENGINEERING	23	55	3
15A81A05J2	RT32052	DATA WARE HOUSING AND MINING	16	12	0
15A81A05J2	RT32053	COMPUTER NETWORKS	17	36	3
15A81A05J2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
15A81A05J2	RT32055	WEB TECHNOLOGIES	18	37	3
15A81A05J2	RT32056	IPR AND PATENTS	19	40	2
15A81A05J2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05J2	RT32058	SOFTWARE ENGINEERING LAB	22	38	2
15A81A05J2	RT32059	WEB TECHNOLOGIES LAB	22	37	2
15A81A05J4	RT32051	SOFTWARE ENGINEERING	27	67	3
15A81A05J4	RT32052	DATA WARE HOUSING AND MINING	21	31	3
15A81A05J4	RT32053	COMPUTER NETWORKS	24	46	3
15A81A05J4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	36	3
15A81A05J4	RT32055	WEB TECHNOLOGIES	23	43	3
15A81A05J4	RT32056	IPR AND PATENTS	23	33	2
15A81A05J4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05J4	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15A81A05J4	RT32059	WEB TECHNOLOGIES LAB	20	49	2
15A81A05J5	RT32051	SOFTWARE ENGINEERING	28	34	3
15A81A05J5	RT32052	DATA WARE HOUSING AND MINING	24	44	3
15A81A05J5	RT32053	COMPUTER NETWORKS	28	39	3
15A81A05J5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15A81A05J5	RT32055	WEB TECHNOLOGIES	28	48	3
15A81A05J5	RT32056	IPR AND PATENTS	25	52	2
15A81A05J5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15A81A05J5	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15A81A05J5	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A05J6	RT32051	SOFTWARE ENGINEERING	22	36	3
15A81A05J6	RT32052	DATA WARE HOUSING AND MINING	19	27	3
15A81A05J6	RT32053	COMPUTER NETWORKS	23	44	3
15A81A05J6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	34	3
15A81A05J6	RT32055	WEB TECHNOLOGIES	22	34	3
15A81A05J6	RT32056	IPR AND PATENTS	24	39	2
15A81A05J6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15A81A05J6	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A05J6	RT32059	WEB TECHNOLOGIES LAB	21	39	2
15A81A05J7	RT32051	SOFTWARE ENGINEERING	25	44	3
15A81A05J7	RT32052	DATA WARE HOUSING AND MINING	16	9	0
15A81A05J7	RT32053	COMPUTER NETWORKS	16	24	3
15A81A05J7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15A81A05J7	RT32055	WEB TECHNOLOGIES	21	37	3
15A81A05J7	RT32056	IPR AND PATENTS	21	41	2
15A81A05J7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15A81A05J7	RT32058	SOFTWARE ENGINEERING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05J7	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15A81A05J8	RT32051	SOFTWARE ENGINEERING	16	56	3
15A81A05J8	RT32052	DATA WARE HOUSING AND MINING	11	34	3
15A81A05J8	RT32053	COMPUTER NETWORKS	18	30	3
15A81A05J8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	16	0
15A81A05J8	RT32055	WEB TECHNOLOGIES	11	14	0
15A81A05J8	RT32056	IPR AND PATENTS	15	25	2
15A81A05J8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05J8	RT32058	SOFTWARE ENGINEERING LAB	18	39	2
15A81A05J8	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15A81A05J9	RT32051	SOFTWARE ENGINEERING	22	15	0
15A81A05J9	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15A81A05J9	RT32053	COMPUTER NETWORKS	16	24	3
15A81A05J9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	17	0
15A81A05J9	RT32055	WEB TECHNOLOGIES	24	9	0
15A81A05J9	RT32056	IPR AND PATENTS	19	40	2
15A81A05J9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05J9	RT32058	SOFTWARE ENGINEERING LAB	22	39	2
15A81A05J9	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15A81A05K0	RT32051	SOFTWARE ENGINEERING	28	52	3
15A81A05K0	RT32052	DATA WARE HOUSING AND MINING	27	34	3
15A81A05K0	RT32053	COMPUTER NETWORKS	27	58	3
15A81A05K0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	38	3
15A81A05K0	RT32055	WEB TECHNOLOGIES	30	44	3
15A81A05K0	RT32056	IPR AND PATENTS	24	53	2
15A81A05K0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15A81A05K0	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15A81A05K0	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15A81A05K1	RT32051	SOFTWARE ENGINEERING	26	61	3
15A81A05K1	RT32052	DATA WARE HOUSING AND MINING	22	31	3
15A81A05K1	RT32053	COMPUTER NETWORKS	27	44	3
15A81A05K1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	43	3
15A81A05K1	RT32055	WEB TECHNOLOGIES	27	50	3
15A81A05K1	RT32056	IPR AND PATENTS	25	48	2
15A81A05K1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15A81A05K1	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15A81A05K1	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A05K2	RT32051	SOFTWARE ENGINEERING	27	60	3
15A81A05K2	RT32052	DATA WARE HOUSING AND MINING	21	41	3
15A81A05K2	RT32053	COMPUTER NETWORKS	22	58	3
15A81A05K2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	48	3
15A81A05K2	RT32055	WEB TECHNOLOGIES	24	33	3
15A81A05K2	RT32056	IPR AND PATENTS	23	24	2
15A81A05K2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
15A81A05K2	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15A81A05K2	RT32059	WEB TECHNOLOGIES LAB	21	41	2
15A81A05K3	RT32051	SOFTWARE ENGINEERING	26	35	3
15A81A05K3	RT32052	DATA WARE HOUSING AND MINING	19	10	0
15A81A05K3	RT32053	COMPUTER NETWORKS	23	18	0
15A81A05K3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05K3	RT32055	WEB TECHNOLOGIES	24	29	3
15A81A05K3	RT32056	IPR AND PATENTS	24	49	2
15A81A05K3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A05K3	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15A81A05K3	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15A81A05K4	RT32051	SOFTWARE ENGINEERING	18	25	3
15A81A05K4	RT32052	DATA WARE HOUSING AND MINING	15	14	0
15A81A05K4	RT32053	COMPUTER NETWORKS	22	35	3
15A81A05K4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	28	3
15A81A05K4	RT32055	WEB TECHNOLOGIES	18	27	3
15A81A05K4	RT32056	IPR AND PATENTS	19	31	2
15A81A05K4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15A81A05K4	RT32058	SOFTWARE ENGINEERING LAB	19	42	2
15A81A05K4	RT32059	WEB TECHNOLOGIES LAB	17	40	2
15A81A05K5	RT32051	SOFTWARE ENGINEERING	17	52	3
15A81A05K5	RT32052	DATA WARE HOUSING AND MINING	19	12	0
15A81A05K5	RT32053	COMPUTER NETWORKS	22	36	3
15A81A05K5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	30	3
15A81A05K5	RT32055	WEB TECHNOLOGIES	20	37	3
15A81A05K5	RT32056	IPR AND PATENTS	17	35	2
15A81A05K5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15A81A05K5	RT32058	SOFTWARE ENGINEERING LAB	18	40	2
15A81A05K5	RT32059	WEB TECHNOLOGIES LAB	24	34	2
15A81A05K6	RT32051	SOFTWARE ENGINEERING	24	54	3
15A81A05K6	RT32052	DATA WARE HOUSING AND MINING	21	38	3
15A81A05K6	RT32053	COMPUTER NETWORKS	28	37	3
15A81A05K6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15A81A05K6	RT32055	WEB TECHNOLOGIES	25	26	3
15A81A05K6	RT32056	IPR AND PATENTS	26	45	2
15A81A05K6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05K6	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05K6	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A05K7	RT32051	SOFTWARE ENGINEERING	28	32	3
15A81A05K7	RT32052	DATA WARE HOUSING AND MINING	22	40	3
15A81A05K7	RT32053	COMPUTER NETWORKS	27	36	3
15A81A05K7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	32	3
15A81A05K7	RT32055	WEB TECHNOLOGIES	25	48	3
15A81A05K7	RT32056	IPR AND PATENTS	24	43	2
15A81A05K7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A05K7	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05K7	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05K8	RT32051	SOFTWARE ENGINEERING	25	34	3
15A81A05K8	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15A81A05K8	RT32053	COMPUTER NETWORKS	26	48	3
15A81A05K8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
15A81A05K8	RT32055	WEB TECHNOLOGIES	27	44	3
15A81A05K8	RT32056	IPR AND PATENTS	25	42	2
15A81A05K8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05K8	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15A81A05K8	RT32059	WEB TECHNOLOGIES LAB	23	50	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05K9	RT32051	SOFTWARE ENGINEERING	22	60	3
15A81A05K9	RT32052	DATA WARE HOUSING AND MINING	23	53	3
15A81A05K9	RT32053	COMPUTER NETWORKS	21	38	3
15A81A05K9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	39	3
15A81A05K9	RT32055	WEB TECHNOLOGIES	27	46	3
15A81A05K9	RT32056	IPR AND PATENTS	23	44	2
15A81A05K9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A05K9	RT32058	SOFTWARE ENGINEERING LAB	24	41	2
15A81A05K9	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15A81A05L0	RT32051	SOFTWARE ENGINEERING	26	44	3
15A81A05L0	RT32052	DATA WARE HOUSING AND MINING	22	37	3
15A81A05L0	RT32053	COMPUTER NETWORKS	26	39	3
15A81A05L0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	54	3
15A81A05L0	RT32055	WEB TECHNOLOGIES	26	41	3
15A81A05L0	RT32056	IPR AND PATENTS	25	60	2
15A81A05L0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05L0	RT32058	SOFTWARE ENGINEERING LAB	21	48	2
15A81A05L0	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15A81A05L1	RT32051	SOFTWARE ENGINEERING	25	14	0
15A81A05L1	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15A81A05L1	RT32053	COMPUTER NETWORKS	24	26	3
15A81A05L1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15A81A05L1	RT32055	WEB TECHNOLOGIES	27	15	0
15A81A05L1	RT32056	IPR AND PATENTS	23	47	2
15A81A05L1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05L1	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15A81A05L1	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15A81A05L2	RT32051	SOFTWARE ENGINEERING	22	24	3
15A81A05L2	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15A81A05L2	RT32053	COMPUTER NETWORKS	20	48	3
15A81A05L2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
15A81A05L2	RT32055	WEB TECHNOLOGIES	21	38	3
15A81A05L2	RT32056	IPR AND PATENTS	23	42	2
15A81A05L2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15A81A05L2	RT32058	SOFTWARE ENGINEERING LAB	21	38	2
15A81A05L2	RT32059	WEB TECHNOLOGIES LAB	21	46	2
15A81A05L3	RT32051	SOFTWARE ENGINEERING	25	43	3
15A81A05L3	RT32052	DATA WARE HOUSING AND MINING	18	31	3
15A81A05L3	RT32053	COMPUTER NETWORKS	23	38	3
15A81A05L3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
15A81A05L3	RT32055	WEB TECHNOLOGIES	26	40	3
15A81A05L3	RT32056	IPR AND PATENTS	24	44	2
15A81A05L3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15A81A05L3	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15A81A05L3	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15A81A05L4	RT32051	SOFTWARE ENGINEERING	24	53	3
15A81A05L4	RT32052	DATA WARE HOUSING AND MINING	23	47	3
15A81A05L4	RT32053	COMPUTER NETWORKS	25	26	3
15A81A05L4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	49	3
15A81A05L4	RT32055	WEB TECHNOLOGIES	26	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05L4	RT32056	IPR AND PATENTS	25	38	2
15A81A05L4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15A81A05L4	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A05L4	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A05L5	RT32051	SOFTWARE ENGINEERING	24	28	3
15A81A05L5	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15A81A05L5	RT32053	COMPUTER NETWORKS	18	32	3
15A81A05L5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	9	0
15A81A05L5	RT32055	WEB TECHNOLOGIES	24	33	3
15A81A05L5	RT32056	IPR AND PATENTS	17	43	2
15A81A05L5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15A81A05L5	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A05L5	RT32059	WEB TECHNOLOGIES LAB	23	43	2
15A81A05L6	RT32051	SOFTWARE ENGINEERING	23	26	3
15A81A05L6	RT32052	DATA WARE HOUSING AND MINING	20	35	3
15A81A05L6	RT32053	COMPUTER NETWORKS	26	56	3
15A81A05L6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15A81A05L6	RT32055	WEB TECHNOLOGIES	23	38	3
15A81A05L6	RT32056	IPR AND PATENTS	26	48	2
15A81A05L6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	44	2
15A81A05L6	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15A81A05L6	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15A81A05L7	RT32051	SOFTWARE ENGINEERING	18	31	3
15A81A05L7	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15A81A05L7	RT32053	COMPUTER NETWORKS	21	40	3
15A81A05L7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
15A81A05L7	RT32055	WEB TECHNOLOGIES	18	32	3
15A81A05L7	RT32056	IPR AND PATENTS	20	32	2
15A81A05L7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15A81A05L7	RT32058	SOFTWARE ENGINEERING LAB	20	37	2
15A81A05L7	RT32059	WEB TECHNOLOGIES LAB	20	35	2
15A81A05L8	RT32051	SOFTWARE ENGINEERING	19	56	3
15A81A05L8	RT32052	DATA WARE HOUSING AND MINING	19	28	3
15A81A05L8	RT32053	COMPUTER NETWORKS	21	24	3
15A81A05L8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	49	3
15A81A05L8	RT32055	WEB TECHNOLOGIES	20	28	3
15A81A05L8	RT32056	IPR AND PATENTS	21	28	2
15A81A05L8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15A81A05L8	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15A81A05L8	RT32059	WEB TECHNOLOGIES LAB	21	38	2
15A81A05L9	RT32051	SOFTWARE ENGINEERING	25	31	3
15A81A05L9	RT32052	DATA WARE HOUSING AND MINING	21	36	3
15A81A05L9	RT32053	COMPUTER NETWORKS	26	36	3
15A81A05L9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	33	3
15A81A05L9	RT32055	WEB TECHNOLOGIES	28	54	3
15A81A05L9	RT32056	IPR AND PATENTS	23	50	2
15A81A05L9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05L9	RT32058	SOFTWARE ENGINEERING LAB	21	38	2
15A81A05L9	RT32059	WEB TECHNOLOGIES LAB	23	36	2
15A81A05M0	RT32051	SOFTWARE ENGINEERING	24	12	0



Htno	Subcode	Subname	Internal	External	Credits
15A81A05M0	RT32052	DATA WARE HOUSING AND MINING	23	26	3
15A81A05M0	RT32053	COMPUTER NETWORKS	27	46	3
15A81A05M0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	38	3
15A81A05M0	RT32055	WEB TECHNOLOGIES	26	34	3
15A81A05M0	RT32056	IPR AND PATENTS	23	44	2
15A81A05M0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15A81A05M0	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15A81A05M0	RT32059	WEB TECHNOLOGIES LAB	20	30	2
15A81A05M1	RT32051	SOFTWARE ENGINEERING	24	49	3
15A81A05M1	RT32052	DATA WARE HOUSING AND MINING	18	47	3
15A81A05M1	RT32053	COMPUTER NETWORKS	21	40	3
15A81A05M1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	29	3
15A81A05M1	RT32055	WEB TECHNOLOGIES	21	39	3
15A81A05M1	RT32056	IPR AND PATENTS	22	44	2
15A81A05M1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
15A81A05M1	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15A81A05M1	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15A81A05M2	RT32051	SOFTWARE ENGINEERING	21	43	3
15A81A05M2	RT32052	DATA WARE HOUSING AND MINING	16	24	3
15A81A05M2	RT32053	COMPUTER NETWORKS	13	38	3
15A81A05M2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	13	0
15A81A05M2	RT32055	WEB TECHNOLOGIES	14	26	3
15A81A05M2	RT32056	IPR AND PATENTS	17	33	2
15A81A05M2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15A81A05M2	RT32058	SOFTWARE ENGINEERING LAB	22	37	2
15A81A05M2	RT32059	WEB TECHNOLOGIES LAB	22	33	2
15A81A05M3	RT32051	SOFTWARE ENGINEERING	19	30	3
15A81A05M3	RT32052	DATA WARE HOUSING AND MINING	17	6	0
15A81A05M3	RT32053	COMPUTER NETWORKS	18	16	0
15A81A05M3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	7	0
15A81A05M3	RT32055	WEB TECHNOLOGIES	16	36	3
15A81A05M3	RT32056	IPR AND PATENTS	18	39	2
15A81A05M3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15A81A05M3	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
15A81A05M3	RT32059	WEB TECHNOLOGIES LAB	21	35	2
15A81A05M5	RT32051	SOFTWARE ENGINEERING	26	40	3
15A81A05M5	RT32052	DATA WARE HOUSING AND MINING	23	35	3
15A81A05M5	RT32053	COMPUTER NETWORKS	28	47	3
15A81A05M5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15A81A05M5	RT32055	WEB TECHNOLOGIES	26	38	3
15A81A05M5	RT32056	IPR AND PATENTS	25	40	2
15A81A05M5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05M5	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15A81A05M5	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15A81A05M6	RT32051	SOFTWARE ENGINEERING	28	59	3
15A81A05M6	RT32052	DATA WARE HOUSING AND MINING	24	47	3
15A81A05M6	RT32053	COMPUTER NETWORKS	26	44	3
15A81A05M6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	42	3
15A81A05M6	RT32055	WEB TECHNOLOGIES	26	43	3
15A81A05M6	RT32056	IPR AND PATENTS	25	35	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05M6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15A81A05M6	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15A81A05M6	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15A81A05M7	RT32051	SOFTWARE ENGINEERING	26	58	3
15A81A05M7	RT32052	DATA WARE HOUSING AND MINING	24	34	3
15A81A05M7	RT32053	COMPUTER NETWORKS	24	44	3
15A81A05M7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	56	3
15A81A05M7	RT32055	WEB TECHNOLOGIES	28	57	3
15A81A05M7	RT32056	IPR AND PATENTS	26	38	2
15A81A05M7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15A81A05M7	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15A81A05M7	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15A81A05M8	RT32051	SOFTWARE ENGINEERING	26	30	3
15A81A05M8	RT32052	DATA WARE HOUSING AND MINING	19	38	3
15A81A05M8	RT32053	COMPUTER NETWORKS	26	43	3
15A81A05M8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3
15A81A05M8	RT32055	WEB TECHNOLOGIES	27	51	3
15A81A05M8	RT32056	IPR AND PATENTS	25	58	2
15A81A05M8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05M8	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05M8	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15A81A05M9	RT32051	SOFTWARE ENGINEERING	28	38	3
15A81A05M9	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15A81A05M9	RT32053	COMPUTER NETWORKS	28	56	3
15A81A05M9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	42	3
15A81A05M9	RT32055	WEB TECHNOLOGIES	28	38	3
15A81A05M9	RT32056	IPR AND PATENTS	25	54	2
15A81A05M9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15A81A05M9	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15A81A05M9	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15A81A05N0	RT32051	SOFTWARE ENGINEERING	21	38	3
15A81A05N0	RT32052	DATA WARE HOUSING AND MINING	22	41	3
15A81A05N0	RT32053	COMPUTER NETWORKS	18	33	3
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15A81A05N0	RT32059	WEB TECHNOLOGIES LAB	17	43	2
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15A81A05N1	RT32052	DATA WARE HOUSING AND MINING	18	27	3
15A81A05N1	RT32053	COMPUTER NETWORKS	23	26	3
15A81A05N1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15A81A05N1	RT32055	WEB TECHNOLOGIES	21	24	3
15A81A05N1	RT32056	IPR AND PATENTS	25	34	2
15A81A05N1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15A81A05N1	RT32058	SOFTWARE ENGINEERING LAB	22	41	2
15A81A05N1	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15A81A05N2	RT32051	SOFTWARE ENGINEERING	17	29	3
15A81A05N2	RT32052	DATA WARE HOUSING AND MINING	20	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05N2	RT32053	COMPUTER NETWORKS	24	41	3
15A81A05N2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
15A81A05N2	RT32055	WEB TECHNOLOGIES	26	36	3
15A81A05N2	RT32056	IPR AND PATENTS	22	39	2
15A81A05N2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15A81A05N2	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15A81A05N2	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15A81A05N4	RT32051	SOFTWARE ENGINEERING	25	37	3
15A81A05N4	RT32052	DATA WARE HOUSING AND MINING	25	37	3
15A81A05N4	RT32053	COMPUTER NETWORKS	24	44	3
15A81A05N4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	40	3
15A81A05N4	RT32055	WEB TECHNOLOGIES	28	45	3
15A81A05N4	RT32056	IPR AND PATENTS	25	43	2
15A81A05N4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15A81A05N4	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15A81A05N4	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15A81A05N5	RT32051	SOFTWARE ENGINEERING	20	41	3
15A81A05N5	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15A81A05N5	RT32053	COMPUTER NETWORKS	18	40	3
15A81A05N5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
15A81A05N5	RT32055	WEB TECHNOLOGIES	17	31	3
15A81A05N5	RT32056	IPR AND PATENTS	22	40	2
15A81A05N5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	47	2
15A81A05N5	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15A81A05N5	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15A81A05N6	RT32051	SOFTWARE ENGINEERING	21	56	3
15A81A05N6	RT32052	DATA WARE HOUSING AND MINING	13	27	3
15A81A05N6	RT32053	COMPUTER NETWORKS	19	25	3
15A81A05N6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	45	3
15A81A05N6	RT32055	WEB TECHNOLOGIES	17	24	3
15A81A05N6	RT32056	IPR AND PATENTS	21	33	2
15A81A05N6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15A81A05N6	RT32058	SOFTWARE ENGINEERING LAB	23	38	2
15A81A05N6	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15A81A05N8	RT32051	SOFTWARE ENGINEERING	27	31	3
15A81A05N8	RT32052	DATA WARE HOUSING AND MINING	23	44	3
15A81A05N8	RT32053	COMPUTER NETWORKS	22	47	3
15A81A05N8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
15A81A05N8	RT32055	WEB TECHNOLOGIES	27	12	0
15A81A05N8	RT32056	IPR AND PATENTS	24	42	2
15A81A05N8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15A81A05N8	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15A81A05N8	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15A81A05N9	RT32051	SOFTWARE ENGINEERING	18	24	3
15A81A05N9	RT32052	DATA WARE HOUSING AND MINING	13	27	3
15A81A05N9	RT32053	COMPUTER NETWORKS	15	36	3
15A81A05N9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
15A81A05N9	RT32055	WEB TECHNOLOGIES	15	17	0
15A81A05N9	RT32056	IPR AND PATENTS	17	29	2
15A81A05N9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05N9	RT32058	SOFTWARE ENGINEERING LAB	20	38	2
15A81A05N9	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15A81A05O0	RT32051	SOFTWARE ENGINEERING	19	31	3
15A81A05O0	RT32052	DATA WARE HOUSING AND MINING	14	29	3
15A81A05O0	RT32053	COMPUTER NETWORKS	15	4	0
15A81A05O0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	2	0
15A81A05O0	RT32055	WEB TECHNOLOGIES	15	32	3
15A81A05O0	RT32056	IPR AND PATENTS	18	39	2
15A81A05O0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15A81A05O0	RT32058	SOFTWARE ENGINEERING LAB	20	37	2
15A81A05O0	RT32059	WEB TECHNOLOGIES LAB	22	39	2
15A85A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
15A85A0228	RT32022	SWITCHGEAR AND PROTECTION	13	26	0
15A85A0243	RT32022	SWITCHGEAR AND PROTECTION	20	31	3
15A85A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	0	0
15A85A0254	RT32022	SWITCHGEAR AND PROTECTION	16	18	0
15A85A0254	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	15	0
15A85A0254	RT32024	POWER SYSTEM ANALYSIS	29	9	0
15A85A0254	RT32026	POWER SEMICONDUCTOR DRIVES	15	26	3
15A85A0254	RT32027	POWER ELECTRONICS LAB	19	39	2
15A85A0256	RT32022	SWITCHGEAR AND PROTECTION	15	35	3
15A85A0257	RT32024	POWER SYSTEM ANALYSIS	30	33	3
15A85A0260	RT32022	SWITCHGEAR AND PROTECTION	19	31	3
15A85A0303	RT32035	HEAT TRANSFER	19	29	3
15A85A0321	RT32035	HEAT TRANSFER	21	31	3
15A85A0331	RT32031	OPERATIONS RESEARCH	13	27	3
15A85A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	28	3
15A85A0331	RT32033	DESIGN OF MACHINE MEMBERS II	13	16	0
15A85A0331	RT32034	ROBOTICS	21	52	3
15A85A0331	RT32035	HEAT TRANSFER	18	8	0
15A85A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	5	0
15A85A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	22	10	0
15A85A0331	RT32038	HEAT TRANSFER LAB	18	19	2
15A85A0402	RT32042	DIGITAL SIGNAL PROCESSING	13	2	0
15A85A0402	RT32043	DIGITAL COMMUNICATIONS	13	2	0
15A85A0402	RT32044	MICROWAVE ENGINEERING	14	0	0
15A85A0402	RT32045A	BIO MEDICAL ENGINEERING	6	4	0
15A85A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
15A85A0407	RT32042	DIGITAL SIGNAL PROCESSING	15	25	3
15A85A0407	RT32043	DIGITAL COMMUNICATIONS	21	28	3
15A85A0407	RT32044	MICROWAVE ENGINEERING	22	24	3
15A85A0407	RT32045A	BIO MEDICAL ENGINEERING	20	26	3
15A85A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A85A0407	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
15A85A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	30	2
15A85A0407	RT32049	SEMINAR	26	0	1
15A85A0410	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
15A85A0413	RT32042	DIGITAL SIGNAL PROCESSING	13	27	3
15A85A0416	RT32042	DIGITAL SIGNAL PROCESSING	10	10	0
15A85A0416	RT32043	DIGITAL COMMUNICATIONS	11	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15A85A0416	RT32044	MICROWAVE ENGINEERING	12	3	0
15A85A0418	RT32042	DIGITAL SIGNAL PROCESSING	14	19	0
15A85A0421	RT32042	DIGITAL SIGNAL PROCESSING	18	25	3
15A85A0422	RT32042	DIGITAL SIGNAL PROCESSING	15	36	3
15A85A0422	RT32044	MICROWAVE ENGINEERING	16	29	3
15A85A0424	RT32042	DIGITAL SIGNAL PROCESSING	16	37	3
15A85A0427	RT32045A	BIO MEDICAL ENGINEERING	13	56	3
15B21A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	30	3
15B21A0486	RT32042	DIGITAL SIGNAL PROCESSING	26	50	3
15B21A0486	RT32043	DIGITAL COMMUNICATIONS	26	52	3
15B21A0486	RT32044	MICROWAVE ENGINEERING	25	39	3
15B21A0486	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
15B21A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15B21A0486	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15B21A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15B21A0486	RT32049	SEMINAR	40	0	1
16A85A0101	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
16A85A0101	RT32012	GEOTECHNICAL ENGINEERING II	27	66	3
16A85A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	45	3
16A85A0101	RT32014	WATER RESOURCES ENGINEERING I	25	60	3
16A85A0101	RT32015	TRANSPORTATION ENGINEERING II	26	37	3
16A85A0101	RT32016E	FINITE ELEMENT METHOD	24	30	3
16A85A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
16A85A0101	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
16A85A0102	RT32011	ENVIRONMENTAL ENGINEERING I	24	45	3
16A85A0102	RT32012	GEOTECHNICAL ENGINEERING II	26	48	3
16A85A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	66	3
16A85A0102	RT32014	WATER RESOURCES ENGINEERING I	16	48	3
16A85A0102	RT32015	TRANSPORTATION ENGINEERING II	19	51	3
16A85A0102	RT32016E	FINITE ELEMENT METHOD	20	42	3
16A85A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	62	2
16A85A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
16A85A0103	RT32011	ENVIRONMENTAL ENGINEERING I	19	35	3
16A85A0103	RT32012	GEOTECHNICAL ENGINEERING II	23	59	3
16A85A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	54	3
16A85A0103	RT32014	WATER RESOURCES ENGINEERING I	17	43	3
16A85A0103	RT32015	TRANSPORTATION ENGINEERING II	21	56	3
16A85A0103	RT32016E	FINITE ELEMENT METHOD	18	8	0
16A85A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	54	2
16A85A0103	RT32018	TRANSPORTATION ENGINEERING LAB	19	32	2
16A85A0104	RT32011	ENVIRONMENTAL ENGINEERING I	18	35	3
16A85A0104	RT32012	GEOTECHNICAL ENGINEERING II	22	58	3
16A85A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	36	3
16A85A0104	RT32014	WATER RESOURCES ENGINEERING I	17	35	3
16A85A0104	RT32015	TRANSPORTATION ENGINEERING II	17	55	3
16A85A0104	RT32016E	FINITE ELEMENT METHOD	15	25	3
16A85A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	38	2
16A85A0104	RT32018	TRANSPORTATION ENGINEERING LAB	20	38	2
16A85A0105	RT32011	ENVIRONMENTAL ENGINEERING I	24	47	3
16A85A0105	RT32012	GEOTECHNICAL ENGINEERING II	25	50	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	41	3
16A85A0105	RT32014	WATER RESOURCES ENGINEERING I	22	59	3
16A85A0105	RT32015	TRANSPORTATION ENGINEERING II	26	29	3
16A85A0105	RT32016E	FINITE ELEMENT METHOD	18	32	3
16A85A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	52	2
16A85A0105	RT32018	TRANSPORTATION ENGINEERING LAB	20	35	2
16A85A0106	RT32011	ENVIRONMENTAL ENGINEERING I	19	48	3
16A85A0106	RT32012	GEOTECHNICAL ENGINEERING II	21	29	3
16A85A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	61	3
16A85A0106	RT32014	WATER RESOURCES ENGINEERING I	16	37	3
16A85A0106	RT32015	TRANSPORTATION ENGINEERING II	16	37	3
16A85A0106	RT32016E	FINITE ELEMENT METHOD	18	26	3
16A85A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	35	2
16A85A0106	RT32018	TRANSPORTATION ENGINEERING LAB	20	26	2
16A85A0107	RT32011	ENVIRONMENTAL ENGINEERING I	24	35	3
16A85A0107	RT32012	GEOTECHNICAL ENGINEERING II	28	64	3
16A85A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	45	3
16A85A0107	RT32014	WATER RESOURCES ENGINEERING I	23	54	3
16A85A0107	RT32015	TRANSPORTATION ENGINEERING II	24	52	3
16A85A0107	RT32016E	FINITE ELEMENT METHOD	19	31	3
16A85A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	59	2
16A85A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
16A85A0109	RT32011	ENVIRONMENTAL ENGINEERING I	24	43	3
16A85A0109	RT32012	GEOTECHNICAL ENGINEERING II	27	56	3
16A85A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	33	3
16A85A0109	RT32014	WATER RESOURCES ENGINEERING I	21	35	3
16A85A0109	RT32015	TRANSPORTATION ENGINEERING II	23	45	3
16A85A0109	RT32016E	FINITE ELEMENT METHOD	21	27	3
16A85A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	68	2
16A85A0109	RT32018	TRANSPORTATION ENGINEERING LAB	23	41	2
16A85A0110	RT32011	ENVIRONMENTAL ENGINEERING I	25	41	3
16A85A0110	RT32012	GEOTECHNICAL ENGINEERING II	27	36	3
16A85A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	50	3
16A85A0110	RT32014	WATER RESOURCES ENGINEERING I	25	46	3
16A85A0110	RT32015	TRANSPORTATION ENGINEERING II	24	45	3
16A85A0110	RT32016E	FINITE ELEMENT METHOD	25	28	3
16A85A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	56	2
16A85A0110	RT32018	TRANSPORTATION ENGINEERING LAB	23	44	2
16A85A0111	RT32011	ENVIRONMENTAL ENGINEERING I	23	42	3
16A85A0111	RT32012	GEOTECHNICAL ENGINEERING II	23	24	3
16A85A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	48	3
16A85A0111	RT32014	WATER RESOURCES ENGINEERING I	14	38	3
16A85A0111	RT32015	TRANSPORTATION ENGINEERING II	14	35	3
16A85A0111	RT32016E	FINITE ELEMENT METHOD	15	26	3
16A85A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	38	2
16A85A0111	RT32018	TRANSPORTATION ENGINEERING LAB	18	43	2
16A85A0112	RT32011	ENVIRONMENTAL ENGINEERING I	24	35	3
16A85A0112	RT32012	GEOTECHNICAL ENGINEERING II	28	54	3
16A85A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	50	3
16A85A0112	RT32014	WATER RESOURCES ENGINEERING I	23	59	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0112	RT32015	TRANSPORTATION ENGINEERING II	23	43	3
16A85A0112	RT32016E	FINITE ELEMENT METHOD	21	42	3
16A85A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	66	2
16A85A0112	RT32018	TRANSPORTATION ENGINEERING LAB	23	43	2
16A85A0113	RT32011	ENVIRONMENTAL ENGINEERING I	24	42	3
16A85A0113	RT32012	GEOTECHNICAL ENGINEERING II	26	45	3
16A85A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	25	3
16A85A0113	RT32014	WATER RESOURCES ENGINEERING I	21	47	3
16A85A0113	RT32015	TRANSPORTATION ENGINEERING II	22	45	3
16A85A0113	RT32016E	FINITE ELEMENT METHOD	16	5	0
16A85A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	58	2
16A85A0113	RT32018	TRANSPORTATION ENGINEERING LAB	21	38	2
16A85A0114	RT32011	ENVIRONMENTAL ENGINEERING I	26	53	3
16A85A0114	RT32012	GEOTECHNICAL ENGINEERING II	28	55	3
16A85A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	47	3
16A85A0114	RT32014	WATER RESOURCES ENGINEERING I	28	61	3
16A85A0114	RT32015	TRANSPORTATION ENGINEERING II	28	46	3
16A85A0114	RT32016E	FINITE ELEMENT METHOD	24	40	3
16A85A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	69	2
16A85A0114	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
16A85A0115	RT32011	ENVIRONMENTAL ENGINEERING I	22	34	3
16A85A0115	RT32012	GEOTECHNICAL ENGINEERING II	16	14	0
16A85A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	50	3
16A85A0115	RT32014	WATER RESOURCES ENGINEERING I	17	33	3
16A85A0115	RT32015	TRANSPORTATION ENGINEERING II	17	29	3
16A85A0115	RT32016E	FINITE ELEMENT METHOD	20	10	0
16A85A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	17	58	2
16A85A0115	RT32018	TRANSPORTATION ENGINEERING LAB	18	20	2
16A85A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	40	3
16A85A0201	RT32022	SWITCHGEAR AND PROTECTION	22	34	3
16A85A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	54	3
16A85A0201	RT32024	POWER SYSTEM ANALYSIS	27	37	3
16A85A0201	RT32025	MANAGEMENT SCIENCE	24	39	3
16A85A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	43	3
16A85A0201	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
16A85A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	70	3
16A85A0203	RT32022	SWITCHGEAR AND PROTECTION	29	56	3
16A85A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	43	3
16A85A0203	RT32024	POWER SYSTEM ANALYSIS	28	61	3
16A85A0203	RT32025	MANAGEMENT SCIENCE	27	45	3
16A85A0203	RT32026	POWER SEMICONDUCTOR DRIVES	27	61	3
16A85A0203	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16A85A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	15	0
16A85A0204	RT32022	SWITCHGEAR AND PROTECTION	15	25	3
16A85A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	19	0
16A85A0204	RT32024	POWER SYSTEM ANALYSIS	19	24	3
16A85A0204	RT32025	MANAGEMENT SCIENCE	21	46	3
16A85A0204	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0204	RT32027	POWER ELECTRONICS LAB	11	25	2
16A85A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
16A85A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	57	3
16A85A0206	RT32022	SWITCHGEAR AND PROTECTION	24	54	3
16A85A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	47	3
16A85A0206	RT32024	POWER SYSTEM ANALYSIS	24	31	3
16A85A0206	RT32025	MANAGEMENT SCIENCE	23	47	3
16A85A0206	RT32026	POWER SEMICONDUCTOR DRIVES	26	39	3
16A85A0206	RT32027	POWER ELECTRONICS LAB	23	46	2
16A85A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	44	3
16A85A0207	RT32022	SWITCHGEAR AND PROTECTION	21	28	3
16A85A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	49	3
16A85A0207	RT32024	POWER SYSTEM ANALYSIS	20	33	3
16A85A0207	RT32025	MANAGEMENT SCIENCE	22	39	3
16A85A0207	RT32026	POWER SEMICONDUCTOR DRIVES	24	51	3
16A85A0207	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	37	3
16A85A0208	RT32022	SWITCHGEAR AND PROTECTION	22	36	3
16A85A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	34	3
16A85A0208	RT32024	POWER SYSTEM ANALYSIS	21	45	3
16A85A0208	RT32025	MANAGEMENT SCIENCE	24	49	3
16A85A0208	RT32026	POWER SEMICONDUCTOR DRIVES	21	55	3
16A85A0208	RT32027	POWER ELECTRONICS LAB	19	38	2
16A85A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	26	3
16A85A0209	RT32022	SWITCHGEAR AND PROTECTION	17	31	3
16A85A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	39	3
16A85A0209	RT32024	POWER SYSTEM ANALYSIS	19	29	3
16A85A0209	RT32025	MANAGEMENT SCIENCE	26	42	3
16A85A0209	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
16A85A0209	RT32027	POWER ELECTRONICS LAB	23	44	2
16A85A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
16A85A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	54	3
16A85A0210	RT32022	SWITCHGEAR AND PROTECTION	25	58	3
16A85A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	39	3
16A85A0210	RT32024	POWER SYSTEM ANALYSIS	20	65	3
16A85A0210	RT32025	MANAGEMENT SCIENCE	22	46	3
16A85A0210	RT32026	POWER SEMICONDUCTOR DRIVES	26	30	3
16A85A0210	RT32027	POWER ELECTRONICS LAB	23	45	2
16A85A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16A85A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	42	3
16A85A0211	RT32022	SWITCHGEAR AND PROTECTION	18	33	3
16A85A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	52	3
16A85A0211	RT32024	POWER SYSTEM ANALYSIS	20	25	3
16A85A0211	RT32025	MANAGEMENT SCIENCE	25	36	3
16A85A0211	RT32026	POWER SEMICONDUCTOR DRIVES	21	45	3
16A85A0211	RT32027	POWER ELECTRONICS LAB	24	46	2
16A85A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2



Htno	Subcode	Subname	Internal	External	Credits
16A85A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	42	3
16A85A0212	RT32022	SWITCHGEAR AND PROTECTION	19	34	3
16A85A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	36	3
16A85A0212	RT32024	POWER SYSTEM ANALYSIS	24	45	3
16A85A0212	RT32025	MANAGEMENT SCIENCE	26	45	3
16A85A0212	RT32026	POWER SEMICONDUCTOR DRIVES	25	33	3
16A85A0212	RT32027	POWER ELECTRONICS LAB	23	45	2
16A85A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	31	3
16A85A0213	RT32022	SWITCHGEAR AND PROTECTION	20	56	3
16A85A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	70	3
16A85A0213	RT32024	POWER SYSTEM ANALYSIS	24	47	3
16A85A0213	RT32025	MANAGEMENT SCIENCE	27	50	3
16A85A0213	RT32026	POWER SEMICONDUCTOR DRIVES	26	33	3
16A85A0213	RT32027	POWER ELECTRONICS LAB	23	45	2
16A85A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	50	3
16A85A0214	RT32022	SWITCHGEAR AND PROTECTION	21	53	3
16A85A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	38	3
16A85A0214	RT32024	POWER SYSTEM ANALYSIS	23	47	3
16A85A0214	RT32025	MANAGEMENT SCIENCE	24	47	3
16A85A0214	RT32026	POWER SEMICONDUCTOR DRIVES	25	37	3
16A85A0214	RT32027	POWER ELECTRONICS LAB	23	45	2
16A85A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	30	3
16A85A0215	RT32022	SWITCHGEAR AND PROTECTION	21	24	3
16A85A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	52	3
16A85A0215	RT32024	POWER SYSTEM ANALYSIS	19	18	0
16A85A0215	RT32025	MANAGEMENT SCIENCE	19	24	3
16A85A0215	RT32026	POWER SEMICONDUCTOR DRIVES	21	40	3
16A85A0215	RT32027	POWER ELECTRONICS LAB	21	40	2
16A85A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	23	46	2
16A85A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	44	3
16A85A0216	RT32022	SWITCHGEAR AND PROTECTION	22	51	3
16A85A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	36	3
16A85A0216	RT32024	POWER SYSTEM ANALYSIS	21	44	3
16A85A0216	RT32025	MANAGEMENT SCIENCE	24	59	3
16A85A0216	RT32026	POWER SEMICONDUCTOR DRIVES	25	40	3
16A85A0216	RT32027	POWER ELECTRONICS LAB	24	47	2
16A85A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
16A85A0217	RT32022	SWITCHGEAR AND PROTECTION	24	37	3
16A85A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	49	3
16A85A0217	RT32024	POWER SYSTEM ANALYSIS	23	39	3
16A85A0217	RT32025	MANAGEMENT SCIENCE	24	46	3
16A85A0217	RT32026	POWER SEMICONDUCTOR DRIVES	22	35	3
16A85A0217	RT32027	POWER ELECTRONICS LAB	23	46	2
16A85A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	65	3
16A85A0218	RT32022	SWITCHGEAR AND PROTECTION	25	54	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	48	3
16A85A0218	RT32024	POWER SYSTEM ANALYSIS	27	70	3
16A85A0218	RT32025	MANAGEMENT SCIENCE	23	47	3
16A85A0218	RT32026	POWER SEMICONDUCTOR DRIVES	25	36	3
16A85A0218	RT32027	POWER ELECTRONICS LAB	24	47	2
16A85A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	37	3
16A85A0219	RT32022	SWITCHGEAR AND PROTECTION	17	38	3
16A85A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	54	3
16A85A0219	RT32024	POWER SYSTEM ANALYSIS	15	29	3
16A85A0219	RT32025	MANAGEMENT SCIENCE	20	37	3
16A85A0219	RT32026	POWER SEMICONDUCTOR DRIVES	20	46	3
16A85A0219	RT32027	POWER ELECTRONICS LAB	23	45	2
16A85A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16A85A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	34	3
16A85A0220	RT32022	SWITCHGEAR AND PROTECTION	21	49	3
16A85A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	38	3
16A85A0220	RT32024	POWER SYSTEM ANALYSIS	24	43	3
16A85A0220	RT32025	MANAGEMENT SCIENCE	24	55	3
16A85A0220	RT32026	POWER SEMICONDUCTOR DRIVES	23	40	3
16A85A0220	RT32027	POWER ELECTRONICS LAB	22	45	2
16A85A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
16A85A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	32	3
16A85A0221	RT32022	SWITCHGEAR AND PROTECTION	21	35	3
16A85A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	44	3
16A85A0221	RT32024	POWER SYSTEM ANALYSIS	19	37	3
16A85A0221	RT32025	MANAGEMENT SCIENCE	22	41	3
16A85A0221	RT32026	POWER SEMICONDUCTOR DRIVES	23	38	3
16A85A0221	RT32027	POWER ELECTRONICS LAB	22	42	2
16A85A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
16A85A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	31	3
16A85A0222	RT32022	SWITCHGEAR AND PROTECTION	16	34	3
16A85A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	11	0
16A85A0222	RT32024	POWER SYSTEM ANALYSIS	15	27	3
16A85A0222	RT32025	MANAGEMENT SCIENCE	18	29	3
16A85A0222	RT32026	POWER SEMICONDUCTOR DRIVES	15	11	0
16A85A0222	RT32027	POWER ELECTRONICS LAB	15	35	2
16A85A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
16A85A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	34	3
16A85A0223	RT32022	SWITCHGEAR AND PROTECTION	20	32	3
16A85A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	55	3
16A85A0223	RT32024	POWER SYSTEM ANALYSIS	19	34	3
16A85A0223	RT32025	MANAGEMENT SCIENCE	22	36	3
16A85A0223	RT32026	POWER SEMICONDUCTOR DRIVES	24	31	3
16A85A0223	RT32027	POWER ELECTRONICS LAB	20	40	2
16A85A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
16A85A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	30	3
16A85A0224	RT32022	SWITCHGEAR AND PROTECTION	23	31	3
16A85A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	28	3
16A85A0224	RT32024	POWER SYSTEM ANALYSIS	16	44	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0224	RT32025	MANAGEMENT SCIENCE	24	47	3
16A85A0224	RT32026	POWER SEMICONDUCTOR DRIVES	15	32	3
16A85A0224	RT32027	POWER ELECTRONICS LAB	23	44	2
16A85A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
16A85A0225	RT32022	SWITCHGEAR AND PROTECTION	22	30	3
16A85A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	40	3
16A85A0225	RT32024	POWER SYSTEM ANALYSIS	23	36	3
16A85A0225	RT32025	MANAGEMENT SCIENCE	24	34	3
16A85A0225	RT32026	POWER SEMICONDUCTOR DRIVES	21	15	0
16A85A0225	RT32027	POWER ELECTRONICS LAB	20	40	2
16A85A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
16A85A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	47	3
16A85A0226	RT32022	SWITCHGEAR AND PROTECTION	21	53	3
16A85A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	47	3
16A85A0226	RT32024	POWER SYSTEM ANALYSIS	19	53	3
16A85A0226	RT32025	MANAGEMENT SCIENCE	24	50	3
16A85A0226	RT32026	POWER SEMICONDUCTOR DRIVES	25	30	3
16A85A0226	RT32027	POWER ELECTRONICS LAB	23	47	2
16A85A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3
16A85A0227	RT32022	SWITCHGEAR AND PROTECTION	22	33	3
16A85A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	45	3
16A85A0227	RT32024	POWER SYSTEM ANALYSIS	21	24	3
16A85A0227	RT32025	MANAGEMENT SCIENCE	20	24	3
16A85A0227	RT32026	POWER SEMICONDUCTOR DRIVES	26	40	3
16A85A0227	RT32027	POWER ELECTRONICS LAB	23	46	2
16A85A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16A85A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	36	3
16A85A0228	RT32022	SWITCHGEAR AND PROTECTION	22	40	3
16A85A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	34	3
16A85A0228	RT32024	POWER SYSTEM ANALYSIS	16	40	3
16A85A0228	RT32025	MANAGEMENT SCIENCE	25	53	3
16A85A0228	RT32026	POWER SEMICONDUCTOR DRIVES	21	52	3
16A85A0228	RT32027	POWER ELECTRONICS LAB	24	47	2
16A85A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
16A85A0229	RT32022	SWITCHGEAR AND PROTECTION	22	37	3
16A85A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	56	3
16A85A0229	RT32024	POWER SYSTEM ANALYSIS	25	42	3
16A85A0229	RT32025	MANAGEMENT SCIENCE	21	48	3
16A85A0229	RT32026	POWER SEMICONDUCTOR DRIVES	24	35	3
16A85A0229	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	62	3
16A85A0230	RT32022	SWITCHGEAR AND PROTECTION	22	49	3
16A85A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	38	3
16A85A0230	RT32024	POWER SYSTEM ANALYSIS	23	45	3
16A85A0230	RT32025	MANAGEMENT SCIENCE	23	49	3
16A85A0230	RT32026	POWER SEMICONDUCTOR DRIVES	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0230	RT32027	POWER ELECTRONICS LAB	22	46	2
16A85A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	43	3
16A85A0231	RT32022	SWITCHGEAR AND PROTECTION	27	46	3
16A85A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	59	3
16A85A0231	RT32024	POWER SYSTEM ANALYSIS	28	35	3
16A85A0231	RT32025	MANAGEMENT SCIENCE	25	42	3
16A85A0231	RT32026	POWER SEMICONDUCTOR DRIVES	27	50	3
16A85A0231	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16A85A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	38	3
16A85A0232	RT32022	SWITCHGEAR AND PROTECTION	23	39	3
16A85A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	26	3
16A85A0232	RT32024	POWER SYSTEM ANALYSIS	24	31	3
16A85A0232	RT32025	MANAGEMENT SCIENCE	23	42	3
16A85A0232	RT32026	POWER SEMICONDUCTOR DRIVES	25	34	3
16A85A0232	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	26	3
16A85A0233	RT32022	SWITCHGEAR AND PROTECTION	25	46	3
16A85A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	48	3
16A85A0233	RT32024	POWER SYSTEM ANALYSIS	17	42	3
16A85A0233	RT32025	MANAGEMENT SCIENCE	22	46	3
16A85A0233	RT32026	POWER SEMICONDUCTOR DRIVES	25	24	3
16A85A0233	RT32027	POWER ELECTRONICS LAB	23	47	2
16A85A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	23	47	2
16A85A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	16	0
16A85A0234	RT32022	SWITCHGEAR AND PROTECTION	18	45	3
16A85A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	18	0
16A85A0234	RT32024	POWER SYSTEM ANALYSIS	17	29	3
16A85A0234	RT32025	MANAGEMENT SCIENCE	19	46	3
16A85A0234	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
16A85A0234	RT32027	POWER ELECTRONICS LAB	23	48	2
16A85A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
16A85A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	44	3
16A85A0235	RT32022	SWITCHGEAR AND PROTECTION	20	31	3
16A85A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	47	3
16A85A0235	RT32024	POWER SYSTEM ANALYSIS	21	25	3
16A85A0235	RT32025	MANAGEMENT SCIENCE	21	36	3
16A85A0235	RT32026	POWER SEMICONDUCTOR DRIVES	26	35	3
16A85A0235	RT32027	POWER ELECTRONICS LAB	24	47	2
16A85A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
16A85A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	47	3
16A85A0236	RT32022	SWITCHGEAR AND PROTECTION	24	31	3
16A85A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	26	3
16A85A0236	RT32024	POWER SYSTEM ANALYSIS	22	41	3
16A85A0236	RT32025	MANAGEMENT SCIENCE	23	48	3
16A85A0236	RT32026	POWER SEMICONDUCTOR DRIVES	22	28	3
16A85A0236	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	14	0
16A85A0237	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
16A85A0237	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	34	3
16A85A0237	RT32024	POWER SYSTEM ANALYSIS	24	34	3
16A85A0237	RT32025	MANAGEMENT SCIENCE	25	38	3
16A85A0237	RT32026	POWER SEMICONDUCTOR DRIVES	23	15	0
16A85A0237	RT32027	POWER ELECTRONICS LAB	23	46	2
16A85A0237	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	12	0
16A85A0238	RT32022	SWITCHGEAR AND PROTECTION	20	31	3
16A85A0238	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	14	0
16A85A0238	RT32024	POWER SYSTEM ANALYSIS	16	3	0
16A85A0238	RT32025	MANAGEMENT SCIENCE	18	33	3
16A85A0238	RT32026	POWER SEMICONDUCTOR DRIVES	20	10	0
16A85A0238	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0238	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
16A85A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	35	3
16A85A0239	RT32022	SWITCHGEAR AND PROTECTION	23	35	3
16A85A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	53	3
16A85A0239	RT32024	POWER SYSTEM ANALYSIS	24	38	3
16A85A0239	RT32025	MANAGEMENT SCIENCE	24	36	3
16A85A0239	RT32026	POWER SEMICONDUCTOR DRIVES	29	51	3
16A85A0239	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	19	0
16A85A0240	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
16A85A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
16A85A0240	RT32024	POWER SYSTEM ANALYSIS	18	24	3
16A85A0240	RT32025	MANAGEMENT SCIENCE	22	45	3
16A85A0240	RT32026	POWER SEMICONDUCTOR DRIVES	23	14	0
16A85A0240	RT32027	POWER ELECTRONICS LAB	23	47	2
16A85A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	28	3
16A85A0241	RT32022	SWITCHGEAR AND PROTECTION	22	46	3
16A85A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	44	3
16A85A0241	RT32024	POWER SYSTEM ANALYSIS	24	50	3
16A85A0241	RT32025	MANAGEMENT SCIENCE	26	31	3
16A85A0241	RT32026	POWER SEMICONDUCTOR DRIVES	27	24	3
16A85A0241	RT32027	POWER ELECTRONICS LAB	22	48	2
16A85A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0243	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	52	3
16A85A0243	RT32022	SWITCHGEAR AND PROTECTION	23	42	3
16A85A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	39	3
16A85A0243	RT32024	POWER SYSTEM ANALYSIS	24	51	3
16A85A0243	RT32025	MANAGEMENT SCIENCE	23	53	3
16A85A0243	RT32026	POWER SEMICONDUCTOR DRIVES	27	42	3
16A85A0243	RT32027	POWER ELECTRONICS LAB	24	49	2
16A85A0243	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	47	3
16A85A0244	RT32022	SWITCHGEAR AND PROTECTION	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0244	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	52	3
16A85A0244	RT32024	POWER SYSTEM ANALYSIS	25	39	3
16A85A0244	RT32025	MANAGEMENT SCIENCE	23	37	3
16A85A0244	RT32026	POWER SEMICONDUCTOR DRIVES	26	50	3
16A85A0244	RT32027	POWER ELECTRONICS LAB	24	49	2
16A85A0244	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0245	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	30	3
16A85A0245	RT32022	SWITCHGEAR AND PROTECTION	16	43	3
16A85A0245	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	28	3
16A85A0245	RT32024	POWER SYSTEM ANALYSIS	17	37	3
16A85A0245	RT32025	MANAGEMENT SCIENCE	23	47	3
16A85A0245	RT32026	POWER SEMICONDUCTOR DRIVES	26	31	3
16A85A0245	RT32027	POWER ELECTRONICS LAB	24	48	2
16A85A0245	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
16A85A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	36	3
16A85A0246	RT32022	SWITCHGEAR AND PROTECTION	25	44	3
16A85A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	44	3
16A85A0246	RT32024	POWER SYSTEM ANALYSIS	24	54	3
16A85A0246	RT32025	MANAGEMENT SCIENCE	23	34	3
16A85A0246	RT32026	POWER SEMICONDUCTOR DRIVES	27	27	3
16A85A0246	RT32027	POWER ELECTRONICS LAB	24	49	2
16A85A0246	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	50	3
16A85A0247	RT32022	SWITCHGEAR AND PROTECTION	22	53	3
16A85A0247	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	55	3
16A85A0247	RT32024	POWER SYSTEM ANALYSIS	17	48	3
16A85A0247	RT32025	MANAGEMENT SCIENCE	24	49	3
16A85A0247	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
16A85A0247	RT32027	POWER ELECTRONICS LAB	24	49	2
16A85A0247	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	36	3
16A85A0248	RT32022	SWITCHGEAR AND PROTECTION	23	37	3
16A85A0248	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	53	3
16A85A0248	RT32024	POWER SYSTEM ANALYSIS	27	40	3
16A85A0248	RT32025	MANAGEMENT SCIENCE	25	36	3
16A85A0248	RT32026	POWER SEMICONDUCTOR DRIVES	29	42	3
16A85A0248	RT32027	POWER ELECTRONICS LAB	24	49	2
16A85A0248	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0249	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	54	3
16A85A0249	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
16A85A0249	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
16A85A0249	RT32024	POWER SYSTEM ANALYSIS	24	51	3
16A85A0249	RT32025	MANAGEMENT SCIENCE	21	43	3
16A85A0249	RT32026	POWER SEMICONDUCTOR DRIVES	25	38	3
16A85A0249	RT32027	POWER ELECTRONICS LAB	23	48	2
16A85A0249	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
16A85A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	27	3
16A85A0250	RT32022	SWITCHGEAR AND PROTECTION	24	35	3
16A85A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	56	3
16A85A0250	RT32024	POWER SYSTEM ANALYSIS	22	41	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0250	RT32025	MANAGEMENT SCIENCE	24	40	3
16A85A0250	RT32026	POWER SEMICONDUCTOR DRIVES	26	27	3
16A85A0250	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0250	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16A85A0252	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	53	3
16A85A0252	RT32022	SWITCHGEAR AND PROTECTION	25	56	3
16A85A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	59	3
16A85A0252	RT32024	POWER SYSTEM ANALYSIS	18	57	3
16A85A0252	RT32025	MANAGEMENT SCIENCE	24	47	3
16A85A0252	RT32026	POWER SEMICONDUCTOR DRIVES	27	31	3
16A85A0252	RT32027	POWER ELECTRONICS LAB	25	49	2
16A85A0252	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
16A85A0301	RT32031	OPERATIONS RESEARCH	20	24	3
16A85A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	43	3
16A85A0301	RT32033	DESIGN OF MACHINE MEMBERS II	21	37	3
16A85A0301	RT32034	ROBOTICS	24	44	3
16A85A0301	RT32035	HEAT TRANSFER	19	29	3
16A85A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	48	3
16A85A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	24	33	3
16A85A0301	RT32038	HEAT TRANSFER LAB	21	36	2
16A85A0302	RT32031	OPERATIONS RESEARCH	21	34	3
16A85A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
16A85A0302	RT32033	DESIGN OF MACHINE MEMBERS II	21	42	3
16A85A0302	RT32034	ROBOTICS	28	34	3
16A85A0302	RT32035	HEAT TRANSFER	24	43	3
16A85A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	40	3
16A85A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	20	35	3
16A85A0302	RT32038	HEAT TRANSFER LAB	20	33	2
16A85A0303	RT32031	OPERATIONS RESEARCH	25	41	3
16A85A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	41	3
16A85A0303	RT32033	DESIGN OF MACHINE MEMBERS II	25	50	3
16A85A0303	RT32034	ROBOTICS	26	42	3
16A85A0303	RT32035	HEAT TRANSFER	24	45	3
16A85A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	55	3
16A85A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	22	55	3
16A85A0303	RT32038	HEAT TRANSFER LAB	21	42	2
16A85A0304	RT32031	OPERATIONS RESEARCH	22	34	3
16A85A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	27	3
16A85A0304	RT32033	DESIGN OF MACHINE MEMBERS II	29	37	3
16A85A0304	RT32034	ROBOTICS	22	38	3
16A85A0304	RT32035	HEAT TRANSFER	27	24	3
16A85A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	39	3
16A85A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	22	42	3
16A85A0304	RT32038	HEAT TRANSFER LAB	21	43	2
16A85A0305	RT32031	OPERATIONS RESEARCH	19	17	0
16A85A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	26	3
16A85A0305	RT32033	DESIGN OF MACHINE MEMBERS II	17	11	0
16A85A0305	RT32034	ROBOTICS	20	44	3
16A85A0305	RT32035	HEAT TRANSFER	13	17	0
16A85A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	37	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	13	38	3
16A85A0305	RT32038	HEAT TRANSFER LAB	18	28	2
16A85A0306	RT32031	OPERATIONS RESEARCH	27	60	3
16A85A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	27	3
16A85A0306	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
16A85A0306	RT32034	ROBOTICS	25	37	3
16A85A0306	RT32035	HEAT TRANSFER	24	40	3
16A85A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	44	3
16A85A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	20	39	3
16A85A0306	RT32038	HEAT TRANSFER LAB	23	44	2
16A85A0307	RT32031	OPERATIONS RESEARCH	19	28	3
16A85A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	33	3
16A85A0307	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
16A85A0307	RT32034	ROBOTICS	26	42	3
16A85A0307	RT32035	HEAT TRANSFER	19	43	3
16A85A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	52	3
16A85A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	24	43	3
16A85A0307	RT32038	HEAT TRANSFER LAB	22	40	2
16A85A0308	RT32031	OPERATIONS RESEARCH	24	33	3
16A85A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	48	3
16A85A0308	RT32033	DESIGN OF MACHINE MEMBERS II	28	42	3
16A85A0308	RT32034	ROBOTICS	27	56	3
16A85A0308	RT32035	HEAT TRANSFER	27	45	3
16A85A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	63	3
16A85A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	26	70	3
16A85A0308	RT32038	HEAT TRANSFER LAB	23	45	2
16A85A0309	RT32031	OPERATIONS RESEARCH	14	28	3
16A85A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	37	3
16A85A0309	RT32033	DESIGN OF MACHINE MEMBERS II	18	33	3
16A85A0309	RT32034	ROBOTICS	21	45	3
16A85A0309	RT32035	HEAT TRANSFER	21	29	3
16A85A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
16A85A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
16A85A0309	RT32038	HEAT TRANSFER LAB	20	36	2
16A85A0310	RT32031	OPERATIONS RESEARCH	18	49	3
16A85A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	30	3
16A85A0310	RT32033	DESIGN OF MACHINE MEMBERS II	22	46	3
16A85A0310	RT32034	ROBOTICS	27	33	3
16A85A0310	RT32035	HEAT TRANSFER	26	39	3
16A85A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	34	3
16A85A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	21	34	3
16A85A0310	RT32038	HEAT TRANSFER LAB	21	43	2
16A85A0312	RT32031	OPERATIONS RESEARCH	24	49	3
16A85A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	37	3
16A85A0312	RT32033	DESIGN OF MACHINE MEMBERS II	25	27	3
16A85A0312	RT32034	ROBOTICS	26	40	3
16A85A0312	RT32035	HEAT TRANSFER	27	52	3
16A85A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	70	3
16A85A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	23	45	3
16A85A0312	RT32038	HEAT TRANSFER LAB	23	43	2



Htno	Subcode	Subname	Internal	External	Credits
16A85A0313	RT32031	OPERATIONS RESEARCH	23	47	3
16A85A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	41	3
16A85A0313	RT32033	DESIGN OF MACHINE MEMBERS II	23	50	3
16A85A0313	RT32034	ROBOTICS	29	41	3
16A85A0313	RT32035	HEAT TRANSFER	22	39	3
16A85A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	40	3
16A85A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	22	50	3
16A85A0313	RT32038	HEAT TRANSFER LAB	21	40	2
16A85A0314	RT32031	OPERATIONS RESEARCH	18	32	3
16A85A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	36	3
16A85A0314	RT32033	DESIGN OF MACHINE MEMBERS II	23	30	3
16A85A0314	RT32034	ROBOTICS	26	42	3
16A85A0314	RT32035	HEAT TRANSFER	23	29	3
16A85A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	52	3
16A85A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	24	52	3
16A85A0314	RT32038	HEAT TRANSFER LAB	23	40	2
16A85A0315	RT32031	OPERATIONS RESEARCH	22	53	3
16A85A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	33	3
16A85A0315	RT32033	DESIGN OF MACHINE MEMBERS II	25	37	3
16A85A0315	RT32034	ROBOTICS	26	33	3
16A85A0315	RT32035	HEAT TRANSFER	26	43	3
16A85A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	50	3
16A85A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	24	52	3
16A85A0315	RT32038	HEAT TRANSFER LAB	21	42	2
16A85A0317	RT32031	OPERATIONS RESEARCH	19	27	3
16A85A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	28	3
16A85A0317	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
16A85A0317	RT32034	ROBOTICS	26	35	3
16A85A0317	RT32035	HEAT TRANSFER	16	35	3
16A85A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	27	3
16A85A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	20	36	3
16A85A0317	RT32038	HEAT TRANSFER LAB	21	32	2
16A85A0319	RT32031	OPERATIONS RESEARCH	14	30	3
16A85A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	36	3
16A85A0319	RT32033	DESIGN OF MACHINE MEMBERS II	16	28	3
16A85A0319	RT32034	ROBOTICS	23	52	3
16A85A0319	RT32035	HEAT TRANSFER	14	26	3
16A85A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	38	3
16A85A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	21	39	3
16A85A0319	RT32038	HEAT TRANSFER LAB	17	36	2
16A85A0320	RT32031	OPERATIONS RESEARCH	22	38	3
16A85A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	40	3
16A85A0320	RT32033	DESIGN OF MACHINE MEMBERS II	24	52	3
16A85A0320	RT32034	ROBOTICS	26	50	3
16A85A0320	RT32035	HEAT TRANSFER	28	30	3
16A85A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	59	3
16A85A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	26	58	3
16A85A0320	RT32038	HEAT TRANSFER LAB	23	44	2
16A85A0321	RT32031	OPERATIONS RESEARCH	19	33	3
16A85A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0321	RT32033	DESIGN OF MACHINE MEMBERS II	24	17	0
16A85A0321	RT32034	ROBOTICS	24	26	3
16A85A0321	RT32035	HEAT TRANSFER	21	46	3
16A85A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	26	3
16A85A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	26	36	3
16A85A0321	RT32038	HEAT TRANSFER LAB	21	32	2
16A85A0322	RT32031	OPERATIONS RESEARCH	18	29	3
16A85A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
16A85A0322	RT32033	DESIGN OF MACHINE MEMBERS II	20	14	0
16A85A0322	RT32034	ROBOTICS	20	34	3
16A85A0322	RT32035	HEAT TRANSFER	19	24	3
16A85A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	38	3
16A85A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
16A85A0322	RT32038	HEAT TRANSFER LAB	17	38	2
16A85A0323	RT32031	OPERATIONS RESEARCH	22	36	3
16A85A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	36	3
16A85A0323	RT32033	DESIGN OF MACHINE MEMBERS II	23	44	3
16A85A0323	RT32034	ROBOTICS	23	47	3
16A85A0323	RT32035	HEAT TRANSFER	22	24	3
16A85A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	37	3
16A85A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	26	39	3
16A85A0323	RT32038	HEAT TRANSFER LAB	21	30	2
16A85A0324	RT32031	OPERATIONS RESEARCH	15	28	3
16A85A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	29	3
16A85A0324	RT32033	DESIGN OF MACHINE MEMBERS II	20	39	3
16A85A0324	RT32034	ROBOTICS	25	38	3
16A85A0324	RT32035	HEAT TRANSFER	22	24	3
16A85A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	41	3
16A85A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
16A85A0324	RT32038	HEAT TRANSFER LAB	20	10	0
16A85A0325	RT32031	OPERATIONS RESEARCH	19	36	3
16A85A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	34	3
16A85A0325	RT32033	DESIGN OF MACHINE MEMBERS II	30	50	3
16A85A0325	RT32034	ROBOTICS	24	31	3
16A85A0325	RT32035	HEAT TRANSFER	26	43	3
16A85A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	36	3
16A85A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	26	47	3
16A85A0325	RT32038	HEAT TRANSFER LAB	22	24	2
16A85A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	15	0
16A85A0401	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
16A85A0401	RT32043	DIGITAL COMMUNICATIONS	19	24	3
16A85A0401	RT32044	MICROWAVE ENGINEERING	24	42	3
16A85A0401	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
16A85A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
16A85A0401	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
16A85A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
16A85A0401	RT32049	SEMINAR	28	0	1
16A85A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	52	3
16A85A0402	RT32042	DIGITAL SIGNAL PROCESSING	21	28	3
16A85A0402	RT32043	DIGITAL COMMUNICATIONS	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0402	RT32044	MICROWAVE ENGINEERING	26	43	3
16A85A0402	RT32045A	BIO MEDICAL ENGINEERING	21	47	3
16A85A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16A85A0402	RT32047	DIGITAL COMMUNICATIONS LAB	25	46	2
16A85A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
16A85A0402	RT32049	SEMINAR	46	0	1
16A85A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	15	0
16A85A0403	RT32042	DIGITAL SIGNAL PROCESSING	19	36	3
16A85A0403	RT32043	DIGITAL COMMUNICATIONS	16	40	3
16A85A0403	RT32044	MICROWAVE ENGINEERING	23	15	0
16A85A0403	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
16A85A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16A85A0403	RT32047	DIGITAL COMMUNICATIONS LAB	21	41	2
16A85A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
16A85A0403	RT32049	SEMINAR	40	0	1
16A85A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3
16A85A0404	RT32042	DIGITAL SIGNAL PROCESSING	17	26	3
16A85A0404	RT32043	DIGITAL COMMUNICATIONS	16	43	3
16A85A0404	RT32044	MICROWAVE ENGINEERING	16	34	3
16A85A0404	RT32045A	BIO MEDICAL ENGINEERING	17	54	3
16A85A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
16A85A0404	RT32047	DIGITAL COMMUNICATIONS LAB	6	-1	0
16A85A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	30	2
16A85A0404	RT32049	SEMINAR	30	0	1
16A85A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	8	0
16A85A0405	RT32042	DIGITAL SIGNAL PROCESSING	18	18	0
16A85A0405	RT32043	DIGITAL COMMUNICATIONS	14	20	0
16A85A0405	RT32044	MICROWAVE ENGINEERING	16	16	0
16A85A0405	RT32045A	BIO MEDICAL ENGINEERING	17	1	0
16A85A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	41	2
16A85A0405	RT32047	DIGITAL COMMUNICATIONS LAB	17	41	2
16A85A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
16A85A0405	RT32049	SEMINAR	29	0	1
16A85A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3
16A85A0406	RT32042	DIGITAL SIGNAL PROCESSING	16	34	3
16A85A0406	RT32043	DIGITAL COMMUNICATIONS	21	41	3
16A85A0406	RT32044	MICROWAVE ENGINEERING	21	54	3
16A85A0406	RT32045A	BIO MEDICAL ENGINEERING	20	39	3
16A85A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
16A85A0406	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
16A85A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
16A85A0406	RT32049	SEMINAR	28	0	1
16A85A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	13	0
16A85A0407	RT32042	DIGITAL SIGNAL PROCESSING	15	18	0
16A85A0407	RT32043	DIGITAL COMMUNICATIONS	15	25	3
16A85A0407	RT32044	MICROWAVE ENGINEERING	18	16	0
16A85A0407	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
16A85A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16A85A0407	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
16A85A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0407	RT32049	SEMINAR	42	0	1
16A85A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	21	0
16A85A0408	RT32042	DIGITAL SIGNAL PROCESSING	14	25	0
16A85A0408	RT32043	DIGITAL COMMUNICATIONS	17	19	0
16A85A0408	RT32044	MICROWAVE ENGINEERING	22	14	0
16A85A0408	RT32045A	BIO MEDICAL ENGINEERING	16	9	0
16A85A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16A85A0408	RT32047	DIGITAL COMMUNICATIONS LAB	18	41	2
16A85A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	36	2
16A85A0408	RT32049	SEMINAR	28	0	1
16A85A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	31	3
16A85A0409	RT32042	DIGITAL SIGNAL PROCESSING	20	31	3
16A85A0409	RT32043	DIGITAL COMMUNICATIONS	22	40	3
16A85A0409	RT32044	MICROWAVE ENGINEERING	24	39	3
16A85A0409	RT32045A	BIO MEDICAL ENGINEERING	20	37	3
16A85A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
16A85A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
16A85A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
16A85A0409	RT32049	SEMINAR	40	0	1
16A85A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	28	3
16A85A0410	RT32042	DIGITAL SIGNAL PROCESSING	16	33	3
16A85A0410	RT32043	DIGITAL COMMUNICATIONS	19	3	0
16A85A0410	RT32044	MICROWAVE ENGINEERING	21	38	3
16A85A0410	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
16A85A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
16A85A0410	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
16A85A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	34	2
16A85A0410	RT32049	SEMINAR	30	0	1
16A85A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	8	0
16A85A0411	RT32042	DIGITAL SIGNAL PROCESSING	14	30	3
16A85A0411	RT32043	DIGITAL COMMUNICATIONS	22	45	3
16A85A0411	RT32044	MICROWAVE ENGINEERING	26	18	0
16A85A0411	RT32045A	BIO MEDICAL ENGINEERING	18	33	3
16A85A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
16A85A0411	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
16A85A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
16A85A0411	RT32049	SEMINAR	42	0	1
16A85A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	31	3
16A85A0412	RT32042	DIGITAL SIGNAL PROCESSING	22	30	3
16A85A0412	RT32043	DIGITAL COMMUNICATIONS	23	30	3
16A85A0412	RT32044	MICROWAVE ENGINEERING	25	24	3
16A85A0412	RT32045A	BIO MEDICAL ENGINEERING	20	28	3
16A85A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
16A85A0412	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
16A85A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
16A85A0412	RT32049	SEMINAR	45	0	1
16A85A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	20	0
16A85A0413	RT32042	DIGITAL SIGNAL PROCESSING	14	21	0
16A85A0413	RT32043	DIGITAL COMMUNICATIONS	16	24	3
16A85A0413	RT32044	MICROWAVE ENGINEERING	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0413	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
16A85A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
16A85A0413	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
16A85A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	32	2
16A85A0413	RT32049	SEMINAR	29	0	1
16A85A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	39	3
16A85A0414	RT32042	DIGITAL SIGNAL PROCESSING	16	30	3
16A85A0414	RT32043	DIGITAL COMMUNICATIONS	22	7	0
16A85A0414	RT32044	MICROWAVE ENGINEERING	20	37	3
16A85A0414	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
16A85A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	39	2
16A85A0414	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
16A85A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	38	2
16A85A0414	RT32049	SEMINAR	25	0	1
16A85A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	24	0
16A85A0415	RT32042	DIGITAL SIGNAL PROCESSING	13	30	3
16A85A0415	RT32043	DIGITAL COMMUNICATIONS	19	24	3
16A85A0415	RT32044	MICROWAVE ENGINEERING	19	26	3
16A85A0415	RT32045A	BIO MEDICAL ENGINEERING	16	34	3
16A85A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	35	2
16A85A0415	RT32047	DIGITAL COMMUNICATIONS LAB	19	39	2
16A85A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	39	2
16A85A0415	RT32049	SEMINAR	25	0	1
16A85A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	15	0
16A85A0416	RT32042	DIGITAL SIGNAL PROCESSING	19	19	0
16A85A0416	RT32043	DIGITAL COMMUNICATIONS	22	24	3
16A85A0416	RT32044	MICROWAVE ENGINEERING	20	28	3
16A85A0416	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
16A85A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
16A85A0416	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
16A85A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	42	2
16A85A0416	RT32049	SEMINAR	43	0	1
16A85A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	40	3
16A85A0417	RT32042	DIGITAL SIGNAL PROCESSING	22	48	3
16A85A0417	RT32043	DIGITAL COMMUNICATIONS	26	48	3
16A85A0417	RT32044	MICROWAVE ENGINEERING	25	45	3
16A85A0417	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
16A85A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
16A85A0417	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
16A85A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
16A85A0417	RT32049	SEMINAR	30	0	1
16A85A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	48	3
16A85A0418	RT32042	DIGITAL SIGNAL PROCESSING	19	32	3
16A85A0418	RT32043	DIGITAL COMMUNICATIONS	22	30	3
16A85A0418	RT32044	MICROWAVE ENGINEERING	27	29	3
16A85A0418	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
16A85A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
16A85A0418	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
16A85A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	39	2
16A85A0418	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
16A85A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	10	0
16A85A0419	RT32042	DIGITAL SIGNAL PROCESSING	11	29	3
16A85A0419	RT32043	DIGITAL COMMUNICATIONS	18	28	3
16A85A0419	RT32044	MICROWAVE ENGINEERING	22	14	0
16A85A0419	RT32045A	BIO MEDICAL ENGINEERING	15	29	3
16A85A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
16A85A0419	RT32047	DIGITAL COMMUNICATIONS LAB	17	33	2
16A85A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	31	2
16A85A0419	RT32049	SEMINAR	25	0	1
16A85A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	11	0
16A85A0420	RT32042	DIGITAL SIGNAL PROCESSING	10	38	3
16A85A0420	RT32043	DIGITAL COMMUNICATIONS	19	32	3
16A85A0420	RT32044	MICROWAVE ENGINEERING	21	28	3
16A85A0420	RT32045A	BIO MEDICAL ENGINEERING	12	8	0
16A85A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	32	2
16A85A0420	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2
16A85A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	36	2
16A85A0420	RT32049	SEMINAR	25	0	1
16A85A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
16A85A0421	RT32042	DIGITAL SIGNAL PROCESSING	16	32	3
16A85A0421	RT32043	DIGITAL COMMUNICATIONS	20	27	3
16A85A0421	RT32044	MICROWAVE ENGINEERING	21	31	3
16A85A0421	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
16A85A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
16A85A0421	RT32047	DIGITAL COMMUNICATIONS LAB	18	37	2
16A85A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	46	2
16A85A0421	RT32049	SEMINAR	28	0	1
16A85A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	36	3
16A85A0422	RT32042	DIGITAL SIGNAL PROCESSING	13	27	3
16A85A0422	RT32043	DIGITAL COMMUNICATIONS	22	24	3
16A85A0422	RT32044	MICROWAVE ENGINEERING	20	28	3
16A85A0422	RT32045A	BIO MEDICAL ENGINEERING	16	35	3
16A85A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	33	2
16A85A0422	RT32047	DIGITAL COMMUNICATIONS LAB	18	42	2
16A85A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	40	2
16A85A0422	RT32049	SEMINAR	25	0	1
16A85A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	47	3
16A85A0423	RT32042	DIGITAL SIGNAL PROCESSING	22	58	3
16A85A0423	RT32043	DIGITAL COMMUNICATIONS	22	39	3
16A85A0423	RT32044	MICROWAVE ENGINEERING	27	34	3
16A85A0423	RT32045A	BIO MEDICAL ENGINEERING	27	48	3
16A85A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
16A85A0423	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
16A85A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	38	2
16A85A0423	RT32049	SEMINAR	25	0	1
16A85A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	5	0
16A85A0424	RT32042	DIGITAL SIGNAL PROCESSING	16	20	0
16A85A0424	RT32043	DIGITAL COMMUNICATIONS	17	16	0
16A85A0424	RT32044	MICROWAVE ENGINEERING	17	14	0
16A85A0424	RT32045A	BIO MEDICAL ENGINEERING	16	11	0

Htno	Subcode	Subname	Internal	External	Credits
16A85A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	31	2
16A85A0424	RT32047	DIGITAL COMMUNICATIONS LAB	23	34	2
16A85A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	40	2
16A85A0424	RT32049	SEMINAR	38	0	1
16A85A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	36	3
16A85A0425	RT32042	DIGITAL SIGNAL PROCESSING	21	34	3
16A85A0425	RT32043	DIGITAL COMMUNICATIONS	22	37	3
16A85A0425	RT32044	MICROWAVE ENGINEERING	26	36	3
16A85A0425	RT32045A	BIO MEDICAL ENGINEERING	24	30	3
16A85A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
16A85A0425	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
16A85A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
16A85A0425	RT32049	SEMINAR	44	0	1
16A85A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	42	3
16A85A0426	RT32042	DIGITAL SIGNAL PROCESSING	6	16	0
16A85A0426	RT32043	DIGITAL COMMUNICATIONS	14	30	3
16A85A0426	RT32044	MICROWAVE ENGINEERING	9	15	0
16A85A0426	RT32045A	BIO MEDICAL ENGINEERING	7	9	0
16A85A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	34	2
16A85A0426	RT32047	DIGITAL COMMUNICATIONS LAB	19	35	2
16A85A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	38	2
16A85A0426	RT32049	SEMINAR	25	0	1
16A85A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	31	3
16A85A0427	RT32042	DIGITAL SIGNAL PROCESSING	29	50	3
16A85A0427	RT32043	DIGITAL COMMUNICATIONS	25	29	3
16A85A0427	RT32044	MICROWAVE ENGINEERING	26	42	3
16A85A0427	RT32045A	BIO MEDICAL ENGINEERING	20	50	3
16A85A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16A85A0427	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
16A85A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	48	2
16A85A0427	RT32049	SEMINAR	40	0	1
16A85A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	2	0
16A85A0428	RT32042	DIGITAL SIGNAL PROCESSING	15	8	0
16A85A0428	RT32043	DIGITAL COMMUNICATIONS	19	13	0
16A85A0428	RT32044	MICROWAVE ENGINEERING	21	5	0
16A85A0428	RT32045A	BIO MEDICAL ENGINEERING	13	13	0
16A85A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	35	2
16A85A0428	RT32047	DIGITAL COMMUNICATIONS LAB	18	33	2
16A85A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	32	2
16A85A0428	RT32049	SEMINAR	25	0	1
16A85A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	54	3
16A85A0429	RT32042	DIGITAL SIGNAL PROCESSING	27	39	3
16A85A0429	RT32043	DIGITAL COMMUNICATIONS	25	50	3
16A85A0429	RT32044	MICROWAVE ENGINEERING	26	46	3
16A85A0429	RT32045A	BIO MEDICAL ENGINEERING	26	42	3
16A85A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16A85A0429	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
16A85A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
16A85A0429	RT32049	SEMINAR	50	0	1
16A85A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	29	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0430	RT32042	DIGITAL SIGNAL PROCESSING	23	26	3
16A85A0430	RT32043	DIGITAL COMMUNICATIONS	16	30	3
16A85A0430	RT32044	MICROWAVE ENGINEERING	18	32	3
16A85A0430	RT32045A	BIO MEDICAL ENGINEERING	13	34	3
16A85A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	37	2
16A85A0430	RT32047	DIGITAL COMMUNICATIONS LAB	18	36	2
16A85A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	38	2
16A85A0430	RT32049	SEMINAR	45	0	1
16A85A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	7	0
16A85A0431	RT32042	DIGITAL SIGNAL PROCESSING	16	28	3
16A85A0431	RT32043	DIGITAL COMMUNICATIONS	24	18	0
16A85A0431	RT32044	MICROWAVE ENGINEERING	24	5	0
16A85A0431	RT32045A	BIO MEDICAL ENGINEERING	15	30	3
16A85A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	22	2
16A85A0431	RT32047	DIGITAL COMMUNICATIONS LAB	18	44	2
16A85A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	35	2
16A85A0431	RT32049	SEMINAR	22	0	1
16A85A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
16A85A0432	RT32042	DIGITAL SIGNAL PROCESSING	25	43	3
16A85A0432	RT32043	DIGITAL COMMUNICATIONS	23	39	3
16A85A0432	RT32044	MICROWAVE ENGINEERING	28	34	3
16A85A0432	RT32045A	BIO MEDICAL ENGINEERING	21	46	3
16A85A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
16A85A0432	RT32047	DIGITAL COMMUNICATIONS LAB	18	41	2
16A85A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
16A85A0432	RT32049	SEMINAR	40	0	1
16A85A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	50	3
16A85A0433	RT32042	DIGITAL SIGNAL PROCESSING	26	43	3
16A85A0433	RT32043	DIGITAL COMMUNICATIONS	24	40	3
16A85A0433	RT32044	MICROWAVE ENGINEERING	26	49	3
16A85A0433	RT32045A	BIO MEDICAL ENGINEERING	25	45	3
16A85A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
16A85A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
16A85A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
16A85A0433	RT32049	SEMINAR	42	0	1
16A85A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	55	3
16A85A0434	RT32042	DIGITAL SIGNAL PROCESSING	24	35	3
16A85A0434	RT32043	DIGITAL COMMUNICATIONS	25	41	3
16A85A0434	RT32044	MICROWAVE ENGINEERING	22	44	3
16A85A0434	RT32045A	BIO MEDICAL ENGINEERING	20	39	3
16A85A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16A85A0434	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
16A85A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
16A85A0434	RT32049	SEMINAR	42	0	1
16A85A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	49	3
16A85A0435	RT32042	DIGITAL SIGNAL PROCESSING	24	45	3
16A85A0435	RT32043	DIGITAL COMMUNICATIONS	24	45	3
16A85A0435	RT32044	MICROWAVE ENGINEERING	27	44	3
16A85A0435	RT32045A	BIO MEDICAL ENGINEERING	20	48	3
16A85A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2



Htno	Subcode	Subname	Internal	External	Credits
16A85A0435	RT32047	DIGITAL COMMUNICATIONS LAB	19	42	2
16A85A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
16A85A0435	RT32049	SEMINAR	40	0	1
16A85A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	41	3
16A85A0436	RT32042	DIGITAL SIGNAL PROCESSING	23	34	3
16A85A0436	RT32043	DIGITAL COMMUNICATIONS	21	39	3
16A85A0436	RT32044	MICROWAVE ENGINEERING	28	46	3
16A85A0436	RT32045A	BIO MEDICAL ENGINEERING	18	38	3
16A85A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
16A85A0436	RT32047	DIGITAL COMMUNICATIONS LAB	19	41	2
16A85A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
16A85A0436	RT32049	SEMINAR	40	0	1
16A85A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	35	3
16A85A0437	RT32042	DIGITAL SIGNAL PROCESSING	21	39	3
16A85A0437	RT32043	DIGITAL COMMUNICATIONS	20	24	3
16A85A0437	RT32044	MICROWAVE ENGINEERING	24	33	3
16A85A0437	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
16A85A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16A85A0437	RT32047	DIGITAL COMMUNICATIONS LAB	19	41	2
16A85A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	41	2
16A85A0437	RT32049	SEMINAR	39	0	1
16A85A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	29	3
16A85A0438	RT32042	DIGITAL SIGNAL PROCESSING	21	29	3
16A85A0438	RT32043	DIGITAL COMMUNICATIONS	20	39	3
16A85A0438	RT32044	MICROWAVE ENGINEERING	23	50	3
16A85A0438	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
16A85A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
16A85A0438	RT32047	DIGITAL COMMUNICATIONS LAB	20	39	2
16A85A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
16A85A0438	RT32049	SEMINAR	35	0	1
16A85A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	14	0
16A85A0439	RT32042	DIGITAL SIGNAL PROCESSING	9	9	0
16A85A0439	RT32043	DIGITAL COMMUNICATIONS	21	17	0
16A85A0439	RT32044	MICROWAVE ENGINEERING	18	18	0
16A85A0439	RT32045A	BIO MEDICAL ENGINEERING	15	24	0
16A85A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	31	2
16A85A0439	RT32047	DIGITAL COMMUNICATIONS LAB	18	36	2
16A85A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	39	2
16A85A0439	RT32049	SEMINAR	35	0	1
16A85A0501	RT32051	SOFTWARE ENGINEERING	20	18	0
16A85A0501	RT32052	DATA WARE HOUSING AND MINING	20	24	3
16A85A0501	RT32053	COMPUTER NETWORKS	18	24	3
16A85A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
16A85A0501	RT32055	WEB TECHNOLOGIES	23	39	3
16A85A0501	RT32056	IPR AND PATENTS	24	35	2
16A85A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
16A85A0501	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
16A85A0501	RT32059	WEB TECHNOLOGIES LAB	22	48	2
16A85A0502	RT32051	SOFTWARE ENGINEERING	25	36	3
16A85A0502	RT32052	DATA WARE HOUSING AND MINING	19	36	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0502	RT32053	COMPUTER NETWORKS	21	39	3
16A85A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
16A85A0502	RT32055	WEB TECHNOLOGIES	25	27	3
16A85A0502	RT32056	IPR AND PATENTS	24	44	2
16A85A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
16A85A0502	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
16A85A0502	RT32059	WEB TECHNOLOGIES LAB	23	45	2
16A85A0503	RT32051	SOFTWARE ENGINEERING	26	40	3
16A85A0503	RT32052	DATA WARE HOUSING AND MINING	21	30	3
16A85A0503	RT32053	COMPUTER NETWORKS	26	46	3
16A85A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
16A85A0503	RT32055	WEB TECHNOLOGIES	26	37	3
16A85A0503	RT32056	IPR AND PATENTS	24	30	2
16A85A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
16A85A0503	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
16A85A0503	RT32059	WEB TECHNOLOGIES LAB	23	49	2
16A85A0504	RT32051	SOFTWARE ENGINEERING	22	65	3
16A85A0504	RT32052	DATA WARE HOUSING AND MINING	22	36	3
16A85A0504	RT32053	COMPUTER NETWORKS	18	26	3
16A85A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	32	3
16A85A0504	RT32055	WEB TECHNOLOGIES	23	42	3
16A85A0504	RT32056	IPR AND PATENTS	22	42	2
16A85A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
16A85A0504	RT32058	SOFTWARE ENGINEERING LAB	21	37	2
16A85A0504	RT32059	WEB TECHNOLOGIES LAB	20	40	2
16A85A0505	RT32051	SOFTWARE ENGINEERING	24	40	3
16A85A0505	RT32052	DATA WARE HOUSING AND MINING	19	27	3
16A85A0505	RT32053	COMPUTER NETWORKS	23	26	3
16A85A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	52	3
16A85A0505	RT32055	WEB TECHNOLOGIES	26	49	3
16A85A0505	RT32056	IPR AND PATENTS	26	43	2
16A85A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
16A85A0505	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
16A85A0505	RT32059	WEB TECHNOLOGIES LAB	20	49	2
16A85A0506	RT32051	SOFTWARE ENGINEERING	25	29	3
16A85A0506	RT32052	DATA WARE HOUSING AND MINING	16	41	3
16A85A0506	RT32053	COMPUTER NETWORKS	18	37	3
16A85A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	16	0
16A85A0506	RT32055	WEB TECHNOLOGIES	22	35	3
16A85A0506	RT32056	IPR AND PATENTS	22	39	2
16A85A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
16A85A0506	RT32058	SOFTWARE ENGINEERING LAB	21	38	2
16A85A0506	RT32059	WEB TECHNOLOGIES LAB	21	40	2
16A85A0507	RT32051	SOFTWARE ENGINEERING	23	30	3
16A85A0507	RT32052	DATA WARE HOUSING AND MINING	16	26	3
16A85A0507	RT32053	COMPUTER NETWORKS	18	47	3
16A85A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
16A85A0507	RT32055	WEB TECHNOLOGIES	22	36	3
16A85A0507	RT32056	IPR AND PATENTS	20	34	2
16A85A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	47	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0507	RT32058	SOFTWARE ENGINEERING LAB	22	39	2
16A85A0507	RT32059	WEB TECHNOLOGIES LAB	24	41	2
16A85A0508	RT32051	SOFTWARE ENGINEERING	25	51	3
16A85A0508	RT32052	DATA WARE HOUSING AND MINING	18	34	3
16A85A0508	RT32053	COMPUTER NETWORKS	23	28	3
16A85A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	39	3
16A85A0508	RT32055	WEB TECHNOLOGIES	29	43	3
16A85A0508	RT32056	IPR AND PATENTS	25	39	2
16A85A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
16A85A0508	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
16A85A0508	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