JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: ST.MARYS GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	Credits
10BJ1A0248	R32024	MICROPROCESSORS AND MICROCONTROLLER	5	-1	0
10BJ1A0248	R32025	POWER SEMICONDUCTOR DRIVES	7	-1	0
10BJ1A0306	R32033	HEAT TRANSFER	12	-1	0
10BJ1A0306	R32035	DESIGN OF MACHINE MEMBERS_II	14	-1	0
10BJ1A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	9	-1	0
10BJ1A0535	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	7	0
10BJ1A0570	R32026	MANAGEMENT SCIENCE	11	8	0
10BJ1A0570	R32051	ADVANCED COMPUTER NETWORKS	12	0	0
10BJ1A0570	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	7	0
12BJ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	16	-1	0
12BJ1A0412	R32045	VLSI DESIGN	20	23	0
12BJ1A0447	R32045	VLSI DESIGN	14	22	0
12BJ1A0459	R32043	DIGITAL SIGNAL PROCESSING	24	19	0
12BJ1A0490	R32045	VLSI DESIGN	14	-1	0
12BJ1A04A4	R32043	DIGITAL SIGNAL PROCESSING	18	8	0
12BJ1A04D5	R32043	DIGITAL SIGNAL PROCESSING	21	27	4
12BJ1A04E3	R32042	MICROWAVE ENGINEERING	15	-1	0
12BJ1A04E3	R32043	DIGITAL SIGNAL PROCESSING	14	21	0
12BJ1A0554	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	24	0
12BJ1A0594	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	13	0
12BJ1A0598	R32051	ADVANCED COMPUTER NETWORKS	14	-1	0
12BJ1A0598	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	-1	0
12BJ1A0598	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	-1	0
13BJ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	16	15	0
13BJ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	16	14	0
13BJ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	13	0
13BJ1A0127	RT32015	TRANSPORTATION ENGINEERING II	15	0	0
13BJ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	25	3
13BJ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	20	7	0
13BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	26	-1	0
13BJ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	10	12	0
13BJ1A0301	RT32035	HEAT TRANSFER	16	8	0
13BJ1A0305	RT32035	HEAT TRANSFER	21	43	3
13BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	24	-1	0
13BJ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	18	0
13BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	21	8	0
13BJ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	17	0
13BJ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	15	26	3
13BJ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	14	28	3
13BJ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	14	5	0
13BJ1A0337	RT32034	ROBOTICS	16	29	3
13BJ1A0337	RT32035	HEAT TRANSFER	22	16	0
13BJ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
13BJ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	15	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0355	RT32035	HEAT TRANSFER	8	32	3
13BJ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
13BJ1A0393	RT32035	HEAT TRANSFER	18	17	0
13BJ1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	7	0	0
13BJ1A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	10	0
13BJ1A03A7	RT32034	ROBOTICS	14	8	0
13BJ1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	10	20	0
13BJ1A03B6	RT32034	ROBOTICS	14	10	0
13BJ1A03B6	RT32035	HEAT TRANSFER	5	19	0
13BJ1A03B9	RT32031	OPERATIONS RESEARCH	8	0	0
13BJ1A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	10	4	0
13BJ1A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	13	5	0
13BJ1A03C5	RT32031	OPERATIONS RESEARCH	13	21	0
13BJ1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	-1	0
13BJ1A03C6	RT32035	HEAT TRANSFER	14	21	0
13BJ1A03D8	RT32031	OPERATIONS RESEARCH	13	14	0
13BJ1A03D8	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	14	0
13BJ1A03D8	RT32033	DESIGN OF MACHINE MEMBERS II	11	20	0
13BJ1A03D8	RT32034	ROBOTICS	15	26	3
13BJ1A03D8	RT32035	HEAT TRANSFER	20	0	0
13BJ1A03D8	RT32037A	REFRIGERATION & AIR CONDITIONING	14	7	0
13BJ1A03E4	RT32034	ROBOTICS	16	-1	0
13BJ1A03E6	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	7	0
13BJ1A03F0	RT32031	OPERATIONS RESEARCH	11	17	0
13BJ1A03F0	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	19	0
13BJ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	24	5	0
13BJ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	2	0
13BJ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	13	25	0
13BJ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	9	0
13BJ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	21	5	0
13BJ1A0457	RT32043	DIGITAL COMMUNICATIONS	21	12	0
13BJ1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	22	0
13BJ1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
13BJ1A0487	RT32042	DIGITAL SIGNAL PROCESSING	20	37	3
13BJ1A0487	RT32044	MICROWAVE ENGINEERING	16	3	0
13BJ1A04A8	RT32044	MICROWAVE ENGINEERING	19	45	3
13BJ1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	5	0
13BJ1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	24	31	3
13BJ1A04D5	RT32042	DIGITAL SIGNAL PROCESSING	0	-1	0
13BJ1A04D8	RT32042	DIGITAL SIGNAL PROCESSING	22	11	0
13BJ1A0533	RT32051	SOFTWARE ENGINEERING	18	31	3
13BJ1A0533	RT32055	WEB TECHNOLOGIES	16	-1	0
13BJ1A0555	RT32055	WEB TECHNOLOGIES	10	28	0
13BJ1A0559	RT32051	SOFTWARE ENGINEERING	17	6	0
13BJ1A0559	RT32052	DATA WARE HOUSING AND MINING	17	-1	0
13BJ1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	3	0
13BJ1A0559	RT32055	WEB TECHNOLOGIES	17	5	0
13BJ1A0581	RT32053	COMPUTER NETWORKS	19	5	0
13BJ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	-1	0
13BJ1A0588	RT32055	WEB TECHNOLOGIES	18	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0590	RT32053	COMPUTER NETWORKS	18	5	0
13BJ1A0590	RT32055	WEB TECHNOLOGIES	13	-1	0
13BJ1A0591	RT32051	SOFTWARE ENGINEERING	9	38	3
13BJ1A0591	RT32055	WEB TECHNOLOGIES	16	6	0
13BJ1A0595	RT32055	WEB TECHNOLOGIES	13	10	0
13BJ5A0203	R32021	ELECTRICAL MACHINE DESIGN	20	-1	0
13BJ5A0203	R32022	POWER SYSTEM ANALYSIS	23	-1	0
13BJ5A0203	R32023	UTILIZATION OF ELECTRICAL ENERGY	3	-1	0
13BJ5A0203	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	-1	0
13BJ5A0203	R32025	POWER SEMICONDUCTOR DRIVES	14	-1	0
13BJ5A0203	R32026	MANAGEMENT SCIENCE	22	-1	0
14BJ1A0106	RT32012	GEOTECHNICAL ENGINEERING II	20	33	3
14BJ1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	12	0
14BJ1A0106	RT32015	TRANSPORTATION ENGINEERING II	15	14	0
14BJ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	21	0
14BJ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	3	0
14BJ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	16	13	0
14BJ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	0	0
14BJ1A0109	RT32015	TRANSPORTATION ENGINEERING II	5	16	0
14BJ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	17	22	0
14BJ1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	51	3
14BJ1A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	10	0
14BJ1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	25	3
14BJ1A0122	RT32011	ENVIRONMENTAL ENGINEERING I	19	10	0
14BJ1A0122	RT32012	GEOTECHNICAL ENGINEERING II	18	17	0
14BJ1A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	7	0
14BJ1A0122	RT32015	TRANSPORTATION ENGINEERING II	21	13	0
14BJ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	21	27	3
14BJ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	19	7	0
14BJ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	31	3
14BJ1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	13	0
14BJ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	4	0
14BJ1A0140	RT32015	TRANSPORTATION ENGINEERING II	19	13	0
14BJ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	32	3
14BJ1A0142	RT32015	TRANSPORTATION ENGINEERING II	24	48	3
14BJ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	39	3
14BJ1A0156	RT32012	GEOTECHNICAL ENGINEERING II	21	2	0
14BJ1A0156	RT32015	TRANSPORTATION ENGINEERING II	25	33	3
14BJ1A0159	RT32011	ENVIRONMENTAL ENGINEERING I	23	20	0
14BJ1A0159	RT32012	GEOTECHNICAL ENGINEERING II	15	2	0
14BJ1A0159	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	19	0
14BJ1A0159	RT32014	WATER RESOURCES ENGINEERING I	16	10	0
14BJ1A0159	RT32015	TRANSPORTATION ENGINEERING II	21	18	0
14BJ1A0159	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	25	3
14BJ1A0159	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
14BJ1A0159	RT32018	TRANSPORTATION ENGINEERING LAB	16	49	2
14BJ1A0170	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
14BJ1A0170	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	5	0
14BJ1A0172	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	27	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0174	RT32012	GEOTECHNICAL ENGINEERING II	17	26	3
14BJ1A0176	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	46	3
14BJ1A0176	RT32015	TRANSPORTATION ENGINEERING II	23	46	3
14BJ1A0180	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	35	3
14BJ1A0183	RT32011	ENVIRONMENTAL ENGINEERING I	15	5	0
14BJ1A0183	RT32012	GEOTECHNICAL ENGINEERING II	17	8	0
14BJ1A0183	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	3	0
14BJ1A0183	RT32014	WATER RESOURCES ENGINEERING I	22	0	0
14BJ1A0183	RT32015	TRANSPORTATION ENGINEERING II	18	6	0
14BJ1A0183	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	17	0
14BJ1A0189	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	36	3
14BJ1A0189	RT32015	TRANSPORTATION ENGINEERING II	24	30	3
14BJ1A0197	RT32012	GEOTECHNICAL ENGINEERING II	17	13	0
14BJ1A0199	RT32012	GEOTECHNICAL ENGINEERING II	19	27	3
14BJ1A0199	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	9	0
14BJ1A0208	RT32024	POWER SYSTEM ANALYSIS	23	13	0
14BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	26	0	0
14BJ1A0226	RT32024	POWER SYSTEM ANALYSIS	19	6	0
14BJ1A0231	RT32024	POWER SYSTEM ANALYSIS	25	17	0
14BJ1A0232	RT32024	POWER SYSTEM ANALYSIS	19	9	0
14BJ1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	6	27	0
14BJ1A0233	RT32022	SWITCHGEAR AND PROTECTION	24	4	0
14BJ1A0233	RT32024	POWER SYSTEM ANALYSIS	18	12	0
14BJ1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	49	3
14BJ1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	14	0
14BJ1A0236	RT32022	SWITCHGEAR AND PROTECTION	21	5	0
14BJ1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	16	0
14BJ1A0239	RT32024	POWER SYSTEM ANALYSIS	28	7	0
14BJ1A0240	RT32022	SWITCHGEAR AND PROTECTION	23	11	0
14BJ1A0240	RT32024	POWER SYSTEM ANALYSIS	23	13	0
14BJ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	15	0
14BJ1A0303	RT32035	HEAT TRANSFER	15	11	0
14BJ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	17	17	0
14BJ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	4	0
14BJ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	13	3	0
14BJ1A0307	RT32035	HEAT TRANSFER	18	17	0
14BJ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
14BJ1A0308	RT32031	OPERATIONS RESEARCH	20	9	0
14BJ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
14BJ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	20	14	0
14BJ1A0308	RT32034	ROBOTICS	20	16	0
14BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	15	27	3
14BJ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	21	4	0
14BJ1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	6	0
14BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	10	31	3
14BJ1A0323	RT32031	OPERATIONS RESEARCH	19	15	0
14BJ1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	15	29	3
14BJ1A0323	RT32034	ROBOTICS	18	15	0
14BJ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	15	29	3
14BJ1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	16	29	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	13	-1	0
14BJ1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	20	0
14BJ1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	31	0
14BJ1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	0	0	0
14BJ1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	2	0
14BJ1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	12	3	0
14BJ1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14BJ1A0340	RT32034	ROBOTICS	24	33	3
14BJ1A0340	RT32035	HEAT TRANSFER	21	24	3
14BJ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	19	17	0
14BJ1A0342	RT32034	ROBOTICS	19	12	0
14BJ1A0342	RT32035	HEAT TRANSFER	11	32	3
14BJ1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14BJ1A0344	RT32034	ROBOTICS	26	24	3
14BJ1A0347	RT32035	HEAT TRANSFER	20	13	0
14BJ1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	27	3
14BJ1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	13	3	0
14BJ1A0354	RT32034	ROBOTICS	19	4	0
14BJ1A0354	RT32035	HEAT TRANSFER	20	0	0
14BJ1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
14BJ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	2	0
14BJ1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	19	5	0
14BJ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	18	0
14BJ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	16	-1	0
14BJ1A0366	RT32035	HEAT TRANSFER	21	13	0
14BJ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
14BJ1A0367	RT32034	ROBOTICS	20	47	3
14BJ1A0369	RT32031	OPERATIONS RESEARCH	9	31	3
14BJ1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	9	23	0
14BJ1A0369	RT32033	DESIGN OF MACHINE MEMBERS II	6	14	0
14BJ1A0369	RT32034	ROBOTICS	27	9	0
14BJ1A0369	RT32035	HEAT TRANSFER	14	23	0
14BJ1A0369	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	4	37	3
14BJ1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	8	18	0
14BJ1A0369	RT32038	HEAT TRANSFER LAB	18	39	2
14BJ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	12	0
14BJ1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	12	6	0
14BJ1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	20	36	3
14BJ1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	1	0
14BJ1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	11	27	0
14BJ1A0375	RT32035	HEAT TRANSFER	16	8	0
14BJ1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	18	3	0
14BJ1A0377	RT32035	HEAT TRANSFER	9	17	0
14BJ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	6	7	0
14BJ1A0378	RT32035	HEAT TRANSFER	12	44	3
14BJ1A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
14BJ1A0383	RT32033	DESIGN OF MACHINE MEMBERS II	19	19	0
14BJ1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	20	7	0
14BJ1A0386	RT32031	OPERATIONS RESEARCH	21	10	0
14BJ1A0386	RT32034	ROBOTICS	18	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0386	RT32035	HEAT TRANSFER	19	7	0
14BJ1A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	21	4	0
14BJ1A0391	RT32033	DESIGN OF MACHINE MEMBERS II	25	8	0
14BJ1A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
14BJ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	22	30	3
14BJ1A0393	RT32031	OPERATIONS RESEARCH	13	-1	0
14BJ1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	5	0
14BJ1A0393	RT32034	ROBOTICS	11	5	0
14BJ1A0393	RT32035	HEAT TRANSFER	6	8	0
14BJ1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	4	12	0
14BJ1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	18	0
14BJ1A03A1	RT32031	OPERATIONS RESEARCH	7	12	0
14BJ1A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	5	0
14BJ1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
14BJ1A03A3	RT32035	HEAT TRANSFER	21	20	0
14BJ1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
14BJ1A03A8	RT32035	HEAT TRANSFER	24	37	3
14BJ1A03A9	RT32037A	REFRIGERATION & AIR CONDITIONING	21	34	3
14BJ1A03B0	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	15	0
14BJ1A03B1	RT32033	DESIGN OF MACHINE MEMBERS II	9	14	0
14BJ1A03B1	RT32034	ROBOTICS	21	38	3
14BJ1A03B1	RT32035	HEAT TRANSFER	14	16	0
14BJ1A03B2	RT32035	HEAT TRANSFER	20	0	0
14BJ1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	16	8	0
14BJ1A03B6	RT32034	ROBOTICS	20	4	0
14BJ1A03B6	RT32035	HEAT TRANSFER	21	0	0
14BJ1A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	17	4	0
14BJ1A03B7	RT32034	ROBOTICS	5	25	0
14BJ1A03B7	RT32035	HEAT TRANSFER	25	-1	0
14BJ1A03B7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	-1	0
14BJ1A03B8	RT32033	DESIGN OF MACHINE MEMBERS II	11	0	0
14BJ1A03B8	RT32034	ROBOTICS	16	0	0
14BJ1A03B8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	-1	0
14BJ1A03B9	RT32031	OPERATIONS RESEARCH	16	9	0
14BJ1A03B9	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	10	0
14BJ1A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	13	8	0
14BJ1A03B9	RT32034	ROBOTICS	22	14	0
14BJ1A03B9	RT32035	HEAT TRANSFER	20	17	0
14BJ1A03B9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	6	0
14BJ1A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	11	9	0
14BJ1A03B9	RT32038	HEAT TRANSFER LAB	20	36	2
14BJ1A03C0	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	11	0
14BJ1A03C0	RT32033	DESIGN OF MACHINE MEMBERS II	16	16	0
14BJ1A03C0	RT32035	HEAT TRANSFER	19	13	0
14BJ1A03C0	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
14BJ1A03C5	RT32031	OPERATIONS RESEARCH	23	31	3
14BJ1A03C5	RT32034	ROBOTICS	21	29	3
14BJ1A03C5	RT32035	HEAT TRANSFER	20	8	0
14BJ1A03C5	RT32037A	REFRIGERATION & AIR CONDITIONING	18	9	0
14BJ1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	31	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03C6	RT32035	HEAT TRANSFER	19	34	3
14BJ1A03C9	RT32031	OPERATIONS RESEARCH	13	10	0
14BJ1A03C9	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	3	0
14BJ1A03C9	RT32033	DESIGN OF MACHINE MEMBERS II	22	9	0
14BJ1A03C9	RT32034	ROBOTICS	10	14	0
14BJ1A03C9	RT32035	HEAT TRANSFER	3	0	0
14BJ1A03C9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	20	0
14BJ1A03C9	RT32037A	REFRIGERATION & AIR CONDITIONING	8	4	0
14BJ1A03C9	RT32038	HEAT TRANSFER LAB	13	36	2
14BJ1A03D2	RT32034	ROBOTICS	17	26	3
14BJ1A03D2	RT32035	HEAT TRANSFER	20	14	0
14BJ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
14BJ1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	29	3
14BJ1A0405	RT32044	MICROWAVE ENGINEERING	24	24	3
14BJ1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	4	43	3
14BJ1A0410	RT32042	DIGITAL SIGNAL PROCESSING	5	38	3
14BJ1A0410	RT32043	DIGITAL COMMUNICATIONS	4	50	3
14BJ1A0410	RT32044	MICROWAVE ENGINEERING	5	12	0
14BJ1A0410	RT32045A	BIO MEDICAL ENGINEERING	5	9	0
14BJ1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	35	2
14BJ1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	14	39	2
14BJ1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	42	2
14BJ1A0410	RT32049	SEMINAR	-2	-2	0
14BJ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	-1	0
14BJ1A0413	RT32043	DIGITAL COMMUNICATIONS	15	-1	0
14BJ1A0413	RT32045A	BIO MEDICAL ENGINEERING	5	-1	0
14BJ1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	27	3
14BJ1A0417	RT32043	DIGITAL COMMUNICATIONS	19	16	0
14BJ1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	11	0
14BJ1A0419	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
14BJ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	41	3
14BJ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	9	0
14BJ1A0420	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
14BJ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	18	17	0
14BJ1A0430	RT32043	DIGITAL COMMUNICATIONS	26	0	0
14BJ1A0430	RT32044	MICROWAVE ENGINEERING	26	-1	0
14BJ1A0430	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
14BJ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	20	0
14BJ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	23	33	3
14BJ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	10	0
14BJ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	20	16	0
14BJ1A0433	RT32043	DIGITAL COMMUNICATIONS	19	35	3
14BJ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	6	0
14BJ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	21	6	0
14BJ1A0434	RT32043	DIGITAL COMMUNICATIONS	20	16	0
14BJ1A0434	RT32045A	BIO MEDICAL ENGINEERING	17	2	0
14BJ1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	3	0
14BJ1A0435	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
14BJ1A0435	RT32043	DIGITAL COMMUNICATIONS	21	19	0
14BJ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	10	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	0	0
14BJ1A0438	RT32042	DIGITAL SIGNAL PROCESSING	21	11	0
14BJ1A0438	RT32043	DIGITAL COMMUNICATIONS	23	4	0
14BJ1A0438	RT32044	MICROWAVE ENGINEERING	18	7	0
14BJ1A0438	RT32045A	BIO MEDICAL ENGINEERING	15	15	0
14BJ1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	5	0
14BJ1A0440	RT32042	DIGITAL SIGNAL PROCESSING	15	-1	0
14BJ1A0440	RT32043	DIGITAL COMMUNICATIONS	15	28	3
14BJ1A0440	RT32044	MICROWAVE ENGINEERING	18	5	0
14BJ1A0440	RT32045A	BIO MEDICAL ENGINEERING	15	-1	0
14BJ1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	-1	0
14BJ1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	14	-1	0
14BJ1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	-1	0
14BJ1A0440	RT32049	SEMINAR	-2	-2	0
14BJ1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	10	0
14BJ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	3	0
14BJ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
14BJ1A0443	RT32043	DIGITAL COMMUNICATIONS	23	2	0
14BJ1A0443	RT32044	MICROWAVE ENGINEERING	19	-1	0
14BJ1A0443	RT32045A	BIO MEDICAL ENGINEERING	18	-1	0
14BJ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	35	2
14BJ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	14	38	2
14BJ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
14BJ1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	1	0
14BJ1A0453	RT32043	DIGITAL COMMUNICATIONS	22	-1	0
14BJ1A0453	RT32045A	BIO MEDICAL ENGINEERING	18	-1	0
14BJ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	19	17	0
14BJ1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	30	3
14BJ1A0455	RT32042	DIGITAL SIGNAL PROCESSING	22	29	3
14BJ1A0455	RT32043	DIGITAL COMMUNICATIONS	22	14	0
14BJ1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	17	0
14BJ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	21	7	0
14BJ1A0456	RT32043	DIGITAL COMMUNICATIONS	26	19	0
14BJ1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	16	0
14BJ1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	40	3
14BJ1A0459	RT32042	DIGITAL SIGNAL PROCESSING	19	14	0
14BJ1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
14BJ1A0462	RT32044	MICROWAVE ENGINEERING	20	3	0
14BJ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
14BJ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	10	0
14BJ1A0465	RT32043	DIGITAL COMMUNICATIONS	27	32	3
14BJ1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	39	3
14BJ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	14	0
14BJ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	20	28	3
14BJ1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	28	3
14BJ1A0483	RT32043	DIGITAL COMMUNICATIONS	26	10	0
14BJ1A0483	RT32044	MICROWAVE ENGINEERING	20	48	3
14BJ1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	3	0
14BJ1A0488	RT32042	DIGITAL SIGNAL PROCESSING	20	6	0
14BJ1A0488	RT32043	DIGITAL COMMUNICATIONS	22	10	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0488	RT32044	MICROWAVE ENGINEERING	17	22	0
14BJ1A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	42	3
14BJ1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	33	3
14BJ1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	20	0
14BJ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	25	21	0
14BJ1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	26	9	0
14BJ1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	9	0
14BJ1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	19	-1	0
14BJ1A04A6	RT32043	DIGITAL COMMUNICATIONS	27	39	3
14BJ1A04A6	RT32044	MICROWAVE ENGINEERING	23	9	0
14BJ1A04A6	RT32045A	BIO MEDICAL ENGINEERING	20	-1	0
14BJ1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	45	3
14BJ1A04A7	RT32044	MICROWAVE ENGINEERING	23	7	0
14BJ1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	30	3
14BJ1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	5	0
14BJ1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	16	11	0
14BJ1A04A9	RT32043	DIGITAL COMMUNICATIONS	16	19	0
14BJ1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	6	0
14BJ1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	20	26	3
14BJ1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	14	0
14BJ1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	40	3
14BJ1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	23	9	0
14BJ1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	17	-1	0
14BJ1A04B8	RT32043	DIGITAL COMMUNICATIONS	19	5	0
14BJ1A04B8	RT32044	MICROWAVE ENGINEERING	18	22	0
14BJ1A04B8	RT32045A	BIO MEDICAL ENGINEERING	8	20	0
14BJ1A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	31	3
14BJ1A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	34	3
14BJ1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	47	3
14BJ1A04D3	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
14BJ1A0501	RT32052	DATA WARE HOUSING AND MINING	24	25	3
14BJ1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	19	0
14BJ1A0501	RT32055	WEB TECHNOLOGIES	21	20	0
14BJ1A0506	RT32051	SOFTWARE ENGINEERING	24	34	3
14BJ1A0506	RT32052	DATA WARE HOUSING AND MINING	23	24	3
14BJ1A0507	RT32052	DATA WARE HOUSING AND MINING	26	17	0
14BJ1A0507	RT32055	WEB TECHNOLOGIES	23	13	0
14BJ1A0508	RT32055	WEB TECHNOLOGIES	23	29	3
14BJ1A0509	RT32055	WEB TECHNOLOGIES	21	5	0
14BJ1A0511	RT32051	SOFTWARE ENGINEERING	19	40	3
14BJ1A0511	RT32055	WEB TECHNOLOGIES	22	45	3
14BJ1A0518	RT32051	SOFTWARE ENGINEERING	18	2	0
14BJ1A0518	RT32052	DATA WARE HOUSING AND MINING	16	17	0
14BJ1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	4	0
14BJ1A0518	RT32055	WEB TECHNOLOGIES	15	2	0
14BJ1A0519	RT32055	WEB TECHNOLOGIES	25	28	3
14BJ1A0522	RT32052	DATA WARE HOUSING AND MINING	20	17	0
14BJ1A0523	RT32052	DATA WARE HOUSING AND MINING	13	26	0
14BJ1A0523	RT32056	IPR AND PATENTS	20	16	0
14BJ1A0524	RT32051	SOFTWARE ENGINEERING	10	15	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0524	RT32053	COMPUTER NETWORKS	23	24	3
14BJ1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	5	0
14BJ1A0524	RT32055	WEB TECHNOLOGIES	20	5	0
14BJ1A0524	RT32056	IPR AND PATENTS	18	36	2
14BJ1A0526	RT32051	SOFTWARE ENGINEERING	19	1	0
14BJ1A0526	RT32052	DATA WARE HOUSING AND MINING	19	3	0
14BJ1A0526	RT32053	COMPUTER NETWORKS	19	-1	0
14BJ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	-1	0
14BJ1A0526	RT32055	WEB TECHNOLOGIES	13	0	0
14BJ1A0526	RT32056	IPR AND PATENTS	15	-1	0
14BJ1A0529	RT32051	SOFTWARE ENGINEERING	19	9	0
14BJ1A0529	RT32053	COMPUTER NETWORKS	21	0	0
14BJ1A0529	RT32056	IPR AND PATENTS	23	15	0
14BJ1A0530	RT32051	SOFTWARE ENGINEERING	22	15	0
14BJ1A0530	RT32055	WEB TECHNOLOGIES	15	32	3
14BJ1A0535	RT32051	SOFTWARE ENGINEERING	19	32	3
14BJ1A0535	RT32055	WEB TECHNOLOGIES	20	32	3
14BJ1A0544	RT32051	SOFTWARE ENGINEERING	20	25	3
14BJ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	7	0
14BJ1A0544	RT32055	WEB TECHNOLOGIES	22	8	0
14BJ1A0548	RT32051	SOFTWARE ENGINEERING	19	35	3
14BJ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	48	3
14BJ1A0548	RT32055	WEB TECHNOLOGIES	17	31	3
14BJ1A0550	RT32051	SOFTWARE ENGINEERING	18	0	0
14BJ1A0550	RT32055	WEB TECHNOLOGIES	21	26	3
14BJ1A0551	RT32052	DATA WARE HOUSING AND MINING	19	0	0
14BJ1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
14BJ1A0552	RT32052	DATA WARE HOUSING AND MINING	15	-1	0
14BJ1A0552	RT32053	COMPUTER NETWORKS	18	2	0
14BJ1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	14	0
14BJ1A0552	RT32055	WEB TECHNOLOGIES	9	28	0
14BJ1A0552	RT32056	IPR AND PATENTS	21	20	0
14BJ1A0554	RT32051	SOFTWARE ENGINEERING	20	24	3
14BJ1A0554	RT32053	COMPUTER NETWORKS	24	26	3
14BJ1A0554	RT32055	WEB TECHNOLOGIES	16	11	0
14BJ1A0554	RT32056	IPR AND PATENTS	22	31	2
14BJ1A0561	RT32055	WEB TECHNOLOGIES	19	22	0
14BJ1A0569	RT32053	COMPUTER NETWORKS	24	8	0
14BJ1A0569	RT32055	WEB TECHNOLOGIES	25	45	3
14BJ1A0569	RT32056	IPR AND PATENTS	18	34	2
14BJ1A0573	RT32055	WEB TECHNOLOGIES	22	46	3
14BJ1A0575	RT32055	WEB TECHNOLOGIES	25	26	3
14BJ1A0578	RT32052	DATA WARE HOUSING AND MINING	20	-1	0
14BJ1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	-1	0
14BJ1A0578	RT32055	WEB TECHNOLOGIES	4	-1	0
14BJ1A0582	RT32051	SOFTWARE ENGINEERING	27	38	3
14BJ1A0583	RT32051	SOFTWARE ENGINEERING	22	31	3
14BJ1A0588	RT32055	WEB TECHNOLOGIES	21	28	3
14BJ1A0591	RT32051	SOFTWARE ENGINEERING	21	8	0
14BJ1A0595	RT32051	SOFTWARE ENGINEERING	25	37	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0596	RT32055	WEB TECHNOLOGIES	22	36	3
14BJ1A0599	RT32051	SOFTWARE ENGINEERING	20	34	3
14BJ1A05A3	RT32051	SOFTWARE ENGINEERING	15	6	0
14BJ1A05A3	RT32052	DATA WARE HOUSING AND MINING	19	13	0
14BJ1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	1	0
14BJ1A05A3	RT32055	WEB TECHNOLOGIES	19	1	0
14BJ1A05A3	RT32056	IPR AND PATENTS	22	-1	0
14BJ1A05A6	RT32051	SOFTWARE ENGINEERING	13	-1	0
14BJ1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	5	0
14BJ1A05A6	RT32055	WEB TECHNOLOGIES	15	16	0
14BJ1A05A8	RT32051	SOFTWARE ENGINEERING	23	22	0
14BJ1A05A9	RT32051	SOFTWARE ENGINEERING	14	32	3
14BJ1A05B0	RT32055	WEB TECHNOLOGIES	21	28	3
14BJ1A05B1	RT32052	DATA WARE HOUSING AND MINING	20	13	0
14BJ1A05B3	RT32051	SOFTWARE ENGINEERING	25	32	3
14BJ1A05B5	RT32052	DATA WARE HOUSING AND MINING	22	12	0
14BJ1A05B5	RT32053	COMPUTER NETWORKS	18	8	0
14BJ1A05B5	RT32055	WEB TECHNOLOGIES	23	28	3
14BJ1A05B9	RT32055	WEB TECHNOLOGIES	19	24	3
14BJ1A05C0	RT32051	SOFTWARE ENGINEERING	22	0	0
14BJ1A05C1	RT32051	SOFTWARE ENGINEERING	17	40	3
14BJ1A05C1	RT32055	WEB TECHNOLOGIES	25	38	3
14BJ5A0322	RT32031	OPERATIONS RESEARCH	13	16	0
14BJ5A0322	RT32035	HEAT TRANSFER	18	13	0
14BJ5A0325	RT32035	HEAT TRANSFER	26	21	0
14BJ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
14BJ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	22	47	3
14BJ5A0413	RT32043	DIGITAL COMMUNICATIONS	23	12	0
14BJ5A0413	RT32044	MICROWAVE ENGINEERING	19	26	3
14BJ5A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
14BJ5A0429	RT32044	MICROWAVE ENGINEERING	21	16	0
15BJ1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	23	32	3
15BJ1A0101	RT32012	GEOTECHNICAL ENGINEERING II	21	31	3
15BJ1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	12	0
15BJ1A0101	RT32014	WATER RESOURCES ENGINEERING I	22	11	0
15BJ1A0101	RT32015	TRANSPORTATION ENGINEERING II	28	24	3
15BJ1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	25	3
15BJ1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BJ1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	26	66	3
15BJ1A0102	RT32012	GEOTECHNICAL ENGINEERING II	27	70	3
15BJ1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	38	3
15BJ1A0102	RT32014	WATER RESOURCES ENGINEERING I	26	63	3
15BJ1A0102	RT32015	TRANSPORTATION ENGINEERING II	26	51	3
15BJ1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	42	3
15BJ1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	69	2
15BJ1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BJ1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	23	24	3
15BJ1A0103	RT32012	GEOTECHNICAL ENGINEERING II	23	35	3
15BJ1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	6	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0103	RT32014	WATER RESOURCES ENGINEERING I	24	51	3
15BJ1A0103	RT32015	TRANSPORTATION ENGINEERING II	23	24	3
15BJ1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	39	3
15BJ1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
15BJ1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15BJ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	26	55	3
15BJ1A0104	RT32012	GEOTECHNICAL ENGINEERING II	26	51	3
15BJ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	61	3
15BJ1A0104	RT32014	WATER RESOURCES ENGINEERING I	28	60	3
15BJ1A0104	RT32015	TRANSPORTATION ENGINEERING II	26	53	3
15BJ1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	47	3
15BJ1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	69	2
15BJ1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
15BJ1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	23	18	0
15BJ1A0105	RT32012	GEOTECHNICAL ENGINEERING II	23	26	3
15BJ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	19	0
15BJ1A0105	RT32014	WATER RESOURCES ENGINEERING I	22	10	0
15BJ1A0105	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15BJ1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	21	0
15BJ1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
15BJ1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	17	33	3
15BJ1A0108	RT32012	GEOTECHNICAL ENGINEERING II	15	0	0
15BJ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	3	0
15BJ1A0108	RT32014	WATER RESOURCES ENGINEERING I	22	26	3
15BJ1A0108	RT32015	TRANSPORTATION ENGINEERING II	19	52	3
15BJ1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	24	3
15BJ1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
15BJ1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	24	24	3
15BJ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	23	14	0
15BJ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	26	3
15BJ1A0109	RT32014	WATER RESOURCES ENGINEERING I	21	16	0
15BJ1A0109	RT32015	TRANSPORTATION ENGINEERING II	21	24	3
15BJ1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	24	3
15BJ1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BJ1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	16	28	3
15BJ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	22	16	0
15BJ1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	30	3
15BJ1A0110	RT32014	WATER RESOURCES ENGINEERING I	19	15	0
15BJ1A0110	RT32015	TRANSPORTATION ENGINEERING II	27	36	3
15BJ1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	3	0
15BJ1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15BJ1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
15BJ1A0111	RT32012	GEOTECHNICAL ENGINEERING II	2	-1	0
15BJ1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	-1	0
15BJ1A0111	RT32014	WATER RESOURCES ENGINEERING I	5	-1	0
15BJ1A0111	RT32015	TRANSPORTATION ENGINEERING II	6	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
15BJ1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	10	-1	0
15BJ1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
15BJ1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	26	28	3
15BJ1A0112	RT32012	GEOTECHNICAL ENGINEERING II	25	30	3
15BJ1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	42	3
15BJ1A0112	RT32014	WATER RESOURCES ENGINEERING I	22	51	3
15BJ1A0112	RT32015	TRANSPORTATION ENGINEERING II	27	57	3
15BJ1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	43	3
15BJ1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	69	2
15BJ1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
15BJ1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	25	19	0
15BJ1A0113	RT32012	GEOTECHNICAL ENGINEERING II	20	9	0
15BJ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	25	3
15BJ1A0113	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15BJ1A0113	RT32015	TRANSPORTATION ENGINEERING II	20	25	3
15BJ1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	24	3
15BJ1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
15BJ1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	20	41	2
15BJ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	25	55	3
15BJ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
15BJ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	48	3
15BJ1A0114	RT32014	WATER RESOURCES ENGINEERING I	22	44	3
15BJ1A0114	RT32015	TRANSPORTATION ENGINEERING II	25	37	3
15BJ1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	27	3
15BJ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	67	2
15BJ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15BJ1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	16	33	3
15BJ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	20	46	3
15BJ1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	28	3
15BJ1A0116	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15BJ1A0116	RT32015	TRANSPORTATION ENGINEERING II	18	32	3
15BJ1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	33	3
15BJ1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BJ1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	25	11	0
15BJ1A0117	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
15BJ1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	9	0
15BJ1A0117	RT32014	WATER RESOURCES ENGINEERING I	20	36	3
15BJ1A0117	RT32015	TRANSPORTATION ENGINEERING II	23	11	0
15BJ1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	24	3
15BJ1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
15BJ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	25	25	3
15BJ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	21	16	0
15BJ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	25	3
15BJ1A0118	RT32014	WATER RESOURCES ENGINEERING I	20	50	3
15BJ1A0118	RT32015	TRANSPORTATION ENGINEERING II	23	35	3
15BJ1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	25	3
15BJ1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BJ1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	23	14	0
15BJ1A0119	RT32012	GEOTECHNICAL ENGINEERING II	21	16	0
15BJ1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	38	3
15BJ1A0119	RT32014	WATER RESOURCES ENGINEERING I	27	26	3
15BJ1A0119	RT32015	TRANSPORTATION ENGINEERING II	26	40	3
15BJ1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	32	3
15BJ1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	19	41	2
15BJ1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	24	27	3
15BJ1A0120	RT32012	GEOTECHNICAL ENGINEERING II	17	25	3
15BJ1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	10	0
15BJ1A0120	RT32014	WATER RESOURCES ENGINEERING I	16	0	0
15BJ1A0120	RT32015	TRANSPORTATION ENGINEERING II	17	24	3
15BJ1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	0	0
15BJ1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BJ1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
15BJ1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	22	16	0
15BJ1A0124	RT32012	GEOTECHNICAL ENGINEERING II	17	6	0
15BJ1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	5	0
15BJ1A0124	RT32014	WATER RESOURCES ENGINEERING I	17	0	0
15BJ1A0124	RT32015	TRANSPORTATION ENGINEERING II	19	4	0
15BJ1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	6	0
15BJ1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	20	41	2
15BJ1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	16	34	3
15BJ1A0125	RT32012	GEOTECHNICAL ENGINEERING II	18	7	0
15BJ1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	32	3
15BJ1A0125	RT32014	WATER RESOURCES ENGINEERING I	27	41	3
15BJ1A0125	RT32015	TRANSPORTATION ENGINEERING II	19	39	3
15BJ1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	39	3
15BJ1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15BJ1A0126	RT32011	ENVIRONMENTAL ENGINEERING I	27	44	3
15BJ1A0126	RT32012	GEOTECHNICAL ENGINEERING II	23	41	3
15BJ1A0126	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	39	3
15BJ1A0126	RT32014	WATER RESOURCES ENGINEERING I	26	61	3
15BJ1A0126	RT32015	TRANSPORTATION ENGINEERING II	26	48	3
15BJ1A0126	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	43	3
15BJ1A0126	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BJ1A0126	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
15BJ1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	26	33	3
15BJ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	21	35	3
15BJ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	30	3
15BJ1A0127	RT32014	WATER RESOURCES ENGINEERING I	20	39	3
15BJ1A0127	RT32015	TRANSPORTATION ENGINEERING II	26	48	3
15BJ1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	30	3
15BJ1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
15BJ1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	26	18	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0128	RT32012	GEOTECHNICAL ENGINEERING II	24	30	3
15BJ1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	60	3
15BJ1A0128	RT32014	WATER RESOURCES ENGINEERING I	22	55	3
15BJ1A0128	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
15BJ1A0128	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	25	3
15BJ1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BJ1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	25	25	3
15BJ1A0130	RT32012	GEOTECHNICAL ENGINEERING II	23	10	0
15BJ1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	25	3
15BJ1A0130	RT32014	WATER RESOURCES ENGINEERING I	18	20	0
15BJ1A0130	RT32015	TRANSPORTATION ENGINEERING II	22	24	3
15BJ1A0130	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	29	3
15BJ1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BJ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	25	-1	0
15BJ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	17	26	3
15BJ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	35	3
15BJ1A0131	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15BJ1A0131	RT32015	TRANSPORTATION ENGINEERING II	22	30	3
15BJ1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	25	3
15BJ1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
15BJ1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
15BJ1A0132	RT32012	GEOTECHNICAL ENGINEERING II	19	27	3
15BJ1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	30	3
15BJ1A0132	RT32014	WATER RESOURCES ENGINEERING I	19	0	0
15BJ1A0132	RT32015	TRANSPORTATION ENGINEERING II	20	15	0
15BJ1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	8	0
15BJ1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15BJ1A0133	RT32011	ENVIRONMENTAL ENGINEERING I	21	9	0
15BJ1A0133	RT32012	GEOTECHNICAL ENGINEERING II	24	5	0
15BJ1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	12	0
15BJ1A0133	RT32014	WATER RESOURCES ENGINEERING I	12	3	0
15BJ1A0133	RT32015	TRANSPORTATION ENGINEERING II	20	12	0
15BJ1A0133	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	30	3
15BJ1A0133	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0133	RT32018	TRANSPORTATION ENGINEERING LAB	18	43	2
15BJ1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	26	34	3
15BJ1A0134	RT32012	GEOTECHNICAL ENGINEERING II	24	29	3
15BJ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	48	3
15BJ1A0134	RT32014	WATER RESOURCES ENGINEERING I	22	66	3
15BJ1A0134	RT32015	TRANSPORTATION ENGINEERING II	25	32	3
15BJ1A0134	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	34	3
15BJ1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
15BJ1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
15BJ1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
15BJ1A0136	RT32012	GEOTECHNICAL ENGINEERING II	3	-1	0
15BJ1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0136	RT32014	WATER RESOURCES ENGINEERING I	4	-1	0
15BJ1A0136	RT32015	TRANSPORTATION ENGINEERING II	4	-1	0
15BJ1A0136	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	-1	0
15BJ1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	10	-1	0
15BJ1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
15BJ1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	24	46	3
15BJ1A0138	RT32012	GEOTECHNICAL ENGINEERING II	27	48	3
15BJ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	36	3
15BJ1A0138	RT32014	WATER RESOURCES ENGINEERING I	22	24	3
15BJ1A0138	RT32015	TRANSPORTATION ENGINEERING II	26	42	3
15BJ1A0138	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	41	3
15BJ1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
15BJ1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	21	49	2
15BJ1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	28	32	3
15BJ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	24	0	0
15BJ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
15BJ1A0140	RT32014	WATER RESOURCES ENGINEERING I	23	30	3
15BJ1A0140	RT32015	TRANSPORTATION ENGINEERING II	24	42	3
15BJ1A0140	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	32	3
15BJ1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BJ1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	25	24	3
15BJ1A0141	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
15BJ1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	39	3
15BJ1A0141	RT32014	WATER RESOURCES ENGINEERING I	21	28	3
15BJ1A0141	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15BJ1A0141	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	24	3
15BJ1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
15BJ1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	25	43	3
15BJ1A0142	RT32012	GEOTECHNICAL ENGINEERING II	25	35	3
15BJ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	45	3
15BJ1A0142	RT32014	WATER RESOURCES ENGINEERING I	26	62	3
15BJ1A0142	RT32015	TRANSPORTATION ENGINEERING II	24	66	3
15BJ1A0142	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	50	3
15BJ1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
15BJ1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	26	41	3
15BJ1A0143	RT32012	GEOTECHNICAL ENGINEERING II	22	62	3
15BJ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	42	3
15BJ1A0143	RT32014	WATER RESOURCES ENGINEERING I	25	47	3
15BJ1A0143	RT32015	TRANSPORTATION ENGINEERING II	26	41	3
15BJ1A0143	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	46	3
15BJ1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	69	2
15BJ1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	21	49	2
15BJ1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	18	11	0
15BJ1A0145	RT32012	GEOTECHNICAL ENGINEERING II	23	0	0
15BJ1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	49	3
15BJ1A0145	RT32014	WATER RESOURCES ENGINEERING I	18	38	3
15BJ1A0145	RT32015	TRANSPORTATION ENGINEERING II	18	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0145	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	29	3
15BJ1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
15BJ1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	21	35	3
15BJ1A0148	RT32012	GEOTECHNICAL ENGINEERING II	21	29	3
15BJ1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	48	3
15BJ1A0148	RT32014	WATER RESOURCES ENGINEERING I	22	46	3
15BJ1A0148	RT32015	TRANSPORTATION ENGINEERING II	27	26	3
15BJ1A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	30	3
15BJ1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
15BJ1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BJ1A0149	RT32011	ENVIRONMENTAL ENGINEERING I	26	29	3
15BJ1A0149	RT32012	GEOTECHNICAL ENGINEERING II	24	24	3
15BJ1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	43	3
15BJ1A0149	RT32014	WATER RESOURCES ENGINEERING I	20	29	3
15BJ1A0149	RT32015	TRANSPORTATION ENGINEERING II	21	42	3
15BJ1A0149	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	24	3
15BJ1A0149	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
15BJ1A0149	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
15BJ1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	25	32	3
15BJ1A0150	RT32012	GEOTECHNICAL ENGINEERING II	24	28	3
15BJ1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	37	3
15BJ1A0150	RT32014	WATER RESOURCES ENGINEERING I	23	7	0
15BJ1A0150	RT32015	TRANSPORTATION ENGINEERING II	21	24	3
15BJ1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	24	3
15BJ1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	18	44	2
15BJ1A0151	RT32011	ENVIRONMENTAL ENGINEERING I	25	14	0
15BJ1A0151	RT32012	GEOTECHNICAL ENGINEERING II	20	0	0
15BJ1A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	0	0
15BJ1A0151	RT32014	WATER RESOURCES ENGINEERING I	11	38	3
15BJ1A0151	RT32015	TRANSPORTATION ENGINEERING II	13	37	3
15BJ1A0151	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	25	3
15BJ1A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BJ1A0151	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15BJ1A0152	RT32011	ENVIRONMENTAL ENGINEERING I	24	28	3
15BJ1A0152	RT32012	GEOTECHNICAL ENGINEERING II	23	29	3
15BJ1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	44	3
15BJ1A0152	RT32014	WATER RESOURCES ENGINEERING I	21	36	3
15BJ1A0152	RT32015	TRANSPORTATION ENGINEERING II	21	35	3
15BJ1A0152	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	36	3
15BJ1A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0152	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15BJ1A0153	RT32011	ENVIRONMENTAL ENGINEERING I	21	37	3
15BJ1A0153	RT32012	GEOTECHNICAL ENGINEERING II	24	38	3
15BJ1A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	48	3
15BJ1A0153	RT32014	WATER RESOURCES ENGINEERING I	26	33	3
15BJ1A0153	RT32015	TRANSPORTATION ENGINEERING II	21	53	3
15BJ1A0153	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	38	3
15BJ1A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0153	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
15BJ1A0154	RT32011	ENVIRONMENTAL ENGINEERING I	23	38	3
15BJ1A0154	RT32012	GEOTECHNICAL ENGINEERING II	22	29	3
15BJ1A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
15BJ1A0154	RT32014	WATER RESOURCES ENGINEERING I	20	24	3
15BJ1A0154	RT32015	TRANSPORTATION ENGINEERING II	21	31	3
15BJ1A0154	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	26	3
15BJ1A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	68	2
15BJ1A0154	RT32018	TRANSPORTATION ENGINEERING LAB	20	48	2
15BJ1A0155	RT32011	ENVIRONMENTAL ENGINEERING I	27	13	0
15BJ1A0155	RT32012	GEOTECHNICAL ENGINEERING II	18	0	0
15BJ1A0155	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	9	0
15BJ1A0155	RT32014	WATER RESOURCES ENGINEERING I	17	5	0
15BJ1A0155	RT32015	TRANSPORTATION ENGINEERING II	20	15	0
15BJ1A0155	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	29	3
15BJ1A0155	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0155	RT32018	TRANSPORTATION ENGINEERING LAB	19	47	2
15BJ1A0157	RT32011	ENVIRONMENTAL ENGINEERING I	26	25	3
15BJ1A0157	RT32012	GEOTECHNICAL ENGINEERING II	21	25	3
15BJ1A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	24	3
15BJ1A0157	RT32014	WATER RESOURCES ENGINEERING I	23	24	3
15BJ1A0157	RT32015	TRANSPORTATION ENGINEERING II	19	35	3
15BJ1A0157	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	30	3
15BJ1A0157	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
15BJ1A0157	RT32018	TRANSPORTATION ENGINEERING LAB	18	45	2
15BJ1A0158	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
15BJ1A0158	RT32012	GEOTECHNICAL ENGINEERING II	3	9	0
15BJ1A0158	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	13	3	0
15BJ1A0158	RT32014	WATER RESOURCES ENGINEERING I	5	24	0
15BJ1A0158	RT32015	TRANSPORTATION ENGINEERING II	4	15	0
15BJ1A0158	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	25	0
15BJ1A0158	RT32017	COMPUTER AIDED ENGINEERING DRAWING	10	-1	0
15BJ1A0158	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
15BJ1A0159	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
15BJ1A0159	RT32012	GEOTECHNICAL ENGINEERING II	23	33	3
15BJ1A0159	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	10	0
15BJ1A0159	RT32014	WATER RESOURCES ENGINEERING I	18	10	0
15BJ1A0159	RT32015	TRANSPORTATION ENGINEERING II	21	26	3
15BJ1A0159	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	8	0
15BJ1A0159	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
15BJ1A0159	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
15BJ1A0160	RT32011	ENVIRONMENTAL ENGINEERING I	26	35	3
15BJ1A0160	RT32012	GEOTECHNICAL ENGINEERING II	25	16	0
15BJ1A0160	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	70	3
15BJ1A0160	RT32014	WATER RESOURCES ENGINEERING I	24	45	3
15BJ1A0160	RT32015	TRANSPORTATION ENGINEERING II	27	52	3
15BJ1A0160	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	52	3
15BJ1A0160	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0160	RT32018	TRANSPORTATION ENGINEERING LAB	21	48	2
15BJ1A0161	RT32011	ENVIRONMENTAL ENGINEERING I	25	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0161	RT32012	GEOTECHNICAL ENGINEERING II	24	25	3
15BJ1A0161	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	44	3
15BJ1A0161	RT32014	WATER RESOURCES ENGINEERING I	24	43	3
15BJ1A0161	RT32015	TRANSPORTATION ENGINEERING II	28	53	3
15BJ1A0161	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	51	3
15BJ1A0161	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
15BJ1A0161	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
15BJ1A0162	RT32011	ENVIRONMENTAL ENGINEERING I	20	37	3
15BJ1A0162	RT32012	GEOTECHNICAL ENGINEERING II	21	17	0
15BJ1A0162	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	29	3
15BJ1A0162	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
15BJ1A0162	RT32015	TRANSPORTATION ENGINEERING II	29	24	3
15BJ1A0162	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	35	3
15BJ1A0162	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0162	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
15BJ1A0163	RT32011	ENVIRONMENTAL ENGINEERING I	26	35	3
15BJ1A0163	RT32012	GEOTECHNICAL ENGINEERING II	26	55	3
15BJ1A0163	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	53	3
15BJ1A0163	RT32014	WATER RESOURCES ENGINEERING I	25	37	3
15BJ1A0163	RT32015	TRANSPORTATION ENGINEERING II	22	47	3
15BJ1A0163	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	41	3
15BJ1A0163	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	69	2
15BJ1A0163	RT32018	TRANSPORTATION ENGINEERING LAB	25	50	2
15BJ1A0164	RT32011	ENVIRONMENTAL ENGINEERING I	20	33	3
15BJ1A0164	RT32012	GEOTECHNICAL ENGINEERING II	24	17	0
15BJ1A0164	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	61	3
15BJ1A0164	RT32014	WATER RESOURCES ENGINEERING I	24	48	3
15BJ1A0164	RT32015	TRANSPORTATION ENGINEERING II	27	43	3
15BJ1A0164	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	25	3
15BJ1A0164	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0164	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
15BJ1A0166	RT32011	ENVIRONMENTAL ENGINEERING I	20	24	3
15BJ1A0166	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
15BJ1A0166	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	43	3
15BJ1A0166	RT32014	WATER RESOURCES ENGINEERING I	26	44	3
15BJ1A0166	RT32015	TRANSPORTATION ENGINEERING II	27	35	3
15BJ1A0166	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	31	3
15BJ1A0166	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0166	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
15BJ1A0167	RT32011	ENVIRONMENTAL ENGINEERING I	24	46	3
15BJ1A0167	RT32012	GEOTECHNICAL ENGINEERING II	23	33	3
15BJ1A0167	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	59	3
15BJ1A0167	RT32014	WATER RESOURCES ENGINEERING I	28	41	3
15BJ1A0167	RT32015	TRANSPORTATION ENGINEERING II	27	49	3
15BJ1A0167	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	48	3
15BJ1A0167	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
15BJ1A0167	RT32018	TRANSPORTATION ENGINEERING LAB	25	50	2
15BJ1A0172	RT32011	ENVIRONMENTAL ENGINEERING I	23	39	3
15BJ1A0172	RT32012	GEOTECHNICAL ENGINEERING II	21	46	3
15BJ1A0172	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0172	RT32014	WATER RESOURCES ENGINEERING I	22	36	3
15BJ1A0172	RT32015	TRANSPORTATION ENGINEERING II	26	43	3
15BJ1A0172	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	39	3
15BJ1A0172	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
15BJ1A0172	RT32018	TRANSPORTATION ENGINEERING LAB	22	49	2
15BJ1A0173	RT32011	ENVIRONMENTAL ENGINEERING I	21	24	3
15BJ1A0173	RT32012	GEOTECHNICAL ENGINEERING II	17	8	0
15BJ1A0173	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	-1	0
15BJ1A0173	RT32014	WATER RESOURCES ENGINEERING I	15	25	3
15BJ1A0173	RT32015	TRANSPORTATION ENGINEERING II	25	37	3
15BJ1A0173	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	24	3
15BJ1A0173	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
15BJ1A0173	RT32018	TRANSPORTATION ENGINEERING LAB	17	43	2
15BJ1A0174	RT32011	ENVIRONMENTAL ENGINEERING I	16	25	3
15BJ1A0174	RT32012	GEOTECHNICAL ENGINEERING II	13	10	0
15BJ1A0174	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	0	0
15BJ1A0174	RT32014	WATER RESOURCES ENGINEERING I	24	5	0
15BJ1A0174	RT32015	TRANSPORTATION ENGINEERING II	22	16	0
15BJ1A0174	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	30	3
15BJ1A0174	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	60	2
15BJ1A0174	RT32018	TRANSPORTATION ENGINEERING LAB	19	44	2
15BJ1A0175	RT32011	ENVIRONMENTAL ENGINEERING I	15	18	0
15BJ1A0175	RT32012	GEOTECHNICAL ENGINEERING II	20	0	0
15BJ1A0175	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	28	3
15BJ1A0175	RT32014	WATER RESOURCES ENGINEERING I	20	0	0
15BJ1A0175	RT32015	TRANSPORTATION ENGINEERING II	17	0	0
15BJ1A0175	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	13	5	0
15BJ1A0175	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0175	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BJ1A0176	RT32011	ENVIRONMENTAL ENGINEERING I	23	19	0
15BJ1A0176	RT32012	GEOTECHNICAL ENGINEERING II	21	36	3
15BJ1A0176	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	24	3
15BJ1A0176	RT32014	WATER RESOURCES ENGINEERING I	18	4	0
15BJ1A0176	RT32015	TRANSPORTATION ENGINEERING II	25	33	3
15BJ1A0176	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	40	3
15BJ1A0176	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BJ1A0176	RT32018	TRANSPORTATION ENGINEERING LAB	18	44	2
15BJ1A0177	RT32011	ENVIRONMENTAL ENGINEERING I	26	34	3
15BJ1A0177	RT32012	GEOTECHNICAL ENGINEERING II	20	15	0
15BJ1A0177	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	47	3
15BJ1A0177	RT32014	WATER RESOURCES ENGINEERING I	23	33	3
15BJ1A0177	RT32015	TRANSPORTATION ENGINEERING II	27	43	3
15BJ1A0177	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	25	3
15BJ1A0177	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0177	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BJ1A0178	RT32011	ENVIRONMENTAL ENGINEERING I	14	18	0
15BJ1A0178	RT32012	GEOTECHNICAL ENGINEERING II	13	3	0
15BJ1A0178	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	18	0
15BJ1A0178	RT32014	WATER RESOURCES ENGINEERING I	17	-1	0
15BJ1A0178	RT32015	TRANSPORTATION ENGINEERING II	19	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0178	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	2	0
15BJ1A0178	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
15BJ1A0178	RT32018	TRANSPORTATION ENGINEERING LAB	18	46	2
15BJ1A0179	RT32011	ENVIRONMENTAL ENGINEERING I	26	36	3
15BJ1A0179	RT32012	GEOTECHNICAL ENGINEERING II	20	31	3
15BJ1A0179	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	55	3
15BJ1A0179	RT32014	WATER RESOURCES ENGINEERING I	25	24	3
15BJ1A0179	RT32015	TRANSPORTATION ENGINEERING II	27	40	3
15BJ1A0179	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	38	3
15BJ1A0179	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
15BJ1A0179	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
15BJ1A0181	RT32011	ENVIRONMENTAL ENGINEERING I	24	32	3
15BJ1A0181	RT32012	GEOTECHNICAL ENGINEERING II	23	45	3
15BJ1A0181	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	41	3
15BJ1A0181	RT32014	WATER RESOURCES ENGINEERING I	24	40	3
15BJ1A0181	RT32015	TRANSPORTATION ENGINEERING II	26	43	3
15BJ1A0181	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	37	3
15BJ1A0181	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15BJ1A0181	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
15BJ1A0184	RT32011	ENVIRONMENTAL ENGINEERING I	24	27	3
15BJ1A0184	RT32012	GEOTECHNICAL ENGINEERING II	14	26	3
15BJ1A0184	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	0	0
15BJ1A0184	RT32014	WATER RESOURCES ENGINEERING I	23	12	0
15BJ1A0184	RT32015	TRANSPORTATION ENGINEERING II	26	13	0
15BJ1A0184	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	14	0
15BJ1A0184	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15BJ1A0184	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
15BJ1A0185	RT32011	ENVIRONMENTAL ENGINEERING I	4	11	0
15BJ1A0185	RT32012	GEOTECHNICAL ENGINEERING II	3	0	0
15BJ1A0185	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	0	0
15BJ1A0185	RT32014	WATER RESOURCES ENGINEERING I	16	0	0
15BJ1A0185	RT32015	TRANSPORTATION ENGINEERING II	17	6	0
15BJ1A0185	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	13	14	0
15BJ1A0185	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	-1	0
15BJ1A0185	RT32018	TRANSPORTATION ENGINEERING LAB	20	-1	0
15BJ1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	45	3
15BJ1A0201	RT32022	SWITCHGEAR AND PROTECTION	25	49	3
15BJ1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	37	3
15BJ1A0201	RT32024	POWER SYSTEM ANALYSIS	25	38	3
15BJ1A0201	RT32025	MANAGEMENT SCIENCE	26	47	3
15BJ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	23	26	3
15BJ1A0201	RT32027	POWER ELECTRONICS LAB	25	49	2
15BJ1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15BJ1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	37	3
15BJ1A0203	RT32022	SWITCHGEAR AND PROTECTION	23	24	3
15BJ1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	38	3
15BJ1A0203	RT32024	POWER SYSTEM ANALYSIS	27	40	3
15BJ1A0203	RT32025	MANAGEMENT SCIENCE	28	48	3
15BJ1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	22	37	3
15BJ1A0203	RT32027	POWER ELECTRONICS LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	70	3
15BJ1A0204	RT32022	SWITCHGEAR AND PROTECTION	25	30	3
15BJ1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	53	3
15BJ1A0204	RT32024	POWER SYSTEM ANALYSIS	28	26	3
15BJ1A0204	RT32025	MANAGEMENT SCIENCE	28	60	3
15BJ1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	24	47	3
15BJ1A0204	RT32027	POWER ELECTRONICS LAB	25	50	2
15BJ1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15BJ1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	4	0
15BJ1A0205	RT32022	SWITCHGEAR AND PROTECTION	24	2	0
15BJ1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	27	3
15BJ1A0205	RT32024	POWER SYSTEM ANALYSIS	24	3	0
15BJ1A0205	RT32025	MANAGEMENT SCIENCE	23	11	0
15BJ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	20	13	0
15BJ1A0205	RT32027	POWER ELECTRONICS LAB	22	46	2
15BJ1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15BJ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	27	3
15BJ1A0206	RT32022	SWITCHGEAR AND PROTECTION	22	12	0
15BJ1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	25	3
15BJ1A0206	RT32024	POWER SYSTEM ANALYSIS	26	7	0
15BJ1A0206	RT32025	MANAGEMENT SCIENCE	28	36	3
15BJ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	21	14	0
15BJ1A0206	RT32027	POWER ELECTRONICS LAB	23	46	2
15BJ1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15BJ1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	25	3
15BJ1A0207	RT32022	SWITCHGEAR AND PROTECTION	24	15	0
15BJ1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	36	3
15BJ1A0207	RT32024	POWER SYSTEM ANALYSIS	25	26	3
15BJ1A0207	RT32025	MANAGEMENT SCIENCE	26	46	3
15BJ1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	24	17	0
15BJ1A0207	RT32027	POWER ELECTRONICS LAB	24	47	2
15BJ1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15BJ1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	49	3
15BJ1A0208	RT32022	SWITCHGEAR AND PROTECTION	27	16	0
15BJ1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	38	3
15BJ1A0208	RT32024	POWER SYSTEM ANALYSIS	27	14	0
15BJ1A0208	RT32025	MANAGEMENT SCIENCE	25	35	3
15BJ1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	24	38	3
15BJ1A0208	RT32027	POWER ELECTRONICS LAB	23	46	2
15BJ1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	23	46	2
15BJ1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	41	3
15BJ1A0209	RT32022	SWITCHGEAR AND PROTECTION	23	39	3
15BJ1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	26	3
15BJ1A0209	RT32024	POWER SYSTEM ANALYSIS	26	37	3
15BJ1A0209	RT32025	MANAGEMENT SCIENCE	22	54	3
15BJ1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	26	43	3
15BJ1A0209	RT32027	POWER ELECTRONICS LAB	20	41	2
15BJ1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15BJ1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	37	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0212	RT32022	SWITCHGEAR AND PROTECTION	23	34	3
15BJ1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	9	0
15BJ1A0212	RT32024	POWER SYSTEM ANALYSIS	23	31	3
15BJ1A0212	RT32025	MANAGEMENT SCIENCE	24	40	3
15BJ1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
15BJ1A0212	RT32027	POWER ELECTRONICS LAB	22	44	2
15BJ1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15BJ1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	3	-1	0
15BJ1A0213	RT32022	SWITCHGEAR AND PROTECTION	3	-1	0
15BJ1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	4	-1	0
15BJ1A0213	RT32024	POWER SYSTEM ANALYSIS	3	-1	0
15BJ1A0213	RT32025	MANAGEMENT SCIENCE	5	-1	0
15BJ1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	3	-1	0
15BJ1A0213	RT32027	POWER ELECTRONICS LAB	10	-1	0
15BJ1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	10	-1	0
15BJ1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	31	3
15BJ1A0215	RT32022	SWITCHGEAR AND PROTECTION	18	5	0
15BJ1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	24	3
15BJ1A0215	RT32024	POWER SYSTEM ANALYSIS	18	0	0
15BJ1A0215	RT32025	MANAGEMENT SCIENCE	18	11	0
15BJ1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	15	2	0
15BJ1A0215	RT32027	POWER ELECTRONICS LAB	10	35	2
15BJ1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	10	35	2
15BJ1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	29	3
15BJ1A0216	RT32022	SWITCHGEAR AND PROTECTION	24	44	3
15BJ1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	35	3
15BJ1A0216	RT32024	POWER SYSTEM ANALYSIS	25	28	3
15BJ1A0216	RT32025	MANAGEMENT SCIENCE	27	59	3
15BJ1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
15BJ1A0216	RT32027	POWER ELECTRONICS LAB	24	46	2
15BJ1A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15BJ1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	27	3
15BJ1A0218	RT32022	SWITCHGEAR AND PROTECTION	22	32	3
15BJ1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	39	3
15BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	22	29	3
15BJ1A0218	RT32025	MANAGEMENT SCIENCE	20	39	3
15BJ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
15BJ1A0218	RT32027	POWER ELECTRONICS LAB	22	42	2
15BJ1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
15BJ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	4	0
15BJ1A0221	RT32022	SWITCHGEAR AND PROTECTION	21	11	0
15BJ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	24	3
15BJ1A0221	RT32024	POWER SYSTEM ANALYSIS	23	12	0
15BJ1A0221	RT32025	MANAGEMENT SCIENCE	22	44	3
15BJ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	18	0	0
15BJ1A0221	RT32027	POWER ELECTRONICS LAB	20	44	2
15BJ1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
15BJ1A0301	RT32031	OPERATIONS RESEARCH	19	28	3
15BJ1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	15	0
15BJ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	16	6	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0301	RT32034	ROBOTICS	21	39	3
15BJ1A0301	RT32035	HEAT TRANSFER	16	7	0
15BJ1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	27	3
15BJ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
15BJ1A0301	RT32038	HEAT TRANSFER LAB	18	40	2
15BJ1A0302	RT32031	OPERATIONS RESEARCH	11	17	0
15BJ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	2	0
15BJ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	2	18	0
15BJ1A0302	RT32034	ROBOTICS	17	14	0
15BJ1A0302	RT32035	HEAT TRANSFER	7	9	0
15BJ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	26	0
15BJ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	5	21	0
15BJ1A0302	RT32038	HEAT TRANSFER LAB	13	38	2
15BJ1A0303	RT32031	OPERATIONS RESEARCH	13	5	0
15BJ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	19	0
15BJ1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	11	13	0
15BJ1A0303	RT32034	ROBOTICS	18	10	0
15BJ1A0303	RT32035	HEAT TRANSFER	14	7	0
15BJ1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	0	0
15BJ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	14	0	0
15BJ1A0303	RT32038	HEAT TRANSFER LAB	15	38	2
15BJ1A0306	RT32031	OPERATIONS RESEARCH	18	8	0
15BJ1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	2	0
15BJ1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	16	12	0
15BJ1A0306	RT32034	ROBOTICS	22	12	0
15BJ1A0306	RT32035	HEAT TRANSFER	13	11	0
15BJ1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	14	0
15BJ1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	14	0	0
15BJ1A0306	RT32038	HEAT TRANSFER LAB	18	40	2
15BJ1A0307	RT32031	OPERATIONS RESEARCH	19	16	0
15BJ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	10	0
15BJ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	16	11	0
15BJ1A0307	RT32034	ROBOTICS	20	31	3
15BJ1A0307	RT32035	HEAT TRANSFER	16	9	0
15BJ1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	15	0
15BJ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	18	8	0
15BJ1A0307	RT32038	HEAT TRANSFER LAB	17	39	2
15BJ1A0308	RT32031	OPERATIONS RESEARCH	19	41	3
15BJ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	17	0
15BJ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	16	30	3
15BJ1A0308	RT32034	ROBOTICS	21	0	0
15BJ1A0308	RT32035	HEAT TRANSFER	11	16	0
15BJ1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	34	3
15BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	16	32	3
15BJ1A0308	RT32038	HEAT TRANSFER LAB	13	38	2
15BJ1A0309	RT32031	OPERATIONS RESEARCH	20	24	3
15BJ1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	31	3
15BJ1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	16	18	0
15BJ1A0309	RT32034	ROBOTICS	20	19	0
15BJ1A0309	RT32035	HEAT TRANSFER	18	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	41	3
15BJ1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15BJ1A0309	RT32038	HEAT TRANSFER LAB	20	43	2
15BJ1A0310	RT32031	OPERATIONS RESEARCH	18	28	3
15BJ1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	14	0
15BJ1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	18	35	3
15BJ1A0310	RT32034	ROBOTICS	23	24	3
15BJ1A0310	RT32035	HEAT TRANSFER	18	34	3
15BJ1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
15BJ1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	14	36	3
15BJ1A0310	RT32038	HEAT TRANSFER LAB	17	43	2
15BJ1A0311	RT32031	OPERATIONS RESEARCH	25	35	3
15BJ1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	37	3
15BJ1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	25	36	3
15BJ1A0311	RT32034	ROBOTICS	28	44	3
15BJ1A0311	RT32035	HEAT TRANSFER	27	42	3
15BJ1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	28	3
15BJ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	23	25	3
15BJ1A0311	RT32038	HEAT TRANSFER LAB	17	45	2
15BJ1A0312	RT32031	OPERATIONS RESEARCH	8	0	0
15BJ1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	4	0
15BJ1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	9	0	0
15BJ1A0312	RT32034	ROBOTICS	23	15	0
15BJ1A0312	RT32035	HEAT TRANSFER	17	0	0
15BJ1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	22	0
15BJ1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	8	0	0
15BJ1A0312	RT32038	HEAT TRANSFER LAB	18	35	2
15BJ1A0313	RT32031	OPERATIONS RESEARCH	18	15	0
15BJ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	16	0
15BJ1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	16	10	0
15BJ1A0313	RT32034	ROBOTICS	18	11	0
15BJ1A0313	RT32035	HEAT TRANSFER	19	0	0
15BJ1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	28	3
15BJ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	15	4	0
15BJ1A0313	RT32038	HEAT TRANSFER LAB	20	44	2
15BJ1A0314	RT32031	OPERATIONS RESEARCH	18	3	0
15BJ1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	4	0
15BJ1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	12	11	0
15BJ1A0314	RT32034	ROBOTICS	17	9	0
15BJ1A0314	RT32035	HEAT TRANSFER	18	9	0
15BJ1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	15	0
15BJ1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	14	3	0
15BJ1A0314	RT32038	HEAT TRANSFER LAB	14	40	2
15BJ1A0316	RT32031	OPERATIONS RESEARCH	16	30	3
15BJ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	17	0
15BJ1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
15BJ1A0316	RT32034	ROBOTICS	18	28	3
15BJ1A0316	RT32035	HEAT TRANSFER	16	27	3
15BJ1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	11	0
15BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	14	1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0316	RT32038	HEAT TRANSFER LAB	15	42	2
15BJ1A0318	RT32031	OPERATIONS RESEARCH	16	27	3
15BJ1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
15BJ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
15BJ1A0318	RT32034	ROBOTICS	23	16	0
15BJ1A0318	RT32035	HEAT TRANSFER	16	27	3
15BJ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
15BJ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	22	36	3
15BJ1A0318	RT32038	HEAT TRANSFER LAB	20	40	2
15BJ1A0321	RT32031	OPERATIONS RESEARCH	16	17	0
15BJ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	33	3
15BJ1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	16	26	3
15BJ1A0321	RT32034	ROBOTICS	21	34	3
15BJ1A0321	RT32035	HEAT TRANSFER	20	24	3
15BJ1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	43	3
15BJ1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	17	34	3
15BJ1A0321	RT32038	HEAT TRANSFER LAB	17	38	2
15BJ1A0322	RT32031	OPERATIONS RESEARCH	20	26	3
15BJ1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	17	0
15BJ1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
15BJ1A0322	RT32034	ROBOTICS	25	19	0
15BJ1A0322	RT32035	HEAT TRANSFER	21	24	3
15BJ1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	14	0
15BJ1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	19	25	3
15BJ1A0322	RT32038	HEAT TRANSFER LAB	19	43	2
15BJ1A0324	RT32031	OPERATIONS RESEARCH	24	35	3
15BJ1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	30	3
15BJ1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	20	30	3
15BJ1A0324	RT32034	ROBOTICS	28	52	3
15BJ1A0324	RT32035	HEAT TRANSFER	25	40	3
15BJ1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	40	3
15BJ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	19	29	3
15BJ1A0324	RT32038	HEAT TRANSFER LAB	20	45	2
15BJ1A0325	RT32031	OPERATIONS RESEARCH	18	24	3
15BJ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	4	0
15BJ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	12	30	3
15BJ1A0325	RT32034	ROBOTICS	21	24	3
15BJ1A0325	RT32035	HEAT TRANSFER	16	8	0
15BJ1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	32	3
15BJ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15BJ1A0325	RT32038	HEAT TRANSFER LAB	19	45	2
15BJ1A0328	RT32031	OPERATIONS RESEARCH	19	13	0
15BJ1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
15BJ1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	16	16	0
15BJ1A0328	RT32034	ROBOTICS	26	13	0
15BJ1A0328	RT32035	HEAT TRANSFER	13	18	0
15BJ1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	28	3
15BJ1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	17	25	3
15BJ1A0328	RT32038	HEAT TRANSFER LAB	21	44	2
15BJ1A0330	RT32031	OPERATIONS RESEARCH	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	25	3
15BJ1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	19	27	3
15BJ1A0330	RT32034	ROBOTICS	25	17	0
15BJ1A0330	RT32035	HEAT TRANSFER	20	24	3
15BJ1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	26	3
15BJ1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	18	29	3
15BJ1A0330	RT32038	HEAT TRANSFER LAB	20	43	2
15BJ1A0331	RT32031	OPERATIONS RESEARCH	20	27	3
15BJ1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	16	0
15BJ1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
15BJ1A0331	RT32034	ROBOTICS	16	32	3
15BJ1A0331	RT32035	HEAT TRANSFER	19	24	3
15BJ1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	17	0
15BJ1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	15	2	0
15BJ1A0331	RT32038	HEAT TRANSFER LAB	15	40	2
15BJ1A0332	RT32031	OPERATIONS RESEARCH	18	20	0
15BJ1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	4	0
15BJ1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
15BJ1A0332	RT32034	ROBOTICS	22	24	3
15BJ1A0332	RT32035	HEAT TRANSFER	16	8	0
15BJ1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
15BJ1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	15	27	3
15BJ1A0332	RT32038	HEAT TRANSFER LAB	18	42	2
15BJ1A0333	RT32031	OPERATIONS RESEARCH	16	10	0
15BJ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	13	0
15BJ1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	16	11	0
15BJ1A0333	RT32034	ROBOTICS	19	2	0
15BJ1A0333	RT32035	HEAT TRANSFER	15	0	0
15BJ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	16	0
15BJ1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	14	7	0
15BJ1A0333	RT32038	HEAT TRANSFER LAB	17	40	2
15BJ1A0334	RT32031	OPERATIONS RESEARCH	19	17	0
15BJ1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	7	0
15BJ1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	16	7	0
15BJ1A0334	RT32034	ROBOTICS	23	9	0
15BJ1A0334	RT32035	HEAT TRANSFER	20	42	3
15BJ1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	33	3
15BJ1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	21	7	0
15BJ1A0334	RT32038	HEAT TRANSFER LAB	20	47	2
15BJ1A0335	RT32031	OPERATIONS RESEARCH	18	24	3
15BJ1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	11	0
15BJ1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	13	14	0
15BJ1A0335	RT32034	ROBOTICS	22	-1	0
15BJ1A0335	RT32035	HEAT TRANSFER	17	29	3
15BJ1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	16	0
15BJ1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	14	14	0
15BJ1A0335	RT32038	HEAT TRANSFER LAB	20	43	2
15BJ1A0336	RT32031	OPERATIONS RESEARCH	23	40	3
15BJ1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	14	0
15BJ1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0336	RT32034	ROBOTICS	26	41	3
15BJ1A0336	RT32035	HEAT TRANSFER	27	33	3
15BJ1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	41	3
15BJ1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	21	45	3
15BJ1A0336	RT32038	HEAT TRANSFER LAB	21	43	2
15BJ1A0337	RT32031	OPERATIONS RESEARCH	16	10	0
15BJ1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	28	3
15BJ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	11	20	0
15BJ1A0337	RT32034	ROBOTICS	19	10	0
15BJ1A0337	RT32035	HEAT TRANSFER	19	11	0
15BJ1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	6	0
15BJ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	17	8	0
15BJ1A0337	RT32038	HEAT TRANSFER LAB	21	46	2
15BJ1A0343	RT32031	OPERATIONS RESEARCH	9	2	0
15BJ1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	0	0
15BJ1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	9	0	0
15BJ1A0343	RT32034	ROBOTICS	15	0	0
15BJ1A0343	RT32035	HEAT TRANSFER	14	34	3
15BJ1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	9	3	0
15BJ1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	13	2	0
15BJ1A0343	RT32038	HEAT TRANSFER LAB	18	43	2
15BJ1A0345	RT32031	OPERATIONS RESEARCH	19	11	0
15BJ1A0345	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	11	0
15BJ1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	13	9	0
15BJ1A0345	RT32034	ROBOTICS	20	42	3
15BJ1A0345	RT32035	HEAT TRANSFER	19	24	3
15BJ1A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	25	3
15BJ1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	19	9	0
15BJ1A0345	RT32038	HEAT TRANSFER LAB	18	43	2
15BJ1A0346	RT32031	OPERATIONS RESEARCH	20	24	3
15BJ1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	6	0
15BJ1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15BJ1A0346	RT32034	ROBOTICS	23	18	0
15BJ1A0346	RT32035	HEAT TRANSFER	25	14	0
15BJ1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	36	3
15BJ1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	19	31	3
15BJ1A0346	RT32038	HEAT TRANSFER LAB	21	46	2
15BJ1A0348	RT32031	OPERATIONS RESEARCH	7	4	0
15BJ1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	12	0
15BJ1A0348	RT32033	DESIGN OF MACHINE MEMBERS II	9	7	0
15BJ1A0348	RT32034	ROBOTICS	19	9	0
15BJ1A0348	RT32035	HEAT TRANSFER	19	12	0
15BJ1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	11	24	0
15BJ1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	13	0	0
15BJ1A0348	RT32038	HEAT TRANSFER LAB	14	43	2
15BJ1A0349	RT32031	OPERATIONS RESEARCH	17	9	0
15BJ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	30	3
15BJ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	8	36	3
15BJ1A0349	RT32034	ROBOTICS	15	25	3
15BJ1A0349	RT32035	HEAT TRANSFER	18	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	32	3
15BJ1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	21	26	3
15BJ1A0349	RT32038	HEAT TRANSFER LAB	20	45	2
15BJ1A0350	RT32031	OPERATIONS RESEARCH	16	34	3
15BJ1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
15BJ1A0350	RT32033	DESIGN OF MACHINE MEMBERS II	12	9	0
15BJ1A0350	RT32034	ROBOTICS	25	37	3
15BJ1A0350	RT32035	HEAT TRANSFER	17	38	3
15BJ1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	9	0
15BJ1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
15BJ1A0350	RT32038	HEAT TRANSFER LAB	20	40	2
15BJ1A0351	RT32031	OPERATIONS RESEARCH	13	0	0
15BJ1A0351	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	3	0
15BJ1A0351	RT32033	DESIGN OF MACHINE MEMBERS II	9	4	0
15BJ1A0351	RT32034	ROBOTICS	18	10	0
15BJ1A0351	RT32035	HEAT TRANSFER	19	0	0
15BJ1A0351	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	8	12	0
15BJ1A0351	RT32037A	REFRIGERATION & AIR CONDITIONING	12	0	0
15BJ1A0351	RT32038	HEAT TRANSFER LAB	14	45	2
15BJ1A0352	RT32031	OPERATIONS RESEARCH	14	16	0
15BJ1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	26	3
15BJ1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	13	16	0
15BJ1A0352	RT32034	ROBOTICS	24	14	0
15BJ1A0352	RT32035	HEAT TRANSFER	14	8	0
15BJ1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	24	3
15BJ1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	18	2	0
15BJ1A0352	RT32038	HEAT TRANSFER LAB	22	40	2
15BJ1A0353	RT32031	OPERATIONS RESEARCH	23	15	0
15BJ1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	27	3
15BJ1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
15BJ1A0353	RT32034	ROBOTICS	21	10	0
15BJ1A0353	RT32035	HEAT TRANSFER	14	17	0
15BJ1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15BJ1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	16	12	0
15BJ1A0353	RT32038	HEAT TRANSFER LAB	19	40	2
15BJ1A0355	RT32031	OPERATIONS RESEARCH	10	30	3
15BJ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	28	3
15BJ1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	11	8	0
15BJ1A0355	RT32034	ROBOTICS	17	47	3
15BJ1A0355	RT32035	HEAT TRANSFER	19	37	3
15BJ1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	9	0
15BJ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	17	35	3
15BJ1A0355	RT32038	HEAT TRANSFER LAB	18	40	2
15BJ1A0356	RT32031	OPERATIONS RESEARCH	22	30	3
15BJ1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	11	0
15BJ1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	17	27	3
15BJ1A0356	RT32034	ROBOTICS	21	29	3
15BJ1A0356	RT32035	HEAT TRANSFER	16	8	0
15BJ1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	43	3
15BJ1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	20	37	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0356	RT32038	HEAT TRANSFER LAB	22	43	2
15BJ1A0358	RT32031	OPERATIONS RESEARCH	17	24	3
15BJ1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	34	3
15BJ1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	18	8	0
15BJ1A0358	RT32034	ROBOTICS	27	17	0
15BJ1A0358	RT32035	HEAT TRANSFER	14	11	0
15BJ1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
15BJ1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	15	8	0
15BJ1A0358	RT32038	HEAT TRANSFER LAB	17	40	2
15BJ1A0359	RT32031	OPERATIONS RESEARCH	14	3	0
15BJ1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	12	0
15BJ1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	16	9	0
15BJ1A0359	RT32034	ROBOTICS	20	6	0
15BJ1A0359	RT32035	HEAT TRANSFER	12	12	0
15BJ1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	10	0
15BJ1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	17	3	0
15BJ1A0359	RT32038	HEAT TRANSFER LAB	22	40	2
15BJ1A0360	RT32031	OPERATIONS RESEARCH	8	19	0
15BJ1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	3	0
15BJ1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	18	1	0
15BJ1A0360	RT32034	ROBOTICS	23	35	3
15BJ1A0360	RT32035	HEAT TRANSFER	14	14	0
15BJ1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	3	0
15BJ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
15BJ1A0360	RT32038	HEAT TRANSFER LAB	20	41	2
15BJ1A0362	RT32031	OPERATIONS RESEARCH	20	27	3
15BJ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	12	0
15BJ1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
15BJ1A0362	RT32034	ROBOTICS	25	28	3
15BJ1A0362	RT32035	HEAT TRANSFER	17	17	0
15BJ1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	37	3
15BJ1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	21	34	3
15BJ1A0362	RT32038	HEAT TRANSFER LAB	21	40	2
15BJ1A0363	RT32031	OPERATIONS RESEARCH	23	25	3
15BJ1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	27	3
15BJ1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	13	17	0
15BJ1A0363	RT32034	ROBOTICS	28	24	3
15BJ1A0363	RT32035	HEAT TRANSFER	14	17	0
15BJ1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	32	3
15BJ1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	22	4	0
15BJ1A0363	RT32038	HEAT TRANSFER LAB	20	39	2
15BJ1A0364	RT32031	OPERATIONS RESEARCH	22	16	0
15BJ1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	5	0
15BJ1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	17	26	3
15BJ1A0364	RT32034	ROBOTICS	25	6	0
15BJ1A0364	RT32035	HEAT TRANSFER	21	40	3
15BJ1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	28	3
15BJ1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	18	7	0
15BJ1A0364	RT32038	HEAT TRANSFER LAB	20	40	2
15BJ1A0366	RT32031	OPERATIONS RESEARCH	18	19	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
15BJ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	16	8	0
15BJ1A0366	RT32034	ROBOTICS	24	34	3
15BJ1A0366	RT32035	HEAT TRANSFER	17	18	0
15BJ1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
15BJ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
15BJ1A0366	RT32038	HEAT TRANSFER LAB	21	42	2
15BJ1A0368	RT32031	OPERATIONS RESEARCH	18	31	3
15BJ1A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	9	0
15BJ1A0368	RT32033	DESIGN OF MACHINE MEMBERS II	17	33	3
15BJ1A0368	RT32034	ROBOTICS	27	29	3
15BJ1A0368	RT32035	HEAT TRANSFER	19	28	3
15BJ1A0368	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	47	3
15BJ1A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	18	42	3
15BJ1A0368	RT32038	HEAT TRANSFER LAB	23	42	2
15BJ1A0370	RT32031	OPERATIONS RESEARCH	15	12	0
15BJ1A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	15	0
15BJ1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	11	11	0
15BJ1A0370	RT32034	ROBOTICS	21	24	3
15BJ1A0370	RT32035	HEAT TRANSFER	19	16	0
15BJ1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
15BJ1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	22	8	0
15BJ1A0370	RT32038	HEAT TRANSFER LAB	19	40	2
15BJ1A0371	RT32031	OPERATIONS RESEARCH	11	11	0
15BJ1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	3	0
15BJ1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	16	15	0
15BJ1A0371	RT32034	ROBOTICS	21	8	0
15BJ1A0371	RT32035	HEAT TRANSFER	16	6	0
15BJ1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	24	0
15BJ1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	12	13	0
15BJ1A0371	RT32038	HEAT TRANSFER LAB	18	40	2
15BJ1A0373	RT32031	OPERATIONS RESEARCH	13	12	0
15BJ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	15	0
15BJ1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
15BJ1A0373	RT32034	ROBOTICS	16	28	3
15BJ1A0373	RT32035	HEAT TRANSFER	11	11	0
15BJ1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	27	3
15BJ1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
15BJ1A0373	RT32038	HEAT TRANSFER LAB	19	38	2
15BJ1A0374	RT32031	OPERATIONS RESEARCH	16	11	0
15BJ1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	4	0
15BJ1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	9	27	0
15BJ1A0374	RT32034	ROBOTICS	22	12	0
15BJ1A0374	RT32035	HEAT TRANSFER	17	6	0
15BJ1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
15BJ1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	9	31	3
15BJ1A0374	RT32038	HEAT TRANSFER LAB	18	39	2
15BJ1A0375	RT32031	OPERATIONS RESEARCH	24	32	3
15BJ1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	45	3
15BJ1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0375	RT32034	ROBOTICS	28	24	3
15BJ1A0375	RT32035	HEAT TRANSFER	26	34	3
15BJ1A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	41	3
15BJ1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	25	47	3
15BJ1A0375	RT32038	HEAT TRANSFER LAB	24	48	2
15BJ1A0377	RT32031	OPERATIONS RESEARCH	18	16	0
15BJ1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	6	0
15BJ1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	12	17	0
15BJ1A0377	RT32034	ROBOTICS	23	13	0
15BJ1A0377	RT32035	HEAT TRANSFER	20	21	0
15BJ1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	26	3
15BJ1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	17	3	0
15BJ1A0377	RT32038	HEAT TRANSFER LAB	22	42	2
15BJ1A0378	RT32031	OPERATIONS RESEARCH	16	28	3
15BJ1A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	36	3
15BJ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	13	0	0
15BJ1A0378	RT32034	ROBOTICS	23	41	3
15BJ1A0378	RT32035	HEAT TRANSFER	17	0	0
15BJ1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	22	0
15BJ1A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	16	26	3
15BJ1A0378	RT32038	HEAT TRANSFER LAB	20	39	2
15BJ1A0379	RT32031	OPERATIONS RESEARCH	16	17	0
15BJ1A0379	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	7	0
15BJ1A0379	RT32033	DESIGN OF MACHINE MEMBERS II	11	7	0
15BJ1A0379	RT32034	ROBOTICS	25	10	0
15BJ1A0379	RT32035	HEAT TRANSFER	19	0	0
15BJ1A0379	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	49	3
15BJ1A0379	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
15BJ1A0379	RT32038	HEAT TRANSFER LAB	22	45	2
15BJ1A0389	RT32031	OPERATIONS RESEARCH	13	21	0
15BJ1A0389	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	26	3
15BJ1A0389	RT32033	DESIGN OF MACHINE MEMBERS II	11	17	0
15BJ1A0389	RT32034	ROBOTICS	21	19	0
15BJ1A0389	RT32035	HEAT TRANSFER	20	16	0
15BJ1A0389	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	29	3
15BJ1A0389	RT32037A	REFRIGERATION & AIR CONDITIONING	9	31	3
15BJ1A0389	RT32038	HEAT TRANSFER LAB	19	40	2
15BJ1A0390	RT32031	OPERATIONS RESEARCH	13	29	3
15BJ1A0390	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	4	0
15BJ1A0390	RT32033	DESIGN OF MACHINE MEMBERS II	10	11	0
15BJ1A0390	RT32034	ROBOTICS	19	17	0
15BJ1A0390	RT32035	HEAT TRANSFER	17	37	3
15BJ1A0390	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	33	3
15BJ1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	13	13	0
15BJ1A0390	RT32038	HEAT TRANSFER LAB	21	40	2
15BJ1A0392	RT32031	OPERATIONS RESEARCH	20	30	3
15BJ1A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	9	0
15BJ1A0392	RT32033	DESIGN OF MACHINE MEMBERS II	11	8	0
15BJ1A0392	RT32034	ROBOTICS	28	42	3
15BJ1A0392	RT32035	HEAT TRANSFER	17	13	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	10	0
15BJ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	13	12	0
15BJ1A0392	RT32038	HEAT TRANSFER LAB	21	39	2
15BJ1A0393	RT32031	OPERATIONS RESEARCH	22	41	3
15BJ1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	14	0
15BJ1A0393	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
15BJ1A0393	RT32034	ROBOTICS	24	24	3
15BJ1A0393	RT32035	HEAT TRANSFER	17	24	3
15BJ1A0393	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
15BJ1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	10	31	3
15BJ1A0393	RT32038	HEAT TRANSFER LAB	22	40	2
15BJ1A0395	RT32031	OPERATIONS RESEARCH	21	14	0
15BJ1A0395	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	38	3
15BJ1A0395	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
15BJ1A0395	RT32034	ROBOTICS	25	28	3
15BJ1A0395	RT32035	HEAT TRANSFER	20	24	3
15BJ1A0395	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	43	3
15BJ1A0395	RT32037A	REFRIGERATION & AIR CONDITIONING	20	33	3
15BJ1A0395	RT32038	HEAT TRANSFER LAB	23	43	2
15BJ1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	44	3
15BJ1A0401	RT32042	DIGITAL SIGNAL PROCESSING	26	37	3
15BJ1A0401	RT32043	DIGITAL COMMUNICATIONS	25	56	3
15BJ1A0401	RT32044	MICROWAVE ENGINEERING	23	9	0
15BJ1A0401	RT32045A	BIO MEDICAL ENGINEERING	24	37	3
15BJ1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15BJ1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
15BJ1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0401	RT32049	SEMINAR	45	0	1
15BJ1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	37	3
15BJ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	28	28	3
15BJ1A0402	RT32043	DIGITAL COMMUNICATIONS	22	33	3
15BJ1A0402	RT32044	MICROWAVE ENGINEERING	24	28	3
15BJ1A0402	RT32045A	BIO MEDICAL ENGINEERING	15	25	3
15BJ1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	41	2
15BJ1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BJ1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0402	RT32049	SEMINAR	44	0	1
15BJ1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	49	3
15BJ1A0403	RT32042	DIGITAL SIGNAL PROCESSING	25	33	3
15BJ1A0403	RT32043	DIGITAL COMMUNICATIONS	20	28	3
15BJ1A0403	RT32044	MICROWAVE ENGINEERING	22	28	3
15BJ1A0403	RT32045A	BIO MEDICAL ENGINEERING	24	33	3
15BJ1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15BJ1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BJ1A0403	RT32049	SEMINAR	45	0	1
15BJ1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	10	0
15BJ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	23	7	0
15BJ1A0404	RT32043	DIGITAL COMMUNICATIONS	21	-1	0
15BJ1A0404	RT32044	MICROWAVE ENGINEERING	22	3	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0404	RT32045A	BIO MEDICAL ENGINEERING	21	13	0
15BJ1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BJ1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
15BJ1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15BJ1A0404	RT32049	SEMINAR	45	0	1
15BJ1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	25	3
15BJ1A0405	RT32042	DIGITAL SIGNAL PROCESSING	25	27	3
15BJ1A0405	RT32043	DIGITAL COMMUNICATIONS	24	40	3
15BJ1A0405	RT32044	MICROWAVE ENGINEERING	24	6	0
15BJ1A0405	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
15BJ1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	45	2
15BJ1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BJ1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BJ1A0405	RT32049	SEMINAR	45	0	1
15BJ1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	41	3
15BJ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	26	36	3
15BJ1A0406	RT32043	DIGITAL COMMUNICATIONS	25	34	3
15BJ1A0406	RT32044	MICROWAVE ENGINEERING	25	38	3
15BJ1A0406	RT32045A	BIO MEDICAL ENGINEERING	24	30	3
15BJ1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15BJ1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BJ1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BJ1A0406	RT32049	SEMINAR	46	0	1
15BJ1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	35	3
15BJ1A0407	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15BJ1A0407	RT32043	DIGITAL COMMUNICATIONS	20	11	0
15BJ1A0407	RT32044	MICROWAVE ENGINEERING	21	8	0
15BJ1A0407	RT32045A	BIO MEDICAL ENGINEERING	18	27	3
15BJ1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	40	2
15BJ1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BJ1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BJ1A0407	RT32049	SEMINAR	42	0	1
15BJ1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	6	0
15BJ1A0408	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15BJ1A0408	RT32043	DIGITAL COMMUNICATIONS	18	21	0
15BJ1A0408	RT32044	MICROWAVE ENGINEERING	19	17	0
15BJ1A0408	RT32045A	BIO MEDICAL ENGINEERING	21	26	3
15BJ1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
15BJ1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15BJ1A0408	RT32049	SEMINAR	45	0	1
15BJ1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	34	3
15BJ1A0410	RT32042	DIGITAL SIGNAL PROCESSING	21	27	3
15BJ1A0410	RT32043	DIGITAL COMMUNICATIONS	27	39	3
15BJ1A0410	RT32044	MICROWAVE ENGINEERING	19	14	0
15BJ1A0410	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15BJ1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	38	2
15BJ1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
15BJ1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BJ1A0410	RT32049	SEMINAR	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	15	0
15BJ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	26	29	3
15BJ1A0413	RT32043	DIGITAL COMMUNICATIONS	21	29	3
15BJ1A0413	RT32044	MICROWAVE ENGINEERING	23	31	3
15BJ1A0413	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
15BJ1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	41	2
15BJ1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BJ1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0413	RT32049	SEMINAR	45	0	1
15BJ1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	38	3
15BJ1A0415	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15BJ1A0415	RT32043	DIGITAL COMMUNICATIONS	22	16	0
15BJ1A0415	RT32044	MICROWAVE ENGINEERING	20	33	3
15BJ1A0415	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
15BJ1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15BJ1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15BJ1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15BJ1A0415	RT32049	SEMINAR	42	0	1
15BJ1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	8	0
15BJ1A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15BJ1A0417	RT32043	DIGITAL COMMUNICATIONS	22	21	0
15BJ1A0417	RT32044	MICROWAVE ENGINEERING	17	12	0
15BJ1A0417	RT32045A	BIO MEDICAL ENGINEERING	23	25	3
15BJ1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15BJ1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15BJ1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15BJ1A0417	RT32049	SEMINAR	42	0	1
15BJ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	5	0
15BJ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15BJ1A0420	RT32043	DIGITAL COMMUNICATIONS	22	4	0
15BJ1A0420	RT32044	MICROWAVE ENGINEERING	24	2	0
15BJ1A0420	RT32045A	BIO MEDICAL ENGINEERING	17	13	0
15BJ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	38	2
15BJ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	23	40	2
15BJ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15BJ1A0420	RT32049	SEMINAR	42	0	1
15BJ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	13	0
15BJ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	21	7	0
15BJ1A0422	RT32043	DIGITAL COMMUNICATIONS	17	7	0
15BJ1A0422	RT32044	MICROWAVE ENGINEERING	20	34	3
15BJ1A0422	RT32045A	BIO MEDICAL ENGINEERING	21	9	0
15BJ1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	40	2
15BJ1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15BJ1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0422	RT32049	SEMINAR	45	0	1
15BJ1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	39	3
15BJ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	23	28	3
15BJ1A0423	RT32043	DIGITAL COMMUNICATIONS	24	24	3
15BJ1A0423	RT32044	MICROWAVE ENGINEERING	23	20	0
15BJ1A0423	RT32045A	BIO MEDICAL ENGINEERING	18	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
15BJ1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15BJ1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15BJ1A0423	RT32049	SEMINAR	45	0	1
15BJ1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	10	0
15BJ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
15BJ1A0425	RT32043	DIGITAL COMMUNICATIONS	20	7	0
15BJ1A0425	RT32044	MICROWAVE ENGINEERING	19	12	0
15BJ1A0425	RT32045A	BIO MEDICAL ENGINEERING	19	15	0
15BJ1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	42	2
15BJ1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15BJ1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0425	RT32049	SEMINAR	43	0	1
15BJ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	35	3
15BJ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BJ1A0426	RT32043	DIGITAL COMMUNICATIONS	22	50	3
15BJ1A0426	RT32044	MICROWAVE ENGINEERING	20	7	0
15BJ1A0426	RT32045A	BIO MEDICAL ENGINEERING	19	37	3
15BJ1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
15BJ1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15BJ1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BJ1A0426	RT32049	SEMINAR	45	0	1
15BJ1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	21	0
15BJ1A0428	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
15BJ1A0428	RT32043	DIGITAL COMMUNICATIONS	17	3	0
15BJ1A0428	RT32044	MICROWAVE ENGINEERING	16	2	0
15BJ1A0428	RT32045A	BIO MEDICAL ENGINEERING	21	3	0
15BJ1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15BJ1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15BJ1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BJ1A0428	RT32049	SEMINAR	42	0	1
15BJ1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	0	0
15BJ1A0429	RT32042	DIGITAL SIGNAL PROCESSING	26	10	0
15BJ1A0429	RT32043	DIGITAL COMMUNICATIONS	20	8	0
15BJ1A0429	RT32044	MICROWAVE ENGINEERING	17	4	0
15BJ1A0429	RT32045A	BIO MEDICAL ENGINEERING	18	12	0
15BJ1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	44	2
15BJ1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BJ1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15BJ1A0429	RT32049	SEMINAR	43	0	1
15BJ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	14	0
15BJ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	20	3	0
15BJ1A0430	RT32043	DIGITAL COMMUNICATIONS	17	24	3
15BJ1A0430	RT32044	MICROWAVE ENGINEERING	23	24	3
15BJ1A0430	RT32045A	BIO MEDICAL ENGINEERING	18	32	3
15BJ1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
15BJ1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15BJ1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0430	RT32049	SEMINAR	45	0	1
15BJ1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	26	0	0
15BJ1A0431	RT32043	DIGITAL COMMUNICATIONS	25	4	0
15BJ1A0431	RT32044	MICROWAVE ENGINEERING	23	0	0
15BJ1A0431	RT32045A	BIO MEDICAL ENGINEERING	18	0	0
15BJ1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
15BJ1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15BJ1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15BJ1A0431	RT32049	SEMINAR	43	0	1
15BJ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	24	3
15BJ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	22	9	0
15BJ1A0434	RT32043	DIGITAL COMMUNICATIONS	16	26	3
15BJ1A0434	RT32044	MICROWAVE ENGINEERING	21	2	0
15BJ1A0434	RT32045A	BIO MEDICAL ENGINEERING	16	18	0
15BJ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	40	2
15BJ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15BJ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0434	RT32049	SEMINAR	42	0	1
15BJ1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	12	0
15BJ1A0435	RT32042	DIGITAL SIGNAL PROCESSING	21	28	3
15BJ1A0435	RT32043	DIGITAL COMMUNICATIONS	14	18	0
15BJ1A0435	RT32044	MICROWAVE ENGINEERING	16	15	0
15BJ1A0435	RT32045A	BIO MEDICAL ENGINEERING	16	46	3
15BJ1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	40	2
15BJ1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	22	38	2
15BJ1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0435	RT32049	SEMINAR	42	0	1
15BJ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	10	0
15BJ1A0436	RT32042	DIGITAL SIGNAL PROCESSING	23	5	0
15BJ1A0436	RT32043	DIGITAL COMMUNICATIONS	23	7	0
15BJ1A0436	RT32044	MICROWAVE ENGINEERING	19	0	0
15BJ1A0436	RT32045A	BIO MEDICAL ENGINEERING	18	7	0
15BJ1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	42	2
15BJ1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15BJ1A0436	RT32049	SEMINAR	45	0	1
15BJ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	43	3
15BJ1A0437	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15BJ1A0437	RT32043	DIGITAL COMMUNICATIONS	27	48	3
15BJ1A0437	RT32044	MICROWAVE ENGINEERING	24	6	0
15BJ1A0437	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15BJ1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15BJ1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0437	RT32049	SEMINAR	45	0	1
15BJ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	16	0
15BJ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15BJ1A0439	RT32043	DIGITAL COMMUNICATIONS	24	24	3
15BJ1A0439	RT32044	MICROWAVE ENGINEERING	22	43	3
15BJ1A0439	RT32045A	BIO MEDICAL ENGINEERING	14	20	0
15BJ1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15BJ1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0439	RT32049	SEMINAR	42	0	1
15BJ1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	5	0
15BJ1A0440	RT32042	DIGITAL SIGNAL PROCESSING	18	7	0
15BJ1A0440	RT32043	DIGITAL COMMUNICATIONS	25	4	0
15BJ1A0440	RT32044	MICROWAVE ENGINEERING	19	0	0
15BJ1A0440	RT32045A	BIO MEDICAL ENGINEERING	17	35	3
15BJ1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2
15BJ1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15BJ1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15BJ1A0440	RT32049	SEMINAR	45	0	1
15BJ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	25	3
15BJ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15BJ1A0443	RT32043	DIGITAL COMMUNICATIONS	27	37	3
15BJ1A0443	RT32044	MICROWAVE ENGINEERING	22	29	3
15BJ1A0443	RT32045A	BIO MEDICAL ENGINEERING	20	25	3
15BJ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15BJ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15BJ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0443	RT32049	SEMINAR	42	0	1
15BJ1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	27	3
15BJ1A0444	RT32042	DIGITAL SIGNAL PROCESSING	20	5	0
15BJ1A0444	RT32043	DIGITAL COMMUNICATIONS	24	29	3
15BJ1A0444	RT32044	MICROWAVE ENGINEERING	16	4	0
15BJ1A0444	RT32045A	BIO MEDICAL ENGINEERING	14	17	0
15BJ1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15BJ1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BJ1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0444	RT32049	SEMINAR	42	0	1
15BJ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	20	0
15BJ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	21	3	0
15BJ1A0445	RT32043	DIGITAL COMMUNICATIONS	24	16	0
15BJ1A0445	RT32044	MICROWAVE ENGINEERING	21	0	0
15BJ1A0445	RT32045A	BIO MEDICAL ENGINEERING	20	14	0
15BJ1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	39	2
15BJ1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	18	40	2
15BJ1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BJ1A0445	RT32049	SEMINAR	42	0	1
15BJ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	42	3
15BJ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	28	41	3
15BJ1A0446	RT32043	DIGITAL COMMUNICATIONS	19	55	3
15BJ1A0446	RT32044	MICROWAVE ENGINEERING	27	62	3
15BJ1A0446	RT32045A	BIO MEDICAL ENGINEERING	17	39	3
15BJ1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
15BJ1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15BJ1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BJ1A0446	RT32049	SEMINAR	47	0	1
15BJ1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	26	3
15BJ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0449	RT32043	DIGITAL COMMUNICATIONS	28	44	3
15BJ1A0449	RT32044	MICROWAVE ENGINEERING	26	36	3
15BJ1A0449	RT32045A	BIO MEDICAL ENGINEERING	21	42	3
15BJ1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15BJ1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15BJ1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0449	RT32049	SEMINAR	46	0	1
15BJ1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	34	3
15BJ1A0450	RT32042	DIGITAL SIGNAL PROCESSING	18	6	0
15BJ1A0450	RT32043	DIGITAL COMMUNICATIONS	18	16	0
15BJ1A0450	RT32044	MICROWAVE ENGINEERING	18	3	0
15BJ1A0450	RT32045A	BIO MEDICAL ENGINEERING	13	6	0
15BJ1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15BJ1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15BJ1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0450	RT32049	SEMINAR	42	0	1
15BJ1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	5	0
15BJ1A0451	RT32042	DIGITAL SIGNAL PROCESSING	18	11	0
15BJ1A0451	RT32043	DIGITAL COMMUNICATIONS	21	9	0
15BJ1A0451	RT32044	MICROWAVE ENGINEERING	25	2	0
15BJ1A0451	RT32045A	BIO MEDICAL ENGINEERING	20	0	0
15BJ1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	40	2
15BJ1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15BJ1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0451	RT32049	SEMINAR	42	0	1
15BJ1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	25	3
15BJ1A0452	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
15BJ1A0452	RT32043	DIGITAL COMMUNICATIONS	16	11	0
15BJ1A0452	RT32044	MICROWAVE ENGINEERING	21	26	3
15BJ1A0452	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
15BJ1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	40	2
15BJ1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15BJ1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BJ1A0452	RT32049	SEMINAR	42	0	1
15BJ1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	5	0
15BJ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	23	3	0
15BJ1A0454	RT32043	DIGITAL COMMUNICATIONS	23	4	0
15BJ1A0454	RT32044	MICROWAVE ENGINEERING	19	3	0
15BJ1A0454	RT32045A	BIO MEDICAL ENGINEERING	18	13	0
15BJ1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	37	2
15BJ1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15BJ1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BJ1A0454	RT32049	SEMINAR	42	0	1
15BJ1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	33	3
15BJ1A0455	RT32042	DIGITAL SIGNAL PROCESSING	25	25	3
15BJ1A0455	RT32043	DIGITAL COMMUNICATIONS	25	27	3
15BJ1A0455	RT32044	MICROWAVE ENGINEERING	19	8	0
15BJ1A0455	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15BJ1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15BJ1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15BJ1A0455	RT32049	SEMINAR	42	0	1
15BJ1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
15BJ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	28	39	3
15BJ1A0456	RT32043	DIGITAL COMMUNICATIONS	19	29	3
15BJ1A0456	RT32044	MICROWAVE ENGINEERING	25	28	3
15BJ1A0456	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
15BJ1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	48	2
15BJ1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	24	40	2
15BJ1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0456	RT32049	SEMINAR	42	0	1
15BJ1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	2	0
15BJ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	20	6	0
15BJ1A0457	RT32043	DIGITAL COMMUNICATIONS	23	13	0
15BJ1A0457	RT32044	MICROWAVE ENGINEERING	21	8	0
15BJ1A0457	RT32045A	BIO MEDICAL ENGINEERING	17	26	3
15BJ1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	36	2
15BJ1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BJ1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BJ1A0457	RT32049	SEMINAR	42	0	1
15BJ1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	3	0
15BJ1A0458	RT32042	DIGITAL SIGNAL PROCESSING	23	14	0
15BJ1A0458	RT32043	DIGITAL COMMUNICATIONS	24	5	0
15BJ1A0458	RT32044	MICROWAVE ENGINEERING	24	9	0
15BJ1A0458	RT32045A	BIO MEDICAL ENGINEERING	19	12	0
15BJ1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15BJ1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15BJ1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BJ1A0458	RT32049	SEMINAR	44	0	1
15BJ1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	34	3
15BJ1A0459	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15BJ1A0459	RT32043	DIGITAL COMMUNICATIONS	24	57	3
15BJ1A0459	RT32044	MICROWAVE ENGINEERING	27	27	3
15BJ1A0459	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
15BJ1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15BJ1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BJ1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0459	RT32049	SEMINAR	45	0	1
15BJ1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	15	0
15BJ1A0460	RT32042	DIGITAL SIGNAL PROCESSING	24	15	0
15BJ1A0460	RT32043	DIGITAL COMMUNICATIONS	27	35	3
15BJ1A0460	RT32044	MICROWAVE ENGINEERING	22	11	0
15BJ1A0460	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15BJ1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	36	2
15BJ1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	20	38	2
15BJ1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ1A0460	RT32049	SEMINAR	43	0	1
15BJ1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	11	0
15BJ1A0461	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BJ1A0461	RT32043	DIGITAL COMMUNICATIONS	17	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0461	RT32044	MICROWAVE ENGINEERING	18	13	0
15BJ1A0461	RT32045A	BIO MEDICAL ENGINEERING	14	20	0
15BJ1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	39	2
15BJ1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BJ1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	42	2
15BJ1A0461	RT32049	SEMINAR	45	0	1
15BJ1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	31	3
15BJ1A0462	RT32042	DIGITAL SIGNAL PROCESSING	25	32	3
15BJ1A0462	RT32043	DIGITAL COMMUNICATIONS	20	18	0
15BJ1A0462	RT32044	MICROWAVE ENGINEERING	21	17	0
15BJ1A0462	RT32045A	BIO MEDICAL ENGINEERING	20	45	3
15BJ1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BJ1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BJ1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15BJ1A0462	RT32049	SEMINAR	45	0	1
15BJ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	54	3
15BJ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	27	41	3
15BJ1A0463	RT32043	DIGITAL COMMUNICATIONS	24	52	3
15BJ1A0463	RT32044	MICROWAVE ENGINEERING	25	47	3
15BJ1A0463	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
15BJ1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15BJ1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15BJ1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BJ1A0463	RT32049	SEMINAR	49	0	1
15BJ1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	19	0
15BJ1A0464	RT32042	DIGITAL SIGNAL PROCESSING	27	34	3
15BJ1A0464	RT32043	DIGITAL COMMUNICATIONS	26	37	3
15BJ1A0464	RT32044	MICROWAVE ENGINEERING	24	45	3
15BJ1A0464	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15BJ1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15BJ1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15BJ1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0464	RT32049	SEMINAR	48	0	1
15BJ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	28	3
15BJ1A0465	RT32042	DIGITAL SIGNAL PROCESSING	29	41	3
15BJ1A0465	RT32043	DIGITAL COMMUNICATIONS	22	24	3
15BJ1A0465	RT32044	MICROWAVE ENGINEERING	24	38	3
15BJ1A0465	RT32045A	BIO MEDICAL ENGINEERING	22	41	3
15BJ1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15BJ1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15BJ1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ1A0465	RT32049	SEMINAR	45	0	1
15BJ1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	9	0
15BJ1A0466	RT32042	DIGITAL SIGNAL PROCESSING	23	10	0
15BJ1A0466	RT32043	DIGITAL COMMUNICATIONS	24	15	0
15BJ1A0466	RT32044	MICROWAVE ENGINEERING	21	9	0
15BJ1A0466	RT32045A	BIO MEDICAL ENGINEERING	21	12	0
15BJ1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15BJ1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BJ1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0466	RT32049	SEMINAR	45	0	1
15BJ1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	42	3
15BJ1A0467	RT32042	DIGITAL SIGNAL PROCESSING	25	26	3
15BJ1A0467	RT32043	DIGITAL COMMUNICATIONS	25	40	3
15BJ1A0467	RT32044	MICROWAVE ENGINEERING	23	5	0
15BJ1A0467	RT32045A	BIO MEDICAL ENGINEERING	21	34	3
15BJ1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15BJ1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
15BJ1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BJ1A0467	RT32049	SEMINAR	45	0	1
15BJ1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	15	0
15BJ1A0468	RT32042	DIGITAL SIGNAL PROCESSING	21	26	3
15BJ1A0468	RT32043	DIGITAL COMMUNICATIONS	23	29	3
15BJ1A0468	RT32044	MICROWAVE ENGINEERING	22	37	3
15BJ1A0468	RT32045A	BIO MEDICAL ENGINEERING	17	39	3
15BJ1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	38	2
15BJ1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15BJ1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BJ1A0468	RT32049	SEMINAR	43	0	1
15BJ1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	24	3
15BJ1A0469	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15BJ1A0469	RT32043	DIGITAL COMMUNICATIONS	27	10	0
15BJ1A0469	RT32044	MICROWAVE ENGINEERING	22	19	0
15BJ1A0469	RT32045A	BIO MEDICAL ENGINEERING	20	43	3
15BJ1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15BJ1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15BJ1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BJ1A0469	RT32049	SEMINAR	45	0	1
15BJ1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	9	14	0
15BJ1A0470	RT32042	DIGITAL SIGNAL PROCESSING	19	12	0
15BJ1A0470	RT32043	DIGITAL COMMUNICATIONS	15	15	0
15BJ1A0470	RT32044	MICROWAVE ENGINEERING	21	4	0
15BJ1A0470	RT32045A	BIO MEDICAL ENGINEERING	13	25	0
15BJ1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15BJ1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15BJ1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0470	RT32049	SEMINAR	42	0	1
15BJ1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	5	0
15BJ1A0471	RT32042	DIGITAL SIGNAL PROCESSING	21	28	3
15BJ1A0471	RT32043	DIGITAL COMMUNICATIONS	17	32	3
15BJ1A0471	RT32044	MICROWAVE ENGINEERING	17	0	0
15BJ1A0471	RT32045A	BIO MEDICAL ENGINEERING	16	2	0
15BJ1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	30	2
15BJ1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	13	38	2
15BJ1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	13	40	2
15BJ1A0471	RT32049	SEMINAR	40	0	1
15BJ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	28	3
15BJ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	18	25	3
15BJ1A0473	RT32043	DIGITAL COMMUNICATIONS	25	26	3
15BJ1A0473	RT32044	MICROWAVE ENGINEERING	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0473	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
15BJ1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	37	2
15BJ1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15BJ1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15BJ1A0473	RT32049	SEMINAR	42	0	1
15BJ1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	25	3
15BJ1A0474	RT32042	DIGITAL SIGNAL PROCESSING	18	18	0
15BJ1A0474	RT32043	DIGITAL COMMUNICATIONS	23	14	0
15BJ1A0474	RT32044	MICROWAVE ENGINEERING	24	15	0
15BJ1A0474	RT32045A	BIO MEDICAL ENGINEERING	15	27	3
15BJ1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	35	2
15BJ1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15BJ1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15BJ1A0474	RT32049	SEMINAR	45	0	1
15BJ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	34	3
15BJ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
15BJ1A0475	RT32043	DIGITAL COMMUNICATIONS	27	42	3
15BJ1A0475	RT32044	MICROWAVE ENGINEERING	24	30	3
15BJ1A0475	RT32045A	BIO MEDICAL ENGINEERING	21	37	3
15BJ1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15BJ1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15BJ1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15BJ1A0475	RT32049	SEMINAR	42	0	1
15BJ1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	27	3
15BJ1A0485	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15BJ1A0485	RT32043	DIGITAL COMMUNICATIONS	17	42	3
15BJ1A0485	RT32044	MICROWAVE ENGINEERING	23	9	0
15BJ1A0485	RT32045A	BIO MEDICAL ENGINEERING	21	10	0
15BJ1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	46	2
15BJ1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15BJ1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15BJ1A0485	RT32049	SEMINAR	45	0	1
15BJ1A0501	RT32051	SOFTWARE ENGINEERING	8	24	0
15BJ1A0501	RT32052	DATA WARE HOUSING AND MINING	15	30	3
15BJ1A0501	RT32053	COMPUTER NETWORKS	11	10	0
15BJ1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	33	3
15BJ1A0501	RT32055	WEB TECHNOLOGIES	12	28	3
15BJ1A0501	RT32056	IPR AND PATENTS	15	25	2
15BJ1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0501	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0501	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0502	RT32051	SOFTWARE ENGINEERING	25	38	3
15BJ1A0502	RT32052	DATA WARE HOUSING AND MINING	26	16	0
15BJ1A0502	RT32053	COMPUTER NETWORKS	22	28	3
15BJ1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	7	0
15BJ1A0502	RT32055	WEB TECHNOLOGIES	20	31	3
15BJ1A0502	RT32056	IPR AND PATENTS	20	44	2
15BJ1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A0502	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0502	RT32059	WEB TECHNOLOGIES LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0503	RT32051	SOFTWARE ENGINEERING	27	25	3
15BJ1A0503	RT32052	DATA WARE HOUSING AND MINING	25	28	3
15BJ1A0503	RT32053	COMPUTER NETWORKS	27	24	3
15BJ1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	42	3
15BJ1A0503	RT32055	WEB TECHNOLOGIES	29	40	3
15BJ1A0503	RT32056	IPR AND PATENTS	22	51	2
15BJ1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BJ1A0503	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BJ1A0503	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BJ1A0504	RT32051	SOFTWARE ENGINEERING	19	24	3
15BJ1A0504	RT32052	DATA WARE HOUSING AND MINING	23	32	3
15BJ1A0504	RT32053	COMPUTER NETWORKS	21	14	0
15BJ1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	18	0
15BJ1A0504	RT32055	WEB TECHNOLOGIES	22	40	3
15BJ1A0504	RT32056	IPR AND PATENTS	20	24	2
15BJ1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15BJ1A0504	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A0504	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0505	RT32051	SOFTWARE ENGINEERING	27	34	3
15BJ1A0505	RT32052	DATA WARE HOUSING AND MINING	25	46	3
15BJ1A0505	RT32053	COMPUTER NETWORKS	27	49	3
15BJ1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	49	3
15BJ1A0505	RT32055	WEB TECHNOLOGIES	28	38	3
15BJ1A0505	RT32056	IPR AND PATENTS	23	33	2
15BJ1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BJ1A0505	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BJ1A0505	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BJ1A0506	RT32051	SOFTWARE ENGINEERING	23	37	3
15BJ1A0506	RT32052	DATA WARE HOUSING AND MINING	24	28	3
15BJ1A0506	RT32053	COMPUTER NETWORKS	26	37	3
15BJ1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15BJ1A0506	RT32055	WEB TECHNOLOGIES	20	31	3
15BJ1A0506	RT32056	IPR AND PATENTS	19	34	2
15BJ1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0506	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A0506	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BJ1A0507	RT32051	SOFTWARE ENGINEERING	17	2	0
15BJ1A0507	RT32052	DATA WARE HOUSING AND MINING	23	13	0
15BJ1A0507	RT32053	COMPUTER NETWORKS	20	11	0
15BJ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	32	3
15BJ1A0507	RT32055	WEB TECHNOLOGIES	20	10	0
15BJ1A0507	RT32056	IPR AND PATENTS	17	13	0
15BJ1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	36	2
15BJ1A0507	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15BJ1A0507	RT32059	WEB TECHNOLOGIES LAB	20	41	2
15BJ1A0510	RT32051	SOFTWARE ENGINEERING	22	32	3
15BJ1A0510	RT32052	DATA WARE HOUSING AND MINING	22	11	0
15BJ1A0510	RT32053	COMPUTER NETWORKS	24	7	0
15BJ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15BJ1A0510	RT32055	WEB TECHNOLOGIES	21	32	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0510	RT32056	IPR AND PATENTS	20	27	2
15BJ1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ1A0510	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BJ1A0510	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BJ1A0513	RT32051	SOFTWARE ENGINEERING	22	26	3
15BJ1A0513	RT32052	DATA WARE HOUSING AND MINING	22	40	3
15BJ1A0513	RT32053	COMPUTER NETWORKS	19	28	3
15BJ1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	31	3
15BJ1A0513	RT32055	WEB TECHNOLOGIES	22	32	3
15BJ1A0513	RT32056	IPR AND PATENTS	21	24	2
15BJ1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0513	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A0513	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BJ1A0516	RT32051	SOFTWARE ENGINEERING	21	24	3
15BJ1A0516	RT32052	DATA WARE HOUSING AND MINING	19	13	0
15BJ1A0516	RT32053	COMPUTER NETWORKS	20	30	3
15BJ1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	14	0
15BJ1A0516	RT32055	WEB TECHNOLOGIES	20	28	3
15BJ1A0516	RT32056	IPR AND PATENTS	19	40	2
15BJ1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	36	2
15BJ1A0516	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15BJ1A0516	RT32059	WEB TECHNOLOGIES LAB	15	39	2
15BJ1A0517	RT32051	SOFTWARE ENGINEERING	26	34	3
15BJ1A0517	RT32052	DATA WARE HOUSING AND MINING	27	24	3
15BJ1A0517	RT32053	COMPUTER NETWORKS	27	24	3
15BJ1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	40	3
15BJ1A0517	RT32055	WEB TECHNOLOGIES	27	37	3
15BJ1A0517	RT32056	IPR AND PATENTS	19	35	2
15BJ1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15BJ1A0517	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A0517	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15BJ1A0518	RT32051	SOFTWARE ENGINEERING	18	26	3
15BJ1A0518	RT32052	DATA WARE HOUSING AND MINING	20	32	3
15BJ1A0518	RT32053	COMPUTER NETWORKS	20	6	0
15BJ1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
15BJ1A0518	RT32055	WEB TECHNOLOGIES	14	2	0
15BJ1A0518	RT32056	IPR AND PATENTS	18	24	2
15BJ1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	36	2
15BJ1A0518	RT32058	SOFTWARE ENGINEERING LAB	18	38	2
15BJ1A0518	RT32059	WEB TECHNOLOGIES LAB	15	38	2
15BJ1A0519	RT32051	SOFTWARE ENGINEERING	19	18	0
15BJ1A0519	RT32052	DATA WARE HOUSING AND MINING	21	0	0
15BJ1A0519	RT32053	COMPUTER NETWORKS	18	4	0
15BJ1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BJ1A0519	RT32055	WEB TECHNOLOGIES	18	0	0
15BJ1A0519	RT32056	IPR AND PATENTS	20	17	0
15BJ1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	38	2
15BJ1A0519	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15BJ1A0519	RT32059	WEB TECHNOLOGIES LAB	15	38	2
15BJ1A0523	RT32051	SOFTWARE ENGINEERING	26	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0523	RT32052	DATA WARE HOUSING AND MINING	24	27	3
15BJ1A0523	RT32053	COMPUTER NETWORKS	26	36	3
15BJ1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	38	3
15BJ1A0523	RT32055	WEB TECHNOLOGIES	26	29	3
15BJ1A0523	RT32056	IPR AND PATENTS	21	33	2
15BJ1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15BJ1A0523	RT32058	SOFTWARE ENGINEERING LAB	18	44	2
15BJ1A0523	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BJ1A0525	RT32051	SOFTWARE ENGINEERING	22	36	3
15BJ1A0525	RT32052	DATA WARE HOUSING AND MINING	24	25	3
15BJ1A0525	RT32053	COMPUTER NETWORKS	24	24	3
15BJ1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	51	3
15BJ1A0525	RT32055	WEB TECHNOLOGIES	28	38	3
15BJ1A0525	RT32056	IPR AND PATENTS	20	48	2
15BJ1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15BJ1A0525	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0525	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0526	RT32051	SOFTWARE ENGINEERING	19	14	0
15BJ1A0526	RT32052	DATA WARE HOUSING AND MINING	20	13	0
15BJ1A0526	RT32053	COMPUTER NETWORKS	21	6	0
15BJ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	4	0
15BJ1A0526	RT32055	WEB TECHNOLOGIES	16	11	0
15BJ1A0526	RT32056	IPR AND PATENTS	21	26	2
15BJ1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	34	2
15BJ1A0526	RT32058	SOFTWARE ENGINEERING LAB	15	34	2
15BJ1A0526	RT32059	WEB TECHNOLOGIES LAB	15	37	2
15BJ1A0527	RT32051	SOFTWARE ENGINEERING	23	31	3
15BJ1A0527	RT32052	DATA WARE HOUSING AND MINING	20	3	0
15BJ1A0527	RT32053	COMPUTER NETWORKS	24	40	3
15BJ1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	30	3
15BJ1A0527	RT32055	WEB TECHNOLOGIES	22	34	3
15BJ1A0527	RT32056	IPR AND PATENTS	20	29	2
15BJ1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0527	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15BJ1A0527	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0528	RT32051	SOFTWARE ENGINEERING	17	37	3
15BJ1A0528	RT32052	DATA WARE HOUSING AND MINING	20	14	0
15BJ1A0528	RT32053	COMPUTER NETWORKS	23	31	3
15BJ1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15BJ1A0528	RT32055	WEB TECHNOLOGIES	14	31	3
15BJ1A0528	RT32056	IPR AND PATENTS	19	41	2
15BJ1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0528	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0528	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0530	RT32051	SOFTWARE ENGINEERING	19	16	0
15BJ1A0530	RT32052	DATA WARE HOUSING AND MINING	16	13	0
15BJ1A0530	RT32053	COMPUTER NETWORKS	18	11	0
15BJ1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	25	3
15BJ1A0530	RT32055	WEB TECHNOLOGIES	16	12	0
15BJ1A0530	RT32056	IPR AND PATENTS	20	21	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ1A0530	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BJ1A0530	RT32059	WEB TECHNOLOGIES LAB	24	49	2
15BJ1A0531	RT32051	SOFTWARE ENGINEERING	22	19	0
15BJ1A0531	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BJ1A0531	RT32053	COMPUTER NETWORKS	26	10	0
15BJ1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	5	0
15BJ1A0531	RT32055	WEB TECHNOLOGIES	21	34	3
15BJ1A0531	RT32056	IPR AND PATENTS	20	33	2
15BJ1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	34	2
15BJ1A0531	RT32058	SOFTWARE ENGINEERING LAB	15	34	2
15BJ1A0531	RT32059	WEB TECHNOLOGIES LAB	15	37	2
15BJ1A0532	RT32051	SOFTWARE ENGINEERING	18	38	3
15BJ1A0532	RT32052	DATA WARE HOUSING AND MINING	24	0	0
15BJ1A0532	RT32053	COMPUTER NETWORKS	22	28	3
15BJ1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15BJ1A0532	RT32055	WEB TECHNOLOGIES	22	34	3
15BJ1A0532	RT32056	IPR AND PATENTS	21	30	2
15BJ1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0532	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0532	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0533	RT32051	SOFTWARE ENGINEERING	22	35	3
15BJ1A0533	RT32052	DATA WARE HOUSING AND MINING	21	9	0
15BJ1A0533	RT32053	COMPUTER NETWORKS	19	28	3
15BJ1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
15BJ1A0533	RT32055	WEB TECHNOLOGIES	14	7	0
15BJ1A0533	RT32056	IPR AND PATENTS	20	39	2
15BJ1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15BJ1A0533	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A0533	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15BJ1A0534	RT32051	SOFTWARE ENGINEERING	21	34	3
15BJ1A0534	RT32052	DATA WARE HOUSING AND MINING	21	16	0
15BJ1A0534	RT32053	COMPUTER NETWORKS	25	14	0
15BJ1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15BJ1A0534	RT32055	WEB TECHNOLOGIES	27	33	3
15BJ1A0534	RT32056	IPR AND PATENTS	20	43	2
15BJ1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
15BJ1A0534	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A0534	RT32059	WEB TECHNOLOGIES LAB	22	50	2
15BJ1A0535	RT32051	SOFTWARE ENGINEERING	14	26	3
15BJ1A0535	RT32052	DATA WARE HOUSING AND MINING	19	11	0
15BJ1A0535	RT32053	COMPUTER NETWORKS	11	6	0
15BJ1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	7	23	0
15BJ1A0535	RT32055	WEB TECHNOLOGIES	12	8	0
15BJ1A0535	RT32056	IPR AND PATENTS	21	29	2
15BJ1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	34	2
15BJ1A0535	RT32058	SOFTWARE ENGINEERING LAB	17	35	2
15BJ1A0535	RT32059	WEB TECHNOLOGIES LAB	15	32	2
15BJ1A0536	RT32051	SOFTWARE ENGINEERING	21	31	3
15BJ1A0536	RT32052	DATA WARE HOUSING AND MINING	20	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0536	RT32053	COMPUTER NETWORKS	18	32	3
15BJ1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	33	3
15BJ1A0536	RT32055	WEB TECHNOLOGIES	16	16	0
15BJ1A0536	RT32056	IPR AND PATENTS	18	29	2
15BJ1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15BJ1A0536	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BJ1A0536	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BJ1A0539	RT32051	SOFTWARE ENGINEERING	25	35	3
15BJ1A0539	RT32052	DATA WARE HOUSING AND MINING	22	27	3
15BJ1A0539	RT32053	COMPUTER NETWORKS	18	37	3
15BJ1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	39	3
15BJ1A0539	RT32055	WEB TECHNOLOGIES	25	35	3
15BJ1A0539	RT32056	IPR AND PATENTS	20	36	2
15BJ1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BJ1A0539	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BJ1A0539	RT32059	WEB TECHNOLOGIES LAB	23	49	2
15BJ1A0542	RT32051	SOFTWARE ENGINEERING	23	24	3
15BJ1A0542	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15BJ1A0542	RT32053	COMPUTER NETWORKS	24	9	0
15BJ1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	44	3
15BJ1A0542	RT32055	WEB TECHNOLOGIES	23	7	0
15BJ1A0542	RT32056	IPR AND PATENTS	24	13	0
15BJ1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15BJ1A0542	RT32058	SOFTWARE ENGINEERING LAB	17	42	2
15BJ1A0542	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BJ1A0543	RT32051	SOFTWARE ENGINEERING	25	32	3
15BJ1A0543	RT32052	DATA WARE HOUSING AND MINING	19	33	3
15BJ1A0543	RT32053	COMPUTER NETWORKS	21	12	0
15BJ1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	39	3
15BJ1A0543	RT32055	WEB TECHNOLOGIES	18	36	3
15BJ1A0543	RT32056	IPR AND PATENTS	19	31	2
15BJ1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0543	RT32058	SOFTWARE ENGINEERING LAB	17	43	2
15BJ1A0543	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15BJ1A0544	RT32051	SOFTWARE ENGINEERING	23	25	3
15BJ1A0544	RT32052	DATA WARE HOUSING AND MINING	25	44	3
15BJ1A0544	RT32053	COMPUTER NETWORKS	21	34	3
15BJ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15BJ1A0544	RT32055	WEB TECHNOLOGIES	25	30	3
15BJ1A0544	RT32056	IPR AND PATENTS	24	24	2
15BJ1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15BJ1A0544	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A0544	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BJ1A0545	RT32051	SOFTWARE ENGINEERING	15	33	3
15BJ1A0545	RT32052	DATA WARE HOUSING AND MINING	22	17	0
15BJ1A0545	RT32053	COMPUTER NETWORKS	20	33	3
15BJ1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BJ1A0545	RT32055	WEB TECHNOLOGIES	16	34	3
15BJ1A0545	RT32056	IPR AND PATENTS	22	28	2
15BJ1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0545	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A0545	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15BJ1A0546	RT32051	SOFTWARE ENGINEERING	18	16	0
15BJ1A0546	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15BJ1A0546	RT32053	COMPUTER NETWORKS	16	6	0
15BJ1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	26	3
15BJ1A0546	RT32055	WEB TECHNOLOGIES	18	4	0
15BJ1A0546	RT32056	IPR AND PATENTS	20	9	0
15BJ1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BJ1A0546	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0546	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15BJ1A0548	RT32051	SOFTWARE ENGINEERING	17	26	3
15BJ1A0548	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15BJ1A0548	RT32053	COMPUTER NETWORKS	17	4	0
15BJ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	12	0
15BJ1A0548	RT32055	WEB TECHNOLOGIES	14	4	0
15BJ1A0548	RT32056	IPR AND PATENTS	21	27	2
15BJ1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	38	2
15BJ1A0548	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0548	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0549	RT32051	SOFTWARE ENGINEERING	24	44	3
15BJ1A0549	RT32052	DATA WARE HOUSING AND MINING	27	14	0
15BJ1A0549	RT32053	COMPUTER NETWORKS	25	41	3
15BJ1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	45	3
15BJ1A0549	RT32055	WEB TECHNOLOGIES	28	49	3
15BJ1A0549	RT32056	IPR AND PATENTS	23	41	2
15BJ1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A0549	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A0549	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0551	RT32051	SOFTWARE ENGINEERING	20	35	3
15BJ1A0551	RT32052	DATA WARE HOUSING AND MINING	22	17	0
15BJ1A0551	RT32053	COMPUTER NETWORKS	24	48	3
15BJ1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15BJ1A0551	RT32055	WEB TECHNOLOGIES	27	40	3
15BJ1A0551	RT32056	IPR AND PATENTS	24	50	2
15BJ1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BJ1A0551	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BJ1A0551	RT32059	WEB TECHNOLOGIES LAB	22	49	2
15BJ1A0554	RT32051	SOFTWARE ENGINEERING	20	31	3
15BJ1A0554	RT32052	DATA WARE HOUSING AND MINING	16	30	3
15BJ1A0554	RT32053	COMPUTER NETWORKS	18	6	0
15BJ1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	34	3
15BJ1A0554	RT32055	WEB TECHNOLOGIES	15	15	0
15BJ1A0554	RT32056	IPR AND PATENTS	19	38	2
15BJ1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	36	2
15BJ1A0554	RT32058	SOFTWARE ENGINEERING LAB	17	37	2
15BJ1A0554	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15BJ1A0555	RT32051	SOFTWARE ENGINEERING	21	44	3
15BJ1A0555	RT32052	DATA WARE HOUSING AND MINING	26	44	3
15BJ1A0555	RT32053	COMPUTER NETWORKS	22	16	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15BJ1A0555	RT32055	WEB TECHNOLOGIES	28	48	3
15BJ1A0555	RT32056	IPR AND PATENTS	23	35	2
15BJ1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BJ1A0555	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A0555	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15BJ1A0558	RT32051	SOFTWARE ENGINEERING	22	13	0
15BJ1A0558	RT32052	DATA WARE HOUSING AND MINING	23	2	0
15BJ1A0558	RT32053	COMPUTER NETWORKS	17	3	0
15BJ1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	2	0
15BJ1A0558	RT32055	WEB TECHNOLOGIES	18	30	3
15BJ1A0558	RT32056	IPR AND PATENTS	15	-1	0
15BJ1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	36	2
15BJ1A0558	RT32058	SOFTWARE ENGINEERING LAB	15	-1	0
15BJ1A0558	RT32059	WEB TECHNOLOGIES LAB	13	30	2
15BJ1A0559	RT32051	SOFTWARE ENGINEERING	22	40	3
15BJ1A0559	RT32052	DATA WARE HOUSING AND MINING	21	27	3
15BJ1A0559	RT32053	COMPUTER NETWORKS	21	36	3
15BJ1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	32	3
15BJ1A0559	RT32055	WEB TECHNOLOGIES	26	40	3
15BJ1A0559	RT32056	IPR AND PATENTS	22	43	2
15BJ1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	41	2
15BJ1A0559	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A0559	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0560	RT32051	SOFTWARE ENGINEERING	20	24	3
15BJ1A0560	RT32052	DATA WARE HOUSING AND MINING	19	16	0
15BJ1A0560	RT32053	COMPUTER NETWORKS	19	11	0
15BJ1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	25	3
15BJ1A0560	RT32055	WEB TECHNOLOGIES	19	24	3
15BJ1A0560	RT32056	IPR AND PATENTS	15	17	0
15BJ1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15BJ1A0560	RT32058	SOFTWARE ENGINEERING LAB	18	40	2
15BJ1A0560	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15BJ1A0561	RT32051	SOFTWARE ENGINEERING	25	46	3
15BJ1A0561	RT32052	DATA WARE HOUSING AND MINING	27	38	3
15BJ1A0561	RT32053	COMPUTER NETWORKS	20	29	3
15BJ1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	61	3
15BJ1A0561	RT32055	WEB TECHNOLOGIES	22	41	3
15BJ1A0561	RT32056	IPR AND PATENTS	21	40	2
15BJ1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0561	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BJ1A0561	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15BJ1A0562	RT32051	SOFTWARE ENGINEERING	28	27	3
15BJ1A0562	RT32052	DATA WARE HOUSING AND MINING	23	42	3
15BJ1A0562	RT32053	COMPUTER NETWORKS	20	31	3
15BJ1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	41	3
15BJ1A0562	RT32055	WEB TECHNOLOGIES	17	35	3
15BJ1A0562	RT32056	IPR AND PATENTS	23	29	2
15BJ1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A0562	RT32058	SOFTWARE ENGINEERING LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0562	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BJ1A0563	RT32051	SOFTWARE ENGINEERING	25	41	3
15BJ1A0563	RT32052	DATA WARE HOUSING AND MINING	23	32	3
15BJ1A0563	RT32053	COMPUTER NETWORKS	19	24	3
15BJ1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15BJ1A0563	RT32055	WEB TECHNOLOGIES	20	44	3
15BJ1A0563	RT32056	IPR AND PATENTS	24	34	2
15BJ1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15BJ1A0563	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0563	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BJ1A0564	RT32051	SOFTWARE ENGINEERING	25	24	3
15BJ1A0564	RT32052	DATA WARE HOUSING AND MINING	23	17	0
15BJ1A0564	RT32053	COMPUTER NETWORKS	21	24	3
15BJ1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	37	3
15BJ1A0564	RT32055	WEB TECHNOLOGIES	21	24	3
15BJ1A0564	RT32056	IPR AND PATENTS	22	30	2
15BJ1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BJ1A0564	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15BJ1A0564	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BJ1A0565	RT32051	SOFTWARE ENGINEERING	26	48	3
15BJ1A0565	RT32052	DATA WARE HOUSING AND MINING	24	42	3
15BJ1A0565	RT32053	COMPUTER NETWORKS	23	28	3
15BJ1A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	43	3
15BJ1A0565	RT32055	WEB TECHNOLOGIES	21	43	3
15BJ1A0565	RT32056	IPR AND PATENTS	22	44	2
15BJ1A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BJ1A0565	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0565	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0566	RT32051	SOFTWARE ENGINEERING	23	27	3
15BJ1A0566	RT32052	DATA WARE HOUSING AND MINING	20	24	3
15BJ1A0566	RT32053	COMPUTER NETWORKS	21	24	3
15BJ1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
15BJ1A0566	RT32055	WEB TECHNOLOGIES	17	14	0
15BJ1A0566	RT32056	IPR AND PATENTS	17	12	0
15BJ1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
15BJ1A0566	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15BJ1A0566	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BJ1A0567	RT32051	SOFTWARE ENGINEERING	24	35	3
15BJ1A0567	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15BJ1A0567	RT32053	COMPUTER NETWORKS	17	27	3
15BJ1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	26	3
15BJ1A0567	RT32055	WEB TECHNOLOGIES	16	27	3
15BJ1A0567	RT32056	IPR AND PATENTS	22	31	2
15BJ1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A0567	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0567	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BJ1A0568	RT32051	SOFTWARE ENGINEERING	23	0	0
15BJ1A0568	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15BJ1A0568	RT32053	COMPUTER NETWORKS	19	10	0
15BJ1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	25	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0568	RT32055	WEB TECHNOLOGIES	19	10	0
15BJ1A0568	RT32056	IPR AND PATENTS	21	21	0
15BJ1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0568	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A0568	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0569	RT32051	SOFTWARE ENGINEERING	27	36	3
15BJ1A0569	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15BJ1A0569	RT32053	COMPUTER NETWORKS	25	11	0
15BJ1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15BJ1A0569	RT32055	WEB TECHNOLOGIES	24	47	3
15BJ1A0569	RT32056	IPR AND PATENTS	19	36	2
15BJ1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A0569	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0569	RT32059	WEB TECHNOLOGIES LAB	25	47	2
15BJ1A0570	RT32051	SOFTWARE ENGINEERING	22	37	3
15BJ1A0570	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15BJ1A0570	RT32053	COMPUTER NETWORKS	17	10	0
15BJ1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	38	3
15BJ1A0570	RT32055	WEB TECHNOLOGIES	17	35	3
15BJ1A0570	RT32056	IPR AND PATENTS	20	29	2
15BJ1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
15BJ1A0570	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A0570	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15BJ1A0572	RT32051	SOFTWARE ENGINEERING	26	43	3
15BJ1A0572	RT32052	DATA WARE HOUSING AND MINING	26	9	0
15BJ1A0572	RT32053	COMPUTER NETWORKS	23	33	3
15BJ1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	52	3
15BJ1A0572	RT32055	WEB TECHNOLOGIES	23	39	3
15BJ1A0572	RT32056	IPR AND PATENTS	25	48	2
15BJ1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BJ1A0572	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BJ1A0572	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BJ1A0573	RT32051	SOFTWARE ENGINEERING	17	9	0
15BJ1A0573	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15BJ1A0573	RT32053	COMPUTER NETWORKS	22	9	0
15BJ1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	25	3
15BJ1A0573	RT32055	WEB TECHNOLOGIES	19	8	0
15BJ1A0573	RT32056	IPR AND PATENTS	21	30	2
15BJ1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0573	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A0573	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0574	RT32051	SOFTWARE ENGINEERING	22	30	3
15BJ1A0574	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15BJ1A0574	RT32053	COMPUTER NETWORKS	19	11	0
15BJ1A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
15BJ1A0574	RT32055	WEB TECHNOLOGIES	20	24	3
15BJ1A0574	RT32056	IPR AND PATENTS	19	31	2
15BJ1A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15BJ1A0574	RT32058	SOFTWARE ENGINEERING LAB	16	37	2
15BJ1A0574	RT32059	WEB TECHNOLOGIES LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0577	RT32051	SOFTWARE ENGINEERING	21	24	3
15BJ1A0577	RT32052	DATA WARE HOUSING AND MINING	20	25	3
15BJ1A0577	RT32053	COMPUTER NETWORKS	20	12	0
15BJ1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BJ1A0577	RT32055	WEB TECHNOLOGIES	20	25	3
15BJ1A0577	RT32056	IPR AND PATENTS	17	29	2
15BJ1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	37	2
15BJ1A0577	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0577	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BJ1A0579	RT32051	SOFTWARE ENGINEERING	24	40	3
15BJ1A0579	RT32052	DATA WARE HOUSING AND MINING	19	15	0
15BJ1A0579	RT32053	COMPUTER NETWORKS	18	28	3
15BJ1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	27	3
15BJ1A0579	RT32055	WEB TECHNOLOGIES	21	30	3
15BJ1A0579	RT32056	IPR AND PATENTS	21	37	2
15BJ1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0579	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15BJ1A0579	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0581	RT32051	SOFTWARE ENGINEERING	22	0	0
15BJ1A0581	RT32052	DATA WARE HOUSING AND MINING	20	19	0
15BJ1A0581	RT32053	COMPUTER NETWORKS	21	10	0
15BJ1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	10	0
15BJ1A0581	RT32055	WEB TECHNOLOGIES	18	17	0
15BJ1A0581	RT32056	IPR AND PATENTS	19	13	0
15BJ1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	40	2
15BJ1A0581	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15BJ1A0581	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15BJ1A0582	RT32051	SOFTWARE ENGINEERING	23	45	3
15BJ1A0582	RT32052	DATA WARE HOUSING AND MINING	21	25	3
15BJ1A0582	RT32053	COMPUTER NETWORKS	19	16	0
15BJ1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
15BJ1A0582	RT32055	WEB TECHNOLOGIES	19	50	3
15BJ1A0582	RT32056	IPR AND PATENTS	20	33	2
15BJ1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	39	2
15BJ1A0582	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15BJ1A0582	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15BJ1A0583	RT32051	SOFTWARE ENGINEERING	23	36	3
15BJ1A0583	RT32052	DATA WARE HOUSING AND MINING	21	41	3
15BJ1A0583	RT32053	COMPUTER NETWORKS	20	30	3
15BJ1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
15BJ1A0583	RT32055	WEB TECHNOLOGIES	21	38	3
15BJ1A0583	RT32056	IPR AND PATENTS	23	29	2
15BJ1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	34	2
15BJ1A0583	RT32058	SOFTWARE ENGINEERING LAB	16	36	2
15BJ1A0583	RT32059	WEB TECHNOLOGIES LAB	22	36	2
15BJ1A0584	RT32051	SOFTWARE ENGINEERING	23	37	3
15BJ1A0584	RT32052	DATA WARE HOUSING AND MINING	21	16	0
15BJ1A0584	RT32053	COMPUTER NETWORKS	24	32	3
15BJ1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	40	3
15BJ1A0584	RT32055	WEB TECHNOLOGIES	18	43	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0584	RT32056	IPR AND PATENTS	19	38	2
15BJ1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0584	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0584	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BJ1A0585	RT32051	SOFTWARE ENGINEERING	25	0	0
15BJ1A0585	RT32052	DATA WARE HOUSING AND MINING	25	24	3
15BJ1A0585	RT32053	COMPUTER NETWORKS	23	15	0
15BJ1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	41	3
15BJ1A0585	RT32055	WEB TECHNOLOGIES	21	31	3
15BJ1A0585	RT32056	IPR AND PATENTS	21	33	2
15BJ1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BJ1A0585	RT32058	SOFTWARE ENGINEERING LAB	18	41	2
15BJ1A0585	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15BJ1A0587	RT32051	SOFTWARE ENGINEERING	17	26	3
15BJ1A0587	RT32052	DATA WARE HOUSING AND MINING	22	15	0
15BJ1A0587	RT32053	COMPUTER NETWORKS	21	5	0
15BJ1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	9	0
15BJ1A0587	RT32055	WEB TECHNOLOGIES	16	24	3
15BJ1A0587	RT32056	IPR AND PATENTS	19	24	2
15BJ1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
15BJ1A0587	RT32058	SOFTWARE ENGINEERING LAB	17	34	2
15BJ1A0587	RT32059	WEB TECHNOLOGIES LAB	21	30	2
15BJ1A0588	RT32051	SOFTWARE ENGINEERING	21	38	3
15BJ1A0588	RT32052	DATA WARE HOUSING AND MINING	22	37	3
15BJ1A0588	RT32053	COMPUTER NETWORKS	22	40	3
15BJ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	40	3
15BJ1A0588	RT32055	WEB TECHNOLOGIES	18	35	3
15BJ1A0588	RT32056	IPR AND PATENTS	20	24	2
15BJ1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	39	2
15BJ1A0588	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15BJ1A0588	RT32059	WEB TECHNOLOGIES LAB	19	45	2
15BJ1A0589	RT32051	SOFTWARE ENGINEERING	23	37	3
15BJ1A0589	RT32052	DATA WARE HOUSING AND MINING	23	10	0
15BJ1A0589	RT32053	COMPUTER NETWORKS	20	37	3
15BJ1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	33	3
15BJ1A0589	RT32055	WEB TECHNOLOGIES	14	32	3
15BJ1A0589	RT32056	IPR AND PATENTS	19	37	2
15BJ1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0589	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A0589	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15BJ1A0590	RT32051	SOFTWARE ENGINEERING	25	15	0
15BJ1A0590	RT32052	DATA WARE HOUSING AND MINING	26	30	3
15BJ1A0590	RT32053	COMPUTER NETWORKS	24	24	3
15BJ1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	34	3
15BJ1A0590	RT32055	WEB TECHNOLOGIES	14	26	3
15BJ1A0590	RT32056	IPR AND PATENTS	20	34	2
15BJ1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0590	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15BJ1A0590	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A0592	RT32051	SOFTWARE ENGINEERING	23	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0592	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15BJ1A0592	RT32053	COMPUTER NETWORKS	19	5	0
15BJ1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
15BJ1A0592	RT32055	WEB TECHNOLOGIES	19	36	3
15BJ1A0592	RT32056	IPR AND PATENTS	21	43	2
15BJ1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A0592	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A0592	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BJ1A0593	RT32051	SOFTWARE ENGINEERING	23	26	3
15BJ1A0593	RT32052	DATA WARE HOUSING AND MINING	19	25	3
15BJ1A0593	RT32053	COMPUTER NETWORKS	18	29	3
15BJ1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3
15BJ1A0593	RT32055	WEB TECHNOLOGIES	12	11	0
15BJ1A0593	RT32056	IPR AND PATENTS	21	17	0
15BJ1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	36	2
15BJ1A0593	RT32058	SOFTWARE ENGINEERING LAB	16	39	2
15BJ1A0593	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BJ1A0595	RT32051	SOFTWARE ENGINEERING	16	29	3
15BJ1A0595	RT32052	DATA WARE HOUSING AND MINING	18	7	0
15BJ1A0595	RT32053	COMPUTER NETWORKS	18	24	3
15BJ1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	2	0
15BJ1A0595	RT32055	WEB TECHNOLOGIES	16	14	0
15BJ1A0595	RT32056	IPR AND PATENTS	19	33	2
15BJ1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	37	2
15BJ1A0595	RT32058	SOFTWARE ENGINEERING LAB	16	35	2
15BJ1A0595	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15BJ1A0596	RT32051	SOFTWARE ENGINEERING	21	0	0
15BJ1A0596	RT32052	DATA WARE HOUSING AND MINING	16	17	0
15BJ1A0596	RT32053	COMPUTER NETWORKS	19	8	0
15BJ1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	29	3
15BJ1A0596	RT32055	WEB TECHNOLOGIES	16	15	0
15BJ1A0596	RT32056	IPR AND PATENTS	22	34	2
15BJ1A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ1A0596	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ1A0596	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15BJ1A0597	RT32051	SOFTWARE ENGINEERING	18	13	0
15BJ1A0597	RT32052	DATA WARE HOUSING AND MINING	12	3	0
15BJ1A0597	RT32053	COMPUTER NETWORKS	14	0	0
15BJ1A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	7	8	0
15BJ1A0597	RT32055	WEB TECHNOLOGIES	8	11	0
15BJ1A0597	RT32056	IPR AND PATENTS	19	32	2
15BJ1A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	37	2
15BJ1A0597	RT32058	SOFTWARE ENGINEERING LAB	16	33	2
15BJ1A0597	RT32059	WEB TECHNOLOGIES LAB	14	30	2
15BJ1A0598	RT32051	SOFTWARE ENGINEERING	21	31	3
15BJ1A0598	RT32052	DATA WARE HOUSING AND MINING	20	24	3
15BJ1A0598	RT32053	COMPUTER NETWORKS	18	26	3
15BJ1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15BJ1A0598	RT32055	WEB TECHNOLOGIES	20	26	3
15BJ1A0598	RT32056	IPR AND PATENTS	22	28	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A0598	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15BJ1A0598	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15BJ1A05A2	RT32051	SOFTWARE ENGINEERING	20	37	3
15BJ1A05A2	RT32052	DATA WARE HOUSING AND MINING	20	16	0
15BJ1A05A2	RT32053	COMPUTER NETWORKS	20	32	3
15BJ1A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	38	3
15BJ1A05A2	RT32055	WEB TECHNOLOGIES	19	37	3
15BJ1A05A2	RT32056	IPR AND PATENTS	23	30	2
15BJ1A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ1A05A2	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15BJ1A05A2	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A05A3	RT32051	SOFTWARE ENGINEERING	23	9	0
15BJ1A05A3	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15BJ1A05A3	RT32053	COMPUTER NETWORKS	19	16	0
15BJ1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	40	3
15BJ1A05A3	RT32055	WEB TECHNOLOGIES	19	29	3
15BJ1A05A3	RT32056	IPR AND PATENTS	21	24	2
15BJ1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15BJ1A05A3	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A05A3	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15BJ1A05A4	RT32051	SOFTWARE ENGINEERING	17	31	3
15BJ1A05A4	RT32052	DATA WARE HOUSING AND MINING	20	9	0
15BJ1A05A4	RT32053	COMPUTER NETWORKS	16	12	0
15BJ1A05A4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	11	0
15BJ1A05A4	RT32055	WEB TECHNOLOGIES	10	30	3
15BJ1A05A4	RT32056	IPR AND PATENTS	19	32	2
15BJ1A05A4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ1A05A4	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A05A4	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BJ1A05A5	RT32051	SOFTWARE ENGINEERING	22	43	3
15BJ1A05A5	RT32052	DATA WARE HOUSING AND MINING	18	42	3
15BJ1A05A5	RT32053	COMPUTER NETWORKS	18	7	0
15BJ1A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	30	3
15BJ1A05A5	RT32055	WEB TECHNOLOGIES	14	32	3
15BJ1A05A5	RT32056	IPR AND PATENTS	21	29	2
15BJ1A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	35	2
15BJ1A05A5	RT32058	SOFTWARE ENGINEERING LAB	17	38	2
15BJ1A05A5	RT32059	WEB TECHNOLOGIES LAB	18	39	2
15BJ1A05A6	RT32051	SOFTWARE ENGINEERING	20	31	3
15BJ1A05A6	RT32052	DATA WARE HOUSING AND MINING	20	30	3
15BJ1A05A6	RT32053	COMPUTER NETWORKS	19	29	3
15BJ1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	29	3
15BJ1A05A6	RT32055	WEB TECHNOLOGIES	19	28	3
15BJ1A05A6	RT32056	IPR AND PATENTS	22	31	2
15BJ1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A05A6	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15BJ1A05A6	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15BJ1A05A7	RT32051	SOFTWARE ENGINEERING	20	24	3
15BJ1A05A7	RT32052	DATA WARE HOUSING AND MINING	18	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05A7	RT32053	COMPUTER NETWORKS	22	24	3
15BJ1A05A7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	39	3
15BJ1A05A7	RT32055	WEB TECHNOLOGIES	15	29	3
15BJ1A05A7	RT32056	IPR AND PATENTS	20	33	2
15BJ1A05A7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	39	2
15BJ1A05A7	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15BJ1A05A7	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15BJ1A05A9	RT32051	SOFTWARE ENGINEERING	22	31	3
15BJ1A05A9	RT32052	DATA WARE HOUSING AND MINING	24	29	3
15BJ1A05A9	RT32053	COMPUTER NETWORKS	21	9	0
15BJ1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BJ1A05A9	RT32055	WEB TECHNOLOGIES	17	35	3
15BJ1A05A9	RT32056	IPR AND PATENTS	22	35	2
15BJ1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A05A9	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
15BJ1A05A9	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BJ1A05B0	RT32051	SOFTWARE ENGINEERING	24	26	3
15BJ1A05B0	RT32052	DATA WARE HOUSING AND MINING	23	28	3
15BJ1A05B0	RT32053	COMPUTER NETWORKS	24	29	3
15BJ1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	31	3
15BJ1A05B0	RT32055	WEB TECHNOLOGIES	17	29	3
15BJ1A05B0	RT32056	IPR AND PATENTS	22	24	2
15BJ1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15BJ1A05B0	RT32058	SOFTWARE ENGINEERING LAB	17	42	2
15BJ1A05B0	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BJ1A05B1	RT32051	SOFTWARE ENGINEERING	24	43	3
15BJ1A05B1	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15BJ1A05B1	RT32053	COMPUTER NETWORKS	22	46	3
15BJ1A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	53	3
15BJ1A05B1	RT32055	WEB TECHNOLOGIES	21	56	3
15BJ1A05B1	RT32056	IPR AND PATENTS	20	49	2
15BJ1A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
15BJ1A05B1	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
15BJ1A05B1	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BJ1A05B3	RT32051	SOFTWARE ENGINEERING	21	12	0
15BJ1A05B3	RT32052	DATA WARE HOUSING AND MINING	21	32	3
15BJ1A05B3	RT32053	COMPUTER NETWORKS	19	17	0
15BJ1A05B3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	32	3
15BJ1A05B3	RT32055	WEB TECHNOLOGIES	14	33	3
15BJ1A05B3	RT32056	IPR AND PATENTS	19	33	2
15BJ1A05B3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15BJ1A05B3	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15BJ1A05B3	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15BJ1A05B4	RT32051	SOFTWARE ENGINEERING	22	26	3
15BJ1A05B4	RT32052	DATA WARE HOUSING AND MINING	19	14	0
15BJ1A05B4	RT32053	COMPUTER NETWORKS	19	24	3
15BJ1A05B4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	25	3
15BJ1A05B4	RT32055	WEB TECHNOLOGIES	13	28	3
15BJ1A05B4	RT32056	IPR AND PATENTS	19	34	2
15BJ1A05B4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05B4	RT32058	SOFTWARE ENGINEERING LAB	18	42	2
15BJ1A05B4	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BJ1A05B5	RT32051	SOFTWARE ENGINEERING	15	17	0
15BJ1A05B5	RT32052	DATA WARE HOUSING AND MINING	20	11	0
15BJ1A05B5	RT32053	COMPUTER NETWORKS	18	4	0
15BJ1A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	5	0
15BJ1A05B5	RT32055	WEB TECHNOLOGIES	17	17	0
15BJ1A05B5	RT32056	IPR AND PATENTS	20	29	2
15BJ1A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15BJ1A05B5	RT32058	SOFTWARE ENGINEERING LAB	16	37	2
15BJ1A05B5	RT32059	WEB TECHNOLOGIES LAB	14	37	2
15BJ1A05B7	RT32051	SOFTWARE ENGINEERING	20	31	3
15BJ1A05B7	RT32052	DATA WARE HOUSING AND MINING	16	27	3
15BJ1A05B7	RT32053	COMPUTER NETWORKS	21	31	3
15BJ1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	27	3
15BJ1A05B7	RT32055	WEB TECHNOLOGIES	16	28	3
15BJ1A05B7	RT32056	IPR AND PATENTS	19	34	2
15BJ1A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BJ1A05B7	RT32058	SOFTWARE ENGINEERING LAB	18	43	2
15BJ1A05B7	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BJ1A05B9	RT32051	SOFTWARE ENGINEERING	7	9	0
15BJ1A05B9	RT32052	DATA WARE HOUSING AND MINING	16	-1	0
15BJ1A05B9	RT32053	COMPUTER NETWORKS	9	3	0
15BJ1A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	-1	0
15BJ1A05B9	RT32055	WEB TECHNOLOGIES	9	-1	0
15BJ1A05B9	RT32056	IPR AND PATENTS	6	-1	0
15BJ1A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	-1	0
15BJ1A05B9	RT32058	SOFTWARE ENGINEERING LAB	16	-1	0
15BJ1A05B9	RT32059	WEB TECHNOLOGIES LAB	14	-1	0
15BJ1A05C2	RT32051	SOFTWARE ENGINEERING	26	44	3
15BJ1A05C2	RT32052	DATA WARE HOUSING AND MINING	27	26	3
15BJ1A05C2	RT32053	COMPUTER NETWORKS	25	36	3
15BJ1A05C2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
15BJ1A05C2	RT32055	WEB TECHNOLOGIES	23	50	3
15BJ1A05C2	RT32056	IPR AND PATENTS	24	42	2
15BJ1A05C2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ1A05C2	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15BJ1A05C2	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15BJ1A05C3	RT32051	SOFTWARE ENGINEERING	20	42	3
15BJ1A05C3	RT32052	DATA WARE HOUSING AND MINING	21	40	3
15BJ1A05C3	RT32053	COMPUTER NETWORKS	22	45	3
15BJ1A05C3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15BJ1A05C3	RT32055	WEB TECHNOLOGIES	20	39	3
15BJ1A05C3	RT32056	IPR AND PATENTS	21	24	2
15BJ1A05C3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15BJ1A05C3	RT32058	SOFTWARE ENGINEERING LAB	18	41	2
15BJ1A05C3	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BJ1A05C7	RT32051	SOFTWARE ENGINEERING	15	31	3
15BJ1A05C7	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15BJ1A05C7	RT32053	COMPUTER NETWORKS	18	3	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05C7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	27	3
15BJ1A05C7	RT32055	WEB TECHNOLOGIES	16	28	3
15BJ1A05C7	RT32056	IPR AND PATENTS	18	32	2
15BJ1A05C7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	37	2
15BJ1A05C7	RT32058	SOFTWARE ENGINEERING LAB	17	40	2
15BJ1A05C7	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15BJ1A05C9	RT32051	SOFTWARE ENGINEERING	20	15	0
15BJ1A05C9	RT32052	DATA WARE HOUSING AND MINING	19	26	3
15BJ1A05C9	RT32053	COMPUTER NETWORKS	20	26	3
15BJ1A05C9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	36	3
15BJ1A05C9	RT32055	WEB TECHNOLOGIES	18	30	3
15BJ1A05C9	RT32056	IPR AND PATENTS	21	43	2
15BJ1A05C9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15BJ1A05C9	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15BJ1A05C9	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BJ1A05D0	RT32051	SOFTWARE ENGINEERING	17	34	3
15BJ1A05D0	RT32052	DATA WARE HOUSING AND MINING	21	14	0
15BJ1A05D0	RT32053	COMPUTER NETWORKS	11	11	0
15BJ1A05D0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	12	0
15BJ1A05D0	RT32055	WEB TECHNOLOGIES	9	19	0
15BJ1A05D0	RT32056	IPR AND PATENTS	18	31	2
15BJ1A05D0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	30	2
15BJ1A05D0	RT32058	SOFTWARE ENGINEERING LAB	16	32	2
15BJ1A05D0	RT32059	WEB TECHNOLOGIES LAB	14	30	2
15BJ1A05D2	RT32051	SOFTWARE ENGINEERING	24	29	3
15BJ1A05D2	RT32052	DATA WARE HOUSING AND MINING	18	27	3
15BJ1A05D2	RT32053	COMPUTER NETWORKS	22	10	0
15BJ1A05D2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	24	3
15BJ1A05D2	RT32055	WEB TECHNOLOGIES	13	28	3
15BJ1A05D2	RT32056	IPR AND PATENTS	22	29	2
15BJ1A05D2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	37	2
15BJ1A05D2	RT32058	SOFTWARE ENGINEERING LAB	17	39	2
15BJ1A05D2	RT32059	WEB TECHNOLOGIES LAB	18	39	2
15BJ5A0108	RT32012	GEOTECHNICAL ENGINEERING II	16	15	0
15BJ5A0109	RT32015	TRANSPORTATION ENGINEERING II	20	40	3
15BJ5A0116	RT32012	GEOTECHNICAL ENGINEERING II	13	-1	0
15BJ5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
15BJ5A0117	RT32012	GEOTECHNICAL ENGINEERING II	5	5	0
15BJ5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	9	0
15BJ5A0117	RT32014	WATER RESOURCES ENGINEERING I	3	28	0
15BJ5A0117	RT32015	TRANSPORTATION ENGINEERING II	5	20	0
15BJ5A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
15BJ5A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
15BJ5A0117	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
15BJ5A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	34	3
15BJ5A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	30	3
15BJ5A0119	RT32015	TRANSPORTATION ENGINEERING II	20	6	0
15BJ5A0121	RT32012	GEOTECHNICAL ENGINEERING II	15	-1	0
15BJ5A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	18	0
15BJ5A0121	RT32015	TRANSPORTATION ENGINEERING II	19	8	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0202	RT32025	MANAGEMENT SCIENCE	28	51	3
15BJ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	39	3
15BJ5A0203	RT32022	SWITCHGEAR AND PROTECTION	16	0	0
15BJ5A0203	RT32024	POWER SYSTEM ANALYSIS	24	4	0
15BJ5A0203	RT32025	MANAGEMENT SCIENCE	25	29	3
15BJ5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	24	22	0
15BJ5A0216	RT32022	SWITCHGEAR AND PROTECTION	18	12	0
15BJ5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	26	3
15BJ5A0216	RT32024	POWER SYSTEM ANALYSIS	22	11	0
15BJ5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	24	3
15BJ5A0217	RT32022	SWITCHGEAR AND PROTECTION	21	25	3
15BJ5A0217	RT32024	POWER SYSTEM ANALYSIS	26	14	0
15BJ5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	16	21	0
15BJ5A0305	RT32034	ROBOTICS	27	15	0
15BJ5A0306	RT32031	OPERATIONS RESEARCH	13	5	0
15BJ5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	0	0
15BJ5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	12	6	0
15BJ5A0306	RT32034	ROBOTICS	0	0	0
15BJ5A0306	RT32035	HEAT TRANSFER	22	0	0
15BJ5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	20	13	0
15BJ5A0309	RT32035	HEAT TRANSFER	24	32	3
15BJ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	29	3
15BJ5A0312	RT32035	HEAT TRANSFER	22	14	0
15BJ5A0321	RT32035	HEAT TRANSFER	20	22	0
15BJ5A0329	RT32034	ROBOTICS	27	30	3
15BJ5A0329	RT32035	HEAT TRANSFER	16	44	3
15BJ5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	36	3
15BJ5A0330	RT32035	HEAT TRANSFER	24	40	3
15BJ5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
15BJ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	18	0	0
15BJ5A0405	RT32043	DIGITAL COMMUNICATIONS	24	2	0
15BJ5A0405	RT32045A	BIO MEDICAL ENGINEERING	20	5	0
15BJ5A0408	RT32043	DIGITAL COMMUNICATIONS	26	13	0
15BJ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	21	37	3
15BJ5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	31	3
15BJ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	17	14	0
15BJ5A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	15	0
15BJ5A0417	RT32042	DIGITAL SIGNAL PROCESSING	23	26	3
15BJ5A0417	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
15BJ5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	26	3
15BJ5A0418	RT32043	DIGITAL COMMUNICATIONS	22	24	3
15BJ5A0501	RT32052	DATA WARE HOUSING AND MINING	25	18	0
15BJ5A0505	RT32051	SOFTWARE ENGINEERING	23	36	3
16BJ5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	25	45	3
16BJ5A0101	RT32012	GEOTECHNICAL ENGINEERING II	28	37	3
16BJ5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	57	3
16BJ5A0101	RT32014	WATER RESOURCES ENGINEERING I	21	39	3
16BJ5A0101	RT32015	TRANSPORTATION ENGINEERING II	27	46	3
16BJ5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	42	3
16BJ5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	69	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
16BJ5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
16BJ5A0102	RT32012	GEOTECHNICAL ENGINEERING II	3	-1	0
16BJ5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
16BJ5A0102	RT32014	WATER RESOURCES ENGINEERING I	3	-1	0
16BJ5A0102	RT32015	TRANSPORTATION ENGINEERING II	4	-1	0
16BJ5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	-1	0
16BJ5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	10	-1	0
16BJ5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
16BJ5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	21	28	3
16BJ5A0103	RT32012	GEOTECHNICAL ENGINEERING II	23	10	0
16BJ5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	42	3
16BJ5A0103	RT32014	WATER RESOURCES ENGINEERING I	22	24	3
16BJ5A0103	RT32015	TRANSPORTATION ENGINEERING II	26	55	3
16BJ5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	30	3
16BJ5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
16BJ5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
16BJ5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	23	27	3
16BJ5A0104	RT32012	GEOTECHNICAL ENGINEERING II	21	36	3
16BJ5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	30	3
16BJ5A0104	RT32014	WATER RESOURCES ENGINEERING I	25	26	3
16BJ5A0104	RT32015	TRANSPORTATION ENGINEERING II	27	49	3
16BJ5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	39	3
16BJ5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
16BJ5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
16BJ5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	18	32	3
16BJ5A0105	RT32012	GEOTECHNICAL ENGINEERING II	15	36	3
16BJ5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	51	3
16BJ5A0105	RT32014	WATER RESOURCES ENGINEERING I	23	32	3
16BJ5A0105	RT32015	TRANSPORTATION ENGINEERING II	26	53	3
16BJ5A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	31	3
16BJ5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
16BJ5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
16BJ5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	16	24	3
16BJ5A0106	RT32012	GEOTECHNICAL ENGINEERING II	14	26	3
16BJ5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	31	3
16BJ5A0106	RT32014	WATER RESOURCES ENGINEERING I	23	24	3
16BJ5A0106	RT32015	TRANSPORTATION ENGINEERING II	17	24	3
16BJ5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	14	0
16BJ5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BJ5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	18	44	2
16BJ5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	19	25	3
16BJ5A0108	RT32012	GEOTECHNICAL ENGINEERING II	20	8	0
16BJ5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	14	0
16BJ5A0108	RT32014	WATER RESOURCES ENGINEERING I	21	14	0
16BJ5A0108	RT32015	TRANSPORTATION ENGINEERING II	27	41	3
16BJ5A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	30	3
16BJ5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
16BJ5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	17	44	2
16BJ5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	2	-1	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0109	RT32012	GEOTECHNICAL ENGINEERING II	2	-1	0
16BJ5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	0	-1	0
16BJ5A0109	RT32014	WATER RESOURCES ENGINEERING I	3	-1	0
16BJ5A0109	RT32015	TRANSPORTATION ENGINEERING II	4	-1	0
16BJ5A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	3	-1	0
16BJ5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	0	-1	0
16BJ5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
16BJ5A0110	RT32011	ENVIRONMENTAL ENGINEERING I	20	33	3
16BJ5A0110	RT32012	GEOTECHNICAL ENGINEERING II	19	32	3
16BJ5A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	46	3
16BJ5A0110	RT32014	WATER RESOURCES ENGINEERING I	19	33	3
16BJ5A0110	RT32015	TRANSPORTATION ENGINEERING II	19	52	3
16BJ5A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	40	3
16BJ5A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
16BJ5A0110	RT32018	TRANSPORTATION ENGINEERING LAB	17	46	2
16BJ5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	25	33	3
16BJ5A0111	RT32012	GEOTECHNICAL ENGINEERING II	21	36	3
16BJ5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	34	3
16BJ5A0111	RT32014	WATER RESOURCES ENGINEERING I	23	36	3
16BJ5A0111	RT32015	TRANSPORTATION ENGINEERING II	27	31	3
16BJ5A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	27	3
16BJ5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
16BJ5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
16BJ5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	24	29	3
16BJ5A0112	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
16BJ5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	28	3
16BJ5A0112	RT32014	WATER RESOURCES ENGINEERING I	21	28	3
16BJ5A0112	RT32015	TRANSPORTATION ENGINEERING II	22	48	3
16BJ5A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	32	3
16BJ5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BJ5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
16BJ5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	4	26	0
16BJ5A0117	RT32012	GEOTECHNICAL ENGINEERING II	15	25	3
16BJ5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
16BJ5A0117	RT32014	WATER RESOURCES ENGINEERING I	15	31	3
16BJ5A0117	RT32015	TRANSPORTATION ENGINEERING II	16	36	3
16BJ5A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	38	3
16BJ5A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	15	62	2
16BJ5A0117	RT32018	TRANSPORTATION ENGINEERING LAB	12	45	2
16BJ5A0119	RT32011	ENVIRONMENTAL ENGINEERING I	22	32	3
16BJ5A0119	RT32012	GEOTECHNICAL ENGINEERING II	18	11	0
16BJ5A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	31	3
16BJ5A0119	RT32014	WATER RESOURCES ENGINEERING I	18	15	0
16BJ5A0119	RT32015	TRANSPORTATION ENGINEERING II	18	37	3
16BJ5A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	28	3
16BJ5A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	63	2
16BJ5A0119	RT32018	TRANSPORTATION ENGINEERING LAB	17	44	2
16BJ5A0120	RT32011	ENVIRONMENTAL ENGINEERING I	22	11	0
16BJ5A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	29	3
16BJ5A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	36	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0120	RT32014	WATER RESOURCES ENGINEERING I	18	13	0
16BJ5A0120	RT32015	TRANSPORTATION ENGINEERING II	20	35	3
16BJ5A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	24	3
16BJ5A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
16BJ5A0120	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
16BJ5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	48	3
16BJ5A0201	RT32022	SWITCHGEAR AND PROTECTION	21	24	3
16BJ5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	28	3
16BJ5A0201	RT32024	POWER SYSTEM ANALYSIS	21	30	3
16BJ5A0201	RT32025	MANAGEMENT SCIENCE	21	48	3
16BJ5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	20	24	3
16BJ5A0201	RT32027	POWER ELECTRONICS LAB	18	35	2
16BJ5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	19	35	2
16BJ5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	28	3
16BJ5A0202	RT32022	SWITCHGEAR AND PROTECTION	24	24	3
16BJ5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	44	3
16BJ5A0202	RT32024	POWER SYSTEM ANALYSIS	22	15	0
16BJ5A0202	RT32025	MANAGEMENT SCIENCE	26	47	3
16BJ5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	25	10	0
16BJ5A0202	RT32027	POWER ELECTRONICS LAB	24	47	2
16BJ5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
16BJ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	70	3
16BJ5A0203	RT32022	SWITCHGEAR AND PROTECTION	26	43	3
16BJ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	39	3
16BJ5A0203	RT32024	POWER SYSTEM ANALYSIS	27	26	3
16BJ5A0203	RT32025	MANAGEMENT SCIENCE	28	47	3
16BJ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	51	3
16BJ5A0203	RT32027	POWER ELECTRONICS LAB	25	48	2
16BJ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16BJ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	41	3
16BJ5A0204	RT32022	SWITCHGEAR AND PROTECTION	21	34	3
16BJ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	38	3
16BJ5A0204	RT32024	POWER SYSTEM ANALYSIS	24	26	3
16BJ5A0204	RT32025	MANAGEMENT SCIENCE	25	49	3
16BJ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	24	30	3
16BJ5A0204	RT32027	POWER ELECTRONICS LAB	23	45	2
16BJ5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
16BJ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	28	3
16BJ5A0205	RT32022	SWITCHGEAR AND PROTECTION	25	43	3
16BJ5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	26	3
16BJ5A0205	RT32024	POWER SYSTEM ANALYSIS	27	31	3
16BJ5A0205	RT32025	MANAGEMENT SCIENCE	25	39	3
16BJ5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	26	14	0
16BJ5A0205	RT32027	POWER ELECTRONICS LAB	23	45	2
16BJ5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
16BJ5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3
16BJ5A0206	RT32022	SWITCHGEAR AND PROTECTION	23	30	3
16BJ5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	29	3
16BJ5A0206	RT32024	POWER SYSTEM ANALYSIS	20	14	0
16BJ5A0206	RT32025	MANAGEMENT SCIENCE	26	46	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	25	31	3
16BJ5A0206	RT32027	POWER ELECTRONICS LAB	22	45	2
16BJ5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
16BJ5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	56	3
16BJ5A0207	RT32022	SWITCHGEAR AND PROTECTION	26	49	3
16BJ5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	36	3
16BJ5A0207	RT32024	POWER SYSTEM ANALYSIS	25	31	3
16BJ5A0207	RT32025	MANAGEMENT SCIENCE	26	55	3
16BJ5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	27	40	3
16BJ5A0207	RT32027	POWER ELECTRONICS LAB	25	48	2
16BJ5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16BJ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
16BJ5A0208	RT32022	SWITCHGEAR AND PROTECTION	24	29	3
16BJ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	35	3
16BJ5A0208	RT32024	POWER SYSTEM ANALYSIS	25	13	0
16BJ5A0208	RT32025	MANAGEMENT SCIENCE	22	-1	0
16BJ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	18	33	3
16BJ5A0208	RT32027	POWER ELECTRONICS LAB	24	46	2
16BJ5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
16BJ5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	54	3
16BJ5A0209	RT32022	SWITCHGEAR AND PROTECTION	25	43	3
16BJ5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	43	3
16BJ5A0209	RT32024	POWER SYSTEM ANALYSIS	29	38	3
16BJ5A0209	RT32025	MANAGEMENT SCIENCE	27	39	3
16BJ5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	26	29	3
16BJ5A0209	RT32027	POWER ELECTRONICS LAB	24	46	2
16BJ5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
16BJ5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
16BJ5A0210	RT32022	SWITCHGEAR AND PROTECTION	24	4	0
16BJ5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	39	3
16BJ5A0210	RT32024	POWER SYSTEM ANALYSIS	23	6	0
16BJ5A0210	RT32025	MANAGEMENT SCIENCE	22	40	3
16BJ5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	20	11	0
16BJ5A0210	RT32027	POWER ELECTRONICS LAB	25	48	2
16BJ5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
16BJ5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	31	3
16BJ5A0211	RT32022	SWITCHGEAR AND PROTECTION	23	46	3
16BJ5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
16BJ5A0211	RT32024	POWER SYSTEM ANALYSIS	17	3	0
16BJ5A0211	RT32025	MANAGEMENT SCIENCE	21	36	3
16BJ5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	19	32	3
16BJ5A0211	RT32027	POWER ELECTRONICS LAB	24	45	2
16BJ5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
16BJ5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	19	0
16BJ5A0212	RT32022	SWITCHGEAR AND PROTECTION	23	25	3
16BJ5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	31	3
16BJ5A0212	RT32024	POWER SYSTEM ANALYSIS	14	12	0
16BJ5A0212	RT32025	MANAGEMENT SCIENCE	27	47	3
16BJ5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	14	26	3
16BJ5A0212	RT32027	POWER ELECTRONICS LAB	16	35	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	16	35	2
16BJ5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	32	3
16BJ5A0213	RT32022	SWITCHGEAR AND PROTECTION	25	28	3
16BJ5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	34	3
16BJ5A0213	RT32024	POWER SYSTEM ANALYSIS	19	44	3
16BJ5A0213	RT32025	MANAGEMENT SCIENCE	23	42	3
16BJ5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	25	24	3
16BJ5A0213	RT32027	POWER ELECTRONICS LAB	21	43	2
16BJ5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	20	43	2
16BJ5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	39	3
16BJ5A0214	RT32022	SWITCHGEAR AND PROTECTION	27	31	3
16BJ5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	34	3
16BJ5A0214	RT32024	POWER SYSTEM ANALYSIS	27	37	3
16BJ5A0214	RT32025	MANAGEMENT SCIENCE	27	49	3
16BJ5A0214	RT32026	POWER SEMICONDUCTOR DRIVES	28	34	3
16BJ5A0214	RT32027	POWER ELECTRONICS LAB	25	48	2
16BJ5A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
16BJ5A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	31	3
16BJ5A0215	RT32022	SWITCHGEAR AND PROTECTION	21	38	3
16BJ5A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	24	3
16BJ5A0215	RT32024	POWER SYSTEM ANALYSIS	21	16	0
16BJ5A0215	RT32025	MANAGEMENT SCIENCE	19	16	0
16BJ5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	22	19	0
16BJ5A0215	RT32027	POWER ELECTRONICS LAB	20	43	2
16BJ5A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
16BJ5A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
16BJ5A0216	RT32022	SWITCHGEAR AND PROTECTION	24	46	3
16BJ5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	38	3
16BJ5A0216	RT32024	POWER SYSTEM ANALYSIS	22	24	3
16BJ5A0216	RT32025	MANAGEMENT SCIENCE	26	45	3
16BJ5A0216	RT32026	POWER SEMICONDUCTOR DRIVES	18	30	3
16BJ5A0216	RT32027	POWER ELECTRONICS LAB	21	43	2
16BJ5A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
16BJ5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	37	3
16BJ5A0217	RT32022	SWITCHGEAR AND PROTECTION	26	48	3
16BJ5A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	45	3
16BJ5A0217	RT32024	POWER SYSTEM ANALYSIS	25	43	3
16BJ5A0217	RT32025	MANAGEMENT SCIENCE	28	42	3
16BJ5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	27	30	3
16BJ5A0217	RT32027	POWER ELECTRONICS LAB	23	48	2
16BJ5A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
16BJ5A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
16BJ5A0218	RT32022	SWITCHGEAR AND PROTECTION	23	41	3
16BJ5A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	37	3
16BJ5A0218	RT32024	POWER SYSTEM ANALYSIS	27	38	3
16BJ5A0218	RT32025	MANAGEMENT SCIENCE	27	40	3
16BJ5A0218	RT32026	POWER SEMICONDUCTOR DRIVES	21	36	3
16BJ5A0218	RT32027	POWER ELECTRONICS LAB	23	48	2
16BJ5A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	21	45	2
16BJ5A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	59	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0219	RT32022	SWITCHGEAR AND PROTECTION	19	10	0
16BJ5A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	17	0
16BJ5A0219	RT32024	POWER SYSTEM ANALYSIS	20	25	3
16BJ5A0219	RT32025	MANAGEMENT SCIENCE	22	7	0
16BJ5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	10	31	3
16BJ5A0219	RT32027	POWER ELECTRONICS LAB	17	35	2
16BJ5A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	16	35	2
16BJ5A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	11	0
16BJ5A0220	RT32022	SWITCHGEAR AND PROTECTION	23	33	3
16BJ5A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	24	3
16BJ5A0220	RT32024	POWER SYSTEM ANALYSIS	7	6	0
16BJ5A0220	RT32025	MANAGEMENT SCIENCE	22	40	3
16BJ5A0220	RT32026	POWER SEMICONDUCTOR DRIVES	14	10	0
16BJ5A0220	RT32027	POWER ELECTRONICS LAB	16	35	2
16BJ5A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	17	35	2
16BJ5A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	41	3
16BJ5A0221	RT32022	SWITCHGEAR AND PROTECTION	26	36	3
16BJ5A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	44	3
16BJ5A0221	RT32024	POWER SYSTEM ANALYSIS	28	36	3
16BJ5A0221	RT32025	MANAGEMENT SCIENCE	26	42	3
16BJ5A0221	RT32026	POWER SEMICONDUCTOR DRIVES	25	36	3
16BJ5A0221	RT32027	POWER ELECTRONICS LAB	25	50	2
16BJ5A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16BJ5A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
16BJ5A0223	RT32022	SWITCHGEAR AND PROTECTION	24	34	3
16BJ5A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	46	3
16BJ5A0223	RT32024	POWER SYSTEM ANALYSIS	25	42	3
16BJ5A0223	RT32025	MANAGEMENT SCIENCE	25	44	3
16BJ5A0223	RT32026	POWER SEMICONDUCTOR DRIVES	25	33	3
16BJ5A0223	RT32027	POWER ELECTRONICS LAB	22	43	2
16BJ5A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
16BJ5A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	68	3
16BJ5A0224	RT32022	SWITCHGEAR AND PROTECTION	25	31	3
16BJ5A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	24	3
16BJ5A0224	RT32024	POWER SYSTEM ANALYSIS	29	41	3
16BJ5A0224	RT32025	MANAGEMENT SCIENCE	27	42	3
16BJ5A0224	RT32026	POWER SEMICONDUCTOR DRIVES	27	46	3
16BJ5A0224	RT32027	POWER ELECTRONICS LAB	25	49	2
16BJ5A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16BJ5A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	32	3
16BJ5A0225	RT32022	SWITCHGEAR AND PROTECTION	23	34	3
16BJ5A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
16BJ5A0225	RT32024	POWER SYSTEM ANALYSIS	23	10	0
16BJ5A0225	RT32025	MANAGEMENT SCIENCE	27	36	3
16BJ5A0225	RT32026	POWER SEMICONDUCTOR DRIVES	22	33	3
16BJ5A0225	RT32027	POWER ELECTRONICS LAB	23	45	2
16BJ5A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16BJ5A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	6	-1	0
16BJ5A0226	RT32022	SWITCHGEAR AND PROTECTION	4	-1	0
16BJ5A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	7	14	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0226	RT32024	POWER SYSTEM ANALYSIS	7	-1	0
16BJ5A0226	RT32025	MANAGEMENT SCIENCE	8	-1	0
16BJ5A0226	RT32026	POWER SEMICONDUCTOR DRIVES	8	-1	0
16BJ5A0226	RT32027	POWER ELECTRONICS LAB	16	35	2
16BJ5A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	17	35	2
16BJ5A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	25	3
16BJ5A0227	RT32022	SWITCHGEAR AND PROTECTION	24	30	3
16BJ5A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	40	3
16BJ5A0227	RT32024	POWER SYSTEM ANALYSIS	24	24	3
16BJ5A0227	RT32025	MANAGEMENT SCIENCE	19	49	3
16BJ5A0227	RT32026	POWER SEMICONDUCTOR DRIVES	25	13	0
16BJ5A0227	RT32027	POWER ELECTRONICS LAB	24	47	2
16BJ5A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
16BJ5A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	57	3
16BJ5A0228	RT32022	SWITCHGEAR AND PROTECTION	24	29	3
16BJ5A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	36	3
16BJ5A0228	RT32024	POWER SYSTEM ANALYSIS	27	27	3
16BJ5A0228	RT32025	MANAGEMENT SCIENCE	25	40	3
16BJ5A0228	RT32026	POWER SEMICONDUCTOR DRIVES	19	36	3
16BJ5A0228	RT32027	POWER ELECTRONICS LAB	20	42	2
16BJ5A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	20	41	2
16BJ5A0301	RT32031	OPERATIONS RESEARCH	17	36	3
16BJ5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	24	3
16BJ5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	17	44	3
16BJ5A0301	RT32034	ROBOTICS	25	28	3
16BJ5A0301	RT32035	HEAT TRANSFER	23	34	3
16BJ5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	30	3
16BJ5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	23	47	3
16BJ5A0301	RT32038	HEAT TRANSFER LAB	23	45	2
16BJ5A0302	RT32031	OPERATIONS RESEARCH	15	13	0
16BJ5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	11	0
16BJ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	8	10	0
16BJ5A0302	RT32034	ROBOTICS	21	13	0
16BJ5A0302	RT32035	HEAT TRANSFER	17	7	0
16BJ5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	27	3
16BJ5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	11	16	0
16BJ5A0302	RT32038	HEAT TRANSFER LAB	21	42	2
16BJ5A0303	RT32031	OPERATIONS RESEARCH	17	13	0
16BJ5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	8	0
16BJ5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	9	31	3
16BJ5A0303	RT32034	ROBOTICS	24	40	3
16BJ5A0303	RT32035	HEAT TRANSFER	18	35	3
16BJ5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	34	3
16BJ5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	17	11	0
16BJ5A0303	RT32038	HEAT TRANSFER LAB	21	39	2
16BJ5A0305	RT32031	OPERATIONS RESEARCH	21	19	0
16BJ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	18	0
16BJ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	13	17	0
16BJ5A0305	RT32034	ROBOTICS	22	24	3
16BJ5A0305	RT32035	HEAT TRANSFER	15	41	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	31	3
16BJ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
16BJ5A0305	RT32038	HEAT TRANSFER LAB	19	40	2
16BJ5A0306	RT32031	OPERATIONS RESEARCH	18	44	3
16BJ5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	14	0
16BJ5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	17	33	3
16BJ5A0306	RT32034	ROBOTICS	22	29	3
16BJ5A0306	RT32035	HEAT TRANSFER	20	33	3
16BJ5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	27	3
16BJ5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	18	28	3
16BJ5A0306	RT32038	HEAT TRANSFER LAB	24	48	2
16BJ5A0307	RT32031	OPERATIONS RESEARCH	20	35	3
16BJ5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
16BJ5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
16BJ5A0307	RT32034	ROBOTICS	21	24	3
16BJ5A0307	RT32035	HEAT TRANSFER	19	24	3
16BJ5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	41	3
16BJ5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	18	35	3
16BJ5A0307	RT32038	HEAT TRANSFER LAB	24	48	2
16BJ5A0308	RT32031	OPERATIONS RESEARCH	24	24	3
16BJ5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	30	3
16BJ5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	19	35	3
16BJ5A0308	RT32034	ROBOTICS	25	46	3
16BJ5A0308	RT32035	HEAT TRANSFER	18	55	3
16BJ5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	36	3
16BJ5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	15	25	3
16BJ5A0308	RT32038	HEAT TRANSFER LAB	23	47	2
16BJ5A0309	RT32031	OPERATIONS RESEARCH	13	17	0
16BJ5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	25	3
16BJ5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	10	30	3
16BJ5A0309	RT32034	ROBOTICS	20	28	3
16BJ5A0309	RT32035	HEAT TRANSFER	12	28	3
16BJ5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	33	3
16BJ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
16BJ5A0309	RT32038	HEAT TRANSFER LAB	19	38	2
16BJ5A0310	RT32031	OPERATIONS RESEARCH	17	39	3
16BJ5A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	16	0
16BJ5A0310	RT32033	DESIGN OF MACHINE MEMBERS II	15	28	3
16BJ5A0310	RT32034	ROBOTICS	24	30	3
16BJ5A0310	RT32035	HEAT TRANSFER	19	24	3
16BJ5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
16BJ5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	17	28	3
16BJ5A0310	RT32038	HEAT TRANSFER LAB	20	40	2
16BJ5A0311	RT32031	OPERATIONS RESEARCH	16	41	3
16BJ5A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	37	3
16BJ5A0311	RT32033	DESIGN OF MACHINE MEMBERS II	15	39	3
16BJ5A0311	RT32034	ROBOTICS	26	14	0
16BJ5A0311	RT32035	HEAT TRANSFER	17	14	0
16BJ5A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	43	3
16BJ5A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	15	40	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0311	RT32038	HEAT TRANSFER LAB	21	40	2
16BJ5A0312	RT32031	OPERATIONS RESEARCH	23	24	3
16BJ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	31	3
16BJ5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	16	32	3
16BJ5A0312	RT32034	ROBOTICS	25	33	3
16BJ5A0312	RT32035	HEAT TRANSFER	12	44	3
16BJ5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
16BJ5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
16BJ5A0312	RT32038	HEAT TRANSFER LAB	22	42	2
16BJ5A0315	RT32031	OPERATIONS RESEARCH	19	24	3
16BJ5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	28	3
16BJ5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	13	20	0
16BJ5A0315	RT32034	ROBOTICS	22	40	3
16BJ5A0315	RT32035	HEAT TRANSFER	19	38	3
16BJ5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	35	3
16BJ5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	13	28	3
16BJ5A0315	RT32038	HEAT TRANSFER LAB	18	45	2
16BJ5A0316	RT32031	OPERATIONS RESEARCH	19	35	3
16BJ5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	17	0
16BJ5A0316	RT32033	DESIGN OF MACHINE MEMBERS II	19	36	3
16BJ5A0316	RT32034	ROBOTICS	28	26	3
16BJ5A0316	RT32035	HEAT TRANSFER	25	38	3
16BJ5A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	31	3
16BJ5A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	22	30	3
16BJ5A0316	RT32038	HEAT TRANSFER LAB	25	49	2
16BJ5A0317	RT32031	OPERATIONS RESEARCH	15	28	3
16BJ5A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	33	3
16BJ5A0317	RT32033	DESIGN OF MACHINE MEMBERS II	12	32	3
16BJ5A0317	RT32034	ROBOTICS	23	16	0
16BJ5A0317	RT32035	HEAT TRANSFER	14	11	0
16BJ5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	36	3
16BJ5A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	17	41	3
16BJ5A0317	RT32038	HEAT TRANSFER LAB	22	42	2
16BJ5A0319	RT32031	OPERATIONS RESEARCH	13	13	0
16BJ5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	27	3
16BJ5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	11	33	3
16BJ5A0319	RT32034	ROBOTICS	26	49	3
16BJ5A0319	RT32035	HEAT TRANSFER	20	52	3
16BJ5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	36	3
16BJ5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	18	15	0
16BJ5A0319	RT32038	HEAT TRANSFER LAB	20	42	2
16BJ5A0321	RT32031	OPERATIONS RESEARCH	9	19	0
16BJ5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	24	3
16BJ5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	6	34	3
16BJ5A0321	RT32034	ROBOTICS	5	29	0
16BJ5A0321	RT32035	HEAT TRANSFER	10	30	3
16BJ5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	31	3
16BJ5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	14	21	0
16BJ5A0321	RT32038	HEAT TRANSFER LAB	17	36	2
16BJ5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0401	RT32042	DIGITAL SIGNAL PROCESSING	27	39	3
16BJ5A0401	RT32043	DIGITAL COMMUNICATIONS	20	44	3
16BJ5A0401	RT32044	MICROWAVE ENGINEERING	22	34	3
16BJ5A0401	RT32045A	BIO MEDICAL ENGINEERING	18	24	3
16BJ5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
16BJ5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
16BJ5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
16BJ5A0401	RT32049	SEMINAR	45	0	1
16BJ5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	69	3
16BJ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	25	33	3
16BJ5A0402	RT32043	DIGITAL COMMUNICATIONS	23	29	3
16BJ5A0402	RT32044	MICROWAVE ENGINEERING	26	40	3
16BJ5A0402	RT32045A	BIO MEDICAL ENGINEERING	26	37	3
16BJ5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
16BJ5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
16BJ5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
16BJ5A0402	RT32049	SEMINAR	45	0	1
16BJ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	47	3
16BJ5A0403	RT32042	DIGITAL SIGNAL PROCESSING	28	31	3
16BJ5A0403	RT32043	DIGITAL COMMUNICATIONS	29	37	3
16BJ5A0403	RT32044	MICROWAVE ENGINEERING	25	42	3
16BJ5A0403	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
16BJ5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BJ5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
16BJ5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
16BJ5A0403	RT32049	SEMINAR	49	0	1
16BJ5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	41	3
16BJ5A0404	RT32042	DIGITAL SIGNAL PROCESSING	28	29	3
16BJ5A0404	RT32043	DIGITAL COMMUNICATIONS	27	42	3
16BJ5A0404	RT32044	MICROWAVE ENGINEERING	26	11	0
16BJ5A0404	RT32045A	BIO MEDICAL ENGINEERING	23	46	3
16BJ5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
16BJ5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	25	46	2
16BJ5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
16BJ5A0404	RT32049	SEMINAR	47	0	1
16BJ5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	42	3
16BJ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	26	50	3
16BJ5A0405	RT32043	DIGITAL COMMUNICATIONS	26	59	3
16BJ5A0405	RT32044	MICROWAVE ENGINEERING	25	56	3
16BJ5A0405	RT32045A	BIO MEDICAL ENGINEERING	25	30	3
16BJ5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	49	2
16BJ5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
16BJ5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
16BJ5A0405	RT32049	SEMINAR	48	0	1
16BJ5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	55	3
16BJ5A0406	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
16BJ5A0406	RT32043	DIGITAL COMMUNICATIONS	27	30	3
16BJ5A0406	RT32044	MICROWAVE ENGINEERING	26	45	3
16BJ5A0406	RT32045A	BIO MEDICAL ENGINEERING	22	29	3
16BJ5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	49	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
16BJ5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
16BJ5A0406	RT32049	SEMINAR	46	0	1
16BJ5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	36	3
16BJ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	27	27	3
16BJ5A0408	RT32043	DIGITAL COMMUNICATIONS	23	32	3
16BJ5A0408	RT32044	MICROWAVE ENGINEERING	27	32	3
16BJ5A0408	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
16BJ5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	49	2
16BJ5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
16BJ5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
16BJ5A0408	RT32049	SEMINAR	47	0	1
16BJ5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	30	3
16BJ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	35	3
16BJ5A0409	RT32043	DIGITAL COMMUNICATIONS	23	36	3
16BJ5A0409	RT32044	MICROWAVE ENGINEERING	22	11	0
16BJ5A0409	RT32045A	BIO MEDICAL ENGINEERING	18	45	3
16BJ5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
16BJ5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
16BJ5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
16BJ5A0409	RT32049	SEMINAR	45	0	1
16BJ5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	28	3
16BJ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	21	37	3
16BJ5A0412	RT32043	DIGITAL COMMUNICATIONS	22	45	3
16BJ5A0412	RT32044	MICROWAVE ENGINEERING	23	36	3
16BJ5A0412	RT32045A	BIO MEDICAL ENGINEERING	20	36	3
16BJ5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
16BJ5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
16BJ5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
16BJ5A0412	RT32049	SEMINAR	42	0	1
16BJ5A0501	RT32051	SOFTWARE ENGINEERING	25	38	3
16BJ5A0501	RT32052	DATA WARE HOUSING AND MINING	26	31	3
16BJ5A0501	RT32053	COMPUTER NETWORKS	27	39	3
16BJ5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	50	3
16BJ5A0501	RT32055	WEB TECHNOLOGIES	24	50	3
16BJ5A0501	RT32056	IPR AND PATENTS	23	40	2
16BJ5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
16BJ5A0501	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
16BJ5A0501	RT32059	WEB TECHNOLOGIES LAB	25	50	2
16BJ5A0502	RT32051	SOFTWARE ENGINEERING	25	44	3
16BJ5A0502	RT32052	DATA WARE HOUSING AND MINING	28	25	3
16BJ5A0502	RT32053	COMPUTER NETWORKS	28	31	3
16BJ5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	52	3
16BJ5A0502	RT32055	WEB TECHNOLOGIES	27	44	3
16BJ5A0502	RT32056	IPR AND PATENTS	23	43	2
16BJ5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
16BJ5A0502	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
16BJ5A0502	RT32059	WEB TECHNOLOGIES LAB	25	50	2
16BJ5A0506	RT32051	SOFTWARE ENGINEERING	21	29	3
16BJ5A0506	RT32052	DATA WARE HOUSING AND MINING	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0506	RT32053	COMPUTER NETWORKS	20	17	0
16BJ5A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	4	0
16BJ5A0506	RT32055	WEB TECHNOLOGIES	17	33	3
16BJ5A0506	RT32056	IPR AND PATENTS	20	31	2
16BJ5A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	45	2
16BJ5A0506	RT32058	SOFTWARE ENGINEERING LAB	16	45	2
16BJ5A0506	RT32059	WEB TECHNOLOGIES LAB	18	45	2
16BJ5A0508	RT32051	SOFTWARE ENGINEERING	22	25	3
16BJ5A0508	RT32052	DATA WARE HOUSING AND MINING	24	12	0
16BJ5A0508	RT32053	COMPUTER NETWORKS	23	6	0
16BJ5A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	9	0
16BJ5A0508	RT32055	WEB TECHNOLOGIES	14	20	0
16BJ5A0508	RT32056	IPR AND PATENTS	21	24	2
16BJ5A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	44	2
16BJ5A0508	RT32058	SOFTWARE ENGINEERING LAB	19	44	2
16BJ5A0508	RT32059	WEB TECHNOLOGIES LAB	24	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   Controller of Examinations