



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech II Semester Regular/Supplementary Examinations April/May-2017

College: ST.MARY'S GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	Credits
09BJ1A0314	R32035	DESIGN OF MACHINE MEMBERS_II	14	31	4
09BJ1A0516	R32057	COMPUTER NETWORKS AND UNIX LAB	0	48	2
09BJ1A0526	P32051	ADVANCED OPERATING SYSTEMS	0	-1	0
09BJ1A0526	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	4	-1	0
09BJ1A0534	R32051	ADVANCED COMPUTER NETWORKS	16	11	0
09BJ1A0534	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	21	0
09BJ1A0544	R32026	MANAGEMENT SCIENCE	16	14	0
09BJ1A0544	R32057	COMPUTER NETWORKS AND UNIX LAB	0	49	2
109T1A0406	R32042	MICROWAVE ENGINEERING	5	-1	0
109T1A0406	R32043	DIGITAL SIGNAL PROCESSING	8	-1	0
109T1A0406	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	-1	0
10BJ1A0306	R32033	HEAT TRANSFER	12	-1	0
10BJ1A0306	R32035	DESIGN OF MACHINE MEMBERS_II	14	-1	0
10BJ1A0540	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	19	0
10BJ1A0563	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	19	24	0
10BJ1A0570	R32026	MANAGEMENT SCIENCE	11	15	0
10BJ1A0570	R32051	ADVANCED COMPUTER NETWORKS	12	5	0
10BJ1A0570	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	18	21	0
10BJ1A0570	R32054	UNIX PROGRAMMING	14	28	4
10BJ1A0570	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	26	4
11BJ1A0324	R32033	HEAT TRANSFER	15	10	0
11BJ1A0324	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	14	0
11BJ1A0473	R32026	MANAGEMENT SCIENCE	14	-1	0
11BJ1A0473	R32041	COMPUTER NETWORKS	0	-1	0
11BJ1A0473	R32042	MICROWAVE ENGINEERING	0	-1	0
11BJ1A0473	R32043	DIGITAL SIGNAL PROCESSING	0	-1	0
11BJ1A0473	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	0	-1	0
11BJ1A0473	R32045	VLSI DESIGN	0	-1	0
11BJ1A0535	R32051	ADVANCED COMPUTER NETWORKS	16	27	4
11BJ1A0535	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	40	4
11BJ1A0538	R32051	ADVANCED COMPUTER NETWORKS	15	27	4
11BJ1A0538	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	37	4
11HP1A0309	R32031	METROLOGY	4	40	4
11HP1A0309	R32033	HEAT TRANSFER	0	-1	0
11HP1A0309	R32036	INDUSTRIAL ENGG. & MANAGEMENT	4	-1	0
12BJ1A0208	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	0	0
12BJ1A0216	R32024	MICROPROCESSORS AND MICROCONTROLLER	18	41	4
12BJ1A0221	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	34	4
12BJ1A0227	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	-1	0
12BJ1A0227	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	-1	0
12BJ1A0230	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	35	4
12BJ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	16	21	0
12BJ1A0232	R32023	UTILIZATION OF ELECTRICAL ENERGY	18	35	4
12BJ1A0232	R32024	MICROPROCESSORS AND MICROCONTROLLER	21	-1	0

Htno	Subcode	Subname	Internal	External	Credits
12BJ1A0232	R32025	POWER SEMICONDUCTOR DRIVES	17	-1	0
12BJ1A0232	R32026	MANAGEMENT SCIENCE	19	-1	0
12BJ1A0311	R32031	METROLOGY	16	28	4
12BJ1A0311	R32033	HEAT TRANSFER	18	12	0
12BJ1A0311	R32034	INSTRUMENTATION & CONTROL SYSTEMS	21	31	4
12BJ1A0339	R32031	METROLOGY	15	2	0
12BJ1A0339	R32032	ROBOTICS	13	-1	0
12BJ1A0339	R32033	HEAT TRANSFER	15	19	0
12BJ1A0339	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	-1	0
12BJ1A0339	R32035	DESIGN OF MACHINE MEMBERS_II	15	-1	0
12BJ1A0339	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
12BJ1A0341	R32036	INDUSTRIAL ENGG. & MANAGEMENT	18	8	0
12BJ1A0380	R32031	METROLOGY	18	0	0
12BJ1A0380	R32032	ROBOTICS	14	-1	0
12BJ1A0380	R32033	HEAT TRANSFER	16	-1	0
12BJ1A0380	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	-1	0
12BJ1A0380	R32035	DESIGN OF MACHINE MEMBERS_II	14	-1	0
12BJ1A0380	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
12BJ1A0389	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	31	4
12BJ1A0401	R32041	COMPUTER NETWORKS	22	30	4
12BJ1A0401	R32043	DIGITAL SIGNAL PROCESSING	25	26	4
12BJ1A0401	R32045	VLSI DESIGN	24	41	4
12BJ1A0405	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	28	4
12BJ1A0412	R32045	VLSI DESIGN	20	20	0
12BJ1A0434	R32042	MICROWAVE ENGINEERING	21	-1	0
12BJ1A0447	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	18	0
12BJ1A0447	R32045	VLSI DESIGN	14	16	0
12BJ1A0456	R32043	DIGITAL SIGNAL PROCESSING	23	20	0
12BJ1A0459	R32043	DIGITAL SIGNAL PROCESSING	24	20	0
12BJ1A0481	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	-1	0
12BJ1A0481	R32045	VLSI DESIGN	20	16	0
12BJ1A0486	R32045	VLSI DESIGN	19	31	4
12BJ1A0490	R32043	DIGITAL SIGNAL PROCESSING	16	31	4
12BJ1A0490	R32045	VLSI DESIGN	14	7	0
12BJ1A04A4	R32043	DIGITAL SIGNAL PROCESSING	18	23	0
12BJ1A04B1	R32043	DIGITAL SIGNAL PROCESSING	15	0	0
12BJ1A04B1	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	0	0
12BJ1A04D5	R32043	DIGITAL SIGNAL PROCESSING	21	8	0
12BJ1A04D5	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	7	0
12BJ1A0530	R32026	MANAGEMENT SCIENCE	17	12	0
12BJ1A0530	R32054	UNIX PROGRAMMING	14	6	0
12BJ1A0537	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	23	0
12BJ1A0549	R32026	MANAGEMENT SCIENCE	13	28	4
12BJ1A0549	R32054	UNIX PROGRAMMING	21	26	4
12BJ1A0554	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	24	35	4
12BJ1A0554	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	13	0
12BJ1A0591	R32051	ADVANCED COMPUTER NETWORKS	14	7	0
12BJ1A0591	R32052	COMPUTER ARCHITECTURE	14	9	0
12BJ1A0591	R32054	UNIX PROGRAMMING	14	6	0
12BJ1A0591	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	0	0

Htno	Subcode	Subname	Internal	External	Credits
12BJ1A0594	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	34	4
12BJ1A0594	R32054	UNIX PROGRAMMING	15	11	0
12BJ1A0594	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	18	0
12BJ1A0598	R32051	ADVANCED COMPUTER NETWORKS	14	2	0
12BJ1A0598	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	21	0
12BJ1A0598	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	15	6	0
12BJ1A05A1	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	15	42	4
12BJ1A05A5	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	16	12	0
12BJ1A05A8	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	41	4
12BJ5A0220	R32025	POWER SEMICONDUCTOR DRIVES	18	31	4
13BJ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	20	62	3
13BJ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	16	5	0
13BJ1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	13	23	0
13BJ1A0111	RT32012	GEOTECHNICAL ENGINEERING II	18	32	3
13BJ1A0111	RT32014	WATER RESOURCES ENGINEERING I	16	56	3
13BJ1A0112	RT32012	GEOTECHNICAL ENGINEERING II	15	27	3
13BJ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	11	0
13BJ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
13BJ1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	29	3
13BJ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	22	44	3
13BJ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
13BJ1A0115	RT32014	WATER RESOURCES ENGINEERING I	17	32	3
13BJ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	16	18	0
13BJ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	5	0
13BJ1A0127	RT32015	TRANSPORTATION ENGINEERING II	15	12	0
13BJ1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	41	3
13BJ1A0134	RT32012	GEOTECHNICAL ENGINEERING II	19	33	3
13BJ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	9	0
13BJ1A0136	RT32012	GEOTECHNICAL ENGINEERING II	21	19	0
13BJ1A0138	RT32012	GEOTECHNICAL ENGINEERING II	17	48	3
13BJ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	37	3
13BJ1A0138	RT32014	WATER RESOURCES ENGINEERING I	18	42	3
13BJ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	20	12	0
13BJ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	24	3
13BJ1A0148	RT32012	GEOTECHNICAL ENGINEERING II	19	27	3
13BJ1A0149	RT32014	WATER RESOURCES ENGINEERING I	16	17	0
13BJ1A0149	RT32015	TRANSPORTATION ENGINEERING II	14	14	0
13BJ1A0150	RT32012	GEOTECHNICAL ENGINEERING II	14	-1	0
13BJ1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	12	-1	0
13BJ1A0152	RT32012	GEOTECHNICAL ENGINEERING II	20	34	3
13BJ1A0154	RT32011	ENVIRONMENTAL ENGINEERING I	8	-1	0
13BJ1A0154	RT32012	GEOTECHNICAL ENGINEERING II	7	-1	0
13BJ1A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	-1	0
13BJ1A0154	RT32014	WATER RESOURCES ENGINEERING I	5	-1	0
13BJ1A0154	RT32015	TRANSPORTATION ENGINEERING II	8	-1	0
13BJ1A0154	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	9	-1	0
13BJ1A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	-1	0
13BJ1A0154	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
13BJ1A0206	RT32024	POWER SYSTEM ANALYSIS	22	24	3
13BJ1A0206	RT32025	MANAGEMENT SCIENCE	17	32	3

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	17	16	0
13BJ1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	3	0
13BJ1A0212	RT32022	SWITCHGEAR AND PROTECTION	23	-1	0
13BJ1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	-1	0
13BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	26	6	0
13BJ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	18	20	0
13BJ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	2	0
13BJ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	17	0
13BJ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	16	43	3
13BJ1A0229	RT32024	POWER SYSTEM ANALYSIS	18	2	0
13BJ1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	27	0
13BJ1A0241	RT32022	SWITCHGEAR AND PROTECTION	20	15	0
13BJ1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
13BJ1A0241	RT32024	POWER SYSTEM ANALYSIS	17	0	0
13BJ1A0241	RT32025	MANAGEMENT SCIENCE	13	17	0
13BJ1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	15	25	3
13BJ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	10	3	0
13BJ1A0301	RT32035	HEAT TRANSFER	16	-1	0
13BJ1A0302	RT32031	OPERATIONS RESEARCH	8	18	0
13BJ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	0	0
13BJ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	8	0	0
13BJ1A0302	RT32035	HEAT TRANSFER	3	7	0
13BJ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	13	6	0
13BJ1A0305	RT32035	HEAT TRANSFER	21	16	0
13BJ1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	21	27	3
13BJ1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	24	3	0
13BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	24	22	0
13BJ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	32	3
13BJ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	2	0
13BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	21	22	0
13BJ1A0317	RT32031	OPERATIONS RESEARCH	17	38	3
13BJ1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	17	0
13BJ1A0318	RT32031	OPERATIONS RESEARCH	8	13	0
13BJ1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	30	3
13BJ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	10	10	0
13BJ1A0318	RT32034	ROBOTICS	9	2	0
13BJ1A0318	RT32035	HEAT TRANSFER	19	13	0
13BJ1A0320	RT32031	OPERATIONS RESEARCH	9	-1	0
13BJ1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	-1	0
13BJ1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	0	2	0
13BJ1A0320	RT32034	ROBOTICS	7	-1	0
13BJ1A0320	RT32035	HEAT TRANSFER	5	-1	0
13BJ1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	7	-1	0
13BJ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	7	-1	0
13BJ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
13BJ1A0337	RT32031	OPERATIONS RESEARCH	15	26	3
13BJ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	14	14	0
13BJ1A0337	RT32034	ROBOTICS	16	16	0
13BJ1A0337	RT32035	HEAT TRANSFER	22	20	0
13BJ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	23	6	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0340	RT32035	HEAT TRANSFER	21	-1	0
13BJ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	19	19	0
13BJ1A0341	RT32031	OPERATIONS RESEARCH	9	-1	0
13BJ1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	0	-1	0
13BJ1A0341	RT32035	HEAT TRANSFER	13	-1	0
13BJ1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	19	0
13BJ1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	10	0
13BJ1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	10	4	0
13BJ1A0349	RT32031	OPERATIONS RESEARCH	14	7	0
13BJ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	19	0
13BJ1A0349	RT32035	HEAT TRANSFER	20	12	0
13BJ1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	19	3	0
13BJ1A0350	RT32031	OPERATIONS RESEARCH	16	32	3
13BJ1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	40	3
13BJ1A0355	RT32031	OPERATIONS RESEARCH	19	29	3
13BJ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	2	0
13BJ1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	10	30	3
13BJ1A0355	RT32034	ROBOTICS	19	36	3
13BJ1A0355	RT32035	HEAT TRANSFER	8	11	0
13BJ1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	43	3
13BJ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	17	9	0
13BJ1A0356	RT32031	OPERATIONS RESEARCH	12	32	3
13BJ1A0356	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
13BJ1A0356	RT32033	DESIGN OF MACHINE MEMBERS II	10	23	0
13BJ1A0356	RT32034	ROBOTICS	13	13	0
13BJ1A0356	RT32035	HEAT TRANSFER	16	0	0
13BJ1A0356	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	30	3
13BJ1A0356	RT32037A	REFRIGERATION & AIR CONDITIONING	6	28	0
13BJ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	19	11	0
13BJ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	23	0
13BJ1A0364	RT32031	OPERATIONS RESEARCH	19	12	0
13BJ1A0364	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	26	3
13BJ1A0364	RT32033	DESIGN OF MACHINE MEMBERS II	11	0	0
13BJ1A0364	RT32034	ROBOTICS	17	24	3
13BJ1A0364	RT32035	HEAT TRANSFER	16	0	0
13BJ1A0364	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	30	3
13BJ1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	14	0	0
13BJ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	9	0
13BJ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	12	5	0
13BJ1A0366	RT32035	HEAT TRANSFER	14	0	0
13BJ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
13BJ1A0371	RT32035	HEAT TRANSFER	23	-1	0
13BJ1A0373	RT32031	OPERATIONS RESEARCH	16	26	3
13BJ1A0376	RT32035	HEAT TRANSFER	23	13	0
13BJ1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	23	18	0
13BJ1A0383	RT32035	HEAT TRANSFER	20	30	3
13BJ1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	23	11	0
13BJ1A0386	RT32034	ROBOTICS	20	31	3
13BJ1A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	16	20	0
13BJ1A0387	RT32035	HEAT TRANSFER	23	11	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0392	RT32031	OPERATIONS RESEARCH	13	27	3
13BJ1A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	12	0
13BJ1A0392	RT32033	DESIGN OF MACHINE MEMBERS II	10	3	0
13BJ1A0392	RT32034	ROBOTICS	11	29	3
13BJ1A0392	RT32035	HEAT TRANSFER	18	18	0
13BJ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	11	0
13BJ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
13BJ1A0393	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	31	3
13BJ1A0393	RT32035	HEAT TRANSFER	18	15	0
13BJ1A0393	RT32037A	REFRIGERATION & AIR CONDITIONING	22	27	3
13BJ1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	33	3
13BJ1A0394	RT32034	ROBOTICS	15	5	0
13BJ1A0394	RT32035	HEAT TRANSFER	16	8	0
13BJ1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	7	0	0
13BJ1A0396	RT32031	OPERATIONS RESEARCH	9	38	3
13BJ1A0396	RT32033	DESIGN OF MACHINE MEMBERS II	11	35	3
13BJ1A0396	RT32035	HEAT TRANSFER	24	24	3
13BJ1A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	17	15	0
13BJ1A0397	RT32031	OPERATIONS RESEARCH	11	16	0
13BJ1A0397	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	6	0
13BJ1A0397	RT32033	DESIGN OF MACHINE MEMBERS II	13	14	0
13BJ1A0397	RT32034	ROBOTICS	16	24	3
13BJ1A0397	RT32035	HEAT TRANSFER	17	21	0
13BJ1A0397	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
13BJ1A0397	RT32037A	REFRIGERATION & AIR CONDITIONING	19	10	0
13BJ1A0398	RT32035	HEAT TRANSFER	16	14	0
13BJ1A03A5	RT32031	OPERATIONS RESEARCH	20	46	3
13BJ1A03A6	RT32031	OPERATIONS RESEARCH	15	25	3
13BJ1A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
13BJ1A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	14	8	0
13BJ1A03A6	RT32035	HEAT TRANSFER	21	29	3
13BJ1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	18	28	3
13BJ1A03A7	RT32031	OPERATIONS RESEARCH	11	41	3
13BJ1A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	10	0
13BJ1A03A7	RT32033	DESIGN OF MACHINE MEMBERS II	10	33	3
13BJ1A03A7	RT32034	ROBOTICS	14	0	0
13BJ1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
13BJ1A03A8	RT32031	OPERATIONS RESEARCH	22	27	3
13BJ1A03A8	RT32035	HEAT TRANSFER	22	35	3
13BJ1A03B0	RT32037A	REFRIGERATION & AIR CONDITIONING	23	17	0
13BJ1A03B2	RT32031	OPERATIONS RESEARCH	14	0	0
13BJ1A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	8	0
13BJ1A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	14	-1	0
13BJ1A03B2	RT32034	ROBOTICS	19	-1	0
13BJ1A03B2	RT32035	HEAT TRANSFER	15	-1	0
13BJ1A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	-1	0
13BJ1A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	-1	0
13BJ1A03B6	RT32031	OPERATIONS RESEARCH	17	29	3
13BJ1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	10	11	0
13BJ1A03B6	RT32034	ROBOTICS	14	13	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A03B6	RT32035	HEAT TRANSFER	5	16	0
13BJ1A03B6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	41	3
13BJ1A03B6	RT32037A	REFRIGERATION & AIR CONDITIONING	21	26	3
13BJ1A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	11	10	0
13BJ1A03B7	RT32035	HEAT TRANSFER	18	16	0
13BJ1A03B7	RT32037A	REFRIGERATION & AIR CONDITIONING	17	4	0
13BJ1A03B9	RT32031	OPERATIONS RESEARCH	8	4	0
13BJ1A03B9	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	7	0
13BJ1A03B9	RT32033	DESIGN OF MACHINE MEMBERS II	10	12	0
13BJ1A03B9	RT32034	ROBOTICS	14	26	3
13BJ1A03B9	RT32035	HEAT TRANSFER	16	7	0
13BJ1A03B9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	13	0
13BJ1A03B9	RT32037A	REFRIGERATION & AIR CONDITIONING	13	0	0
13BJ1A03C0	RT32031	OPERATIONS RESEARCH	10	18	0
13BJ1A03C0	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	15	0
13BJ1A03C0	RT32035	HEAT TRANSFER	23	8	0
13BJ1A03C0	RT32037A	REFRIGERATION & AIR CONDITIONING	11	5	0
13BJ1A03C2	RT32031	OPERATIONS RESEARCH	21	42	3
13BJ1A03C2	RT32035	HEAT TRANSFER	24	24	3
13BJ1A03C5	RT32031	OPERATIONS RESEARCH	13	16	0
13BJ1A03C6	RT32031	OPERATIONS RESEARCH	10	38	3
13BJ1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
13BJ1A03C6	RT32035	HEAT TRANSFER	14	6	0
13BJ1A03C7	RT32037A	REFRIGERATION & AIR CONDITIONING	23	34	3
13BJ1A03C9	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	45	3
13BJ1A03D8	RT32031	OPERATIONS RESEARCH	13	12	0
13BJ1A03D8	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	7	0
13BJ1A03D8	RT32033	DESIGN OF MACHINE MEMBERS II	11	18	0
13BJ1A03D8	RT32034	ROBOTICS	15	13	0
13BJ1A03D8	RT32035	HEAT TRANSFER	20	9	0
13BJ1A03D8	RT32037A	REFRIGERATION & AIR CONDITIONING	14	3	0
13BJ1A03D9	RT32033	DESIGN OF MACHINE MEMBERS II	8	14	0
13BJ1A03D9	RT32034	ROBOTICS	3	38	3
13BJ1A03E3	RT32031	OPERATIONS RESEARCH	18	36	3
13BJ1A03E4	RT32034	ROBOTICS	16	3	0
13BJ1A03E6	RT32031	OPERATIONS RESEARCH	17	26	3
13BJ1A03E6	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	20	0
13BJ1A03E8	RT32031	OPERATIONS RESEARCH	20	30	3
13BJ1A03E8	RT32033	DESIGN OF MACHINE MEMBERS II	11	0	0
13BJ1A03E8	RT32035	HEAT TRANSFER	22	0	0
13BJ1A03E8	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
13BJ1A03F0	RT32031	OPERATIONS RESEARCH	11	21	0
13BJ1A03F0	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	18	0
13BJ1A03F0	RT32033	DESIGN OF MACHINE MEMBERS II	11	43	3
13BJ1A03F0	RT32034	ROBOTICS	16	24	3
13BJ1A03F3	RT32031	OPERATIONS RESEARCH	16	28	3
13BJ1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	37	3
13BJ1A0412	RT32045A	BIO MEDICAL ENGINEERING	19	33	3
13BJ1A0416	RT32045A	BIO MEDICAL ENGINEERING	17	33	3
13BJ1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	19	3	0
13BJ1A0423	RT32043	DIGITAL COMMUNICATIONS	22	2	0
13BJ1A0423	RT32044	MICROWAVE ENGINEERING	17	4	0
13BJ1A0423	RT32045A	BIO MEDICAL ENGINEERING	13	3	0
13BJ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	2	0
13BJ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	24	14	0
13BJ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	0	0
13BJ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	15	0	0
13BJ1A0433	RT32043	DIGITAL COMMUNICATIONS	15	3	0
13BJ1A0433	RT32044	MICROWAVE ENGINEERING	18	3	0
13BJ1A0433	RT32045A	BIO MEDICAL ENGINEERING	13	13	0
13BJ1A0442	RT32043	DIGITAL COMMUNICATIONS	9	0	0
13BJ1A0442	RT32044	MICROWAVE ENGINEERING	0	-1	0
13BJ1A0442	RT32045A	BIO MEDICAL ENGINEERING	8	-1	0
13BJ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	26	3
13BJ1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
13BJ1A0444	RT32042	DIGITAL SIGNAL PROCESSING	18	4	0
13BJ1A0444	RT32043	DIGITAL COMMUNICATIONS	14	0	0
13BJ1A0444	RT32044	MICROWAVE ENGINEERING	17	3	0
13BJ1A0444	RT32045A	BIO MEDICAL ENGINEERING	14	11	0
13BJ1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
13BJ1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
13BJ1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2
13BJ1A0444	RT32049	SEMINAR	45	0	1
13BJ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
13BJ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	14	9	0
13BJ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	0	0
13BJ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	13	4	0
13BJ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	15	0
13BJ1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	7	0
13BJ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	20	2	0
13BJ1A0449	RT32043	DIGITAL COMMUNICATIONS	22	14	0
13BJ1A0449	RT32044	MICROWAVE ENGINEERING	19	31	3
13BJ1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	30	3
13BJ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	23	16	0
13BJ1A0454	RT32043	DIGITAL COMMUNICATIONS	22	40	3
13BJ1A0454	RT32044	MICROWAVE ENGINEERING	23	61	3
13BJ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	22	4	0
13BJ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	21	8	0
13BJ1A0457	RT32043	DIGITAL COMMUNICATIONS	21	7	0
13BJ1A0457	RT32044	MICROWAVE ENGINEERING	17	33	3
13BJ1A0457	RT32045A	BIO MEDICAL ENGINEERING	21	8	0
13BJ1A0462	RT32044	MICROWAVE ENGINEERING	21	30	3
13BJ1A0462	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
13BJ1A0470	RT32044	MICROWAVE ENGINEERING	23	-1	0
13BJ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
13BJ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
13BJ1A0475	RT32043	DIGITAL COMMUNICATIONS	24	2	0
13BJ1A0476	RT32042	DIGITAL SIGNAL PROCESSING	21	11	0
13BJ1A0476	RT32044	MICROWAVE ENGINEERING	22	42	3



Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0476	RT32045A	BIO MEDICAL ENGINEERING	15	31	3
13BJ1A0483	RT32042	DIGITAL SIGNAL PROCESSING	23	25	3
13BJ1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	10	0
13BJ1A0486	RT32044	MICROWAVE ENGINEERING	22	36	3
13BJ1A0486	RT32045A	BIO MEDICAL ENGINEERING	11	30	3
13BJ1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	17	0
13BJ1A0487	RT32042	DIGITAL SIGNAL PROCESSING	20	8	0
13BJ1A0487	RT32043	DIGITAL COMMUNICATIONS	20	5	0
13BJ1A0487	RT32044	MICROWAVE ENGINEERING	16	8	0
13BJ1A0493	RT32044	MICROWAVE ENGINEERING	21	36	3
13BJ1A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	-1	0
13BJ1A0494	RT32043	DIGITAL COMMUNICATIONS	23	18	0
13BJ1A0494	RT32044	MICROWAVE ENGINEERING	18	55	3
13BJ1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	0	0
13BJ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
13BJ1A0495	RT32043	DIGITAL COMMUNICATIONS	20	0	0
13BJ1A0495	RT32044	MICROWAVE ENGINEERING	17	17	0
13BJ1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
13BJ1A04A6	RT32045A	BIO MEDICAL ENGINEERING	13	5	0
13BJ1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	13	0
13BJ1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	15	0
13BJ1A04A8	RT32044	MICROWAVE ENGINEERING	19	-1	0
13BJ1A04B1	RT32045A	BIO MEDICAL ENGINEERING	22	43	3
13BJ1A04B4	RT32044	MICROWAVE ENGINEERING	21	36	3
13BJ1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	-1	0
13BJ1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	7	0	0
13BJ1A04B6	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
13BJ1A04B6	RT32043	DIGITAL COMMUNICATIONS	7	0	0
13BJ1A04B6	RT32044	MICROWAVE ENGINEERING	11	-1	0
13BJ1A04B6	RT32045A	BIO MEDICAL ENGINEERING	7	0	0
13BJ1A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	41	2
13BJ1A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
13BJ1A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
13BJ1A04B6	RT32049	SEMINAR	45	0	1
13BJ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	6	0
13BJ1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	18	3	0
13BJ1A04B7	RT32043	DIGITAL COMMUNICATIONS	20	0	0
13BJ1A04B7	RT32044	MICROWAVE ENGINEERING	18	5	0
13BJ1A04B7	RT32045A	BIO MEDICAL ENGINEERING	11	10	0
13BJ1A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	31	3
13BJ1A04C2	RT32044	MICROWAVE ENGINEERING	26	48	3
13BJ1A04C5	RT32044	MICROWAVE ENGINEERING	22	31	3
13BJ1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	24	0	0
13BJ1A04C9	RT32044	MICROWAVE ENGINEERING	20	46	3
13BJ1A04D0	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
13BJ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	19	20	0
13BJ1A04D4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	25	3
13BJ1A04D5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	8	0
13BJ1A04D5	RT32042	DIGITAL SIGNAL PROCESSING	0	4	0
13BJ1A04D5	RT32044	MICROWAVE ENGINEERING	18	29	3

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A04D7	RT32042	DIGITAL SIGNAL PROCESSING	22	2	0
13BJ1A04D7	RT32044	MICROWAVE ENGINEERING	20	18	0
13BJ1A04D8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	14	0
13BJ1A04D8	RT32042	DIGITAL SIGNAL PROCESSING	22	0	0
13BJ1A04D8	RT32043	DIGITAL COMMUNICATIONS	17	29	3
13BJ1A04D8	RT32044	MICROWAVE ENGINEERING	14	31	3
13BJ1A04E1	RT32044	MICROWAVE ENGINEERING	16	48	3
13BJ1A0533	RT32051	SOFTWARE ENGINEERING	18	10	0
13BJ1A0533	RT32055	WEB TECHNOLOGIES	16	4	0
13BJ1A0537	RT32053	COMPUTER NETWORKS	8	-1	0
13BJ1A0538	RT32052	DATA WARE HOUSING AND MINING	18	24	3
13BJ1A0538	RT32053	COMPUTER NETWORKS	17	20	0
13BJ1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	0	0
13BJ1A0538	RT32055	WEB TECHNOLOGIES	14	8	0
13BJ1A0547	RT32055	WEB TECHNOLOGIES	22	24	3
13BJ1A0555	RT32053	COMPUTER NETWORKS	18	47	3
13BJ1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	28	3
13BJ1A0555	RT32055	WEB TECHNOLOGIES	10	9	0
13BJ1A0557	RT32052	DATA WARE HOUSING AND MINING	18	27	3
13BJ1A0557	RT32055	WEB TECHNOLOGIES	12	0	0
13BJ1A0558	RT32053	COMPUTER NETWORKS	15	3	0
13BJ1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	0	0
13BJ1A0558	RT32055	WEB TECHNOLOGIES	14	0	0
13BJ1A0559	RT32051	SOFTWARE ENGINEERING	17	18	0
13BJ1A0559	RT32052	DATA WARE HOUSING AND MINING	17	0	0
13BJ1A0559	RT32053	COMPUTER NETWORKS	17	24	3
13BJ1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	0	0
13BJ1A0559	RT32055	WEB TECHNOLOGIES	17	1	0
13BJ1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	30	3
13BJ1A0569	RT32053	COMPUTER NETWORKS	21	34	3
13BJ1A0569	RT32055	WEB TECHNOLOGIES	22	11	0
13BJ1A0578	RT32053	COMPUTER NETWORKS	21	38	3
13BJ1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	25	3
13BJ1A0581	RT32053	COMPUTER NETWORKS	19	17	0
13BJ1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	35	3
13BJ1A0586	RT32053	COMPUTER NETWORKS	17	13	0
13BJ1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	4	0
13BJ1A0586	RT32055	WEB TECHNOLOGIES	15	2	0
13BJ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	7	0
13BJ1A0588	RT32055	WEB TECHNOLOGIES	18	8	0
13BJ1A0590	RT32053	COMPUTER NETWORKS	18	21	0
13BJ1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	25	3
13BJ1A0590	RT32055	WEB TECHNOLOGIES	13	6	0
13BJ1A0591	RT32051	SOFTWARE ENGINEERING	9	17	0
13BJ1A0591	RT32052	DATA WARE HOUSING AND MINING	16	33	3
13BJ1A0591	RT32053	COMPUTER NETWORKS	9	43	3
13BJ1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	35	3
13BJ1A0591	RT32055	WEB TECHNOLOGIES	16	3	0
13BJ1A0591	RT32056	IPR AND PATENTS	8	32	2
13BJ1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0591	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
13BJ1A0591	RT32059	WEB TECHNOLOGIES LAB	17	44	2
13BJ1A0592	RT32051	SOFTWARE ENGINEERING	19	9	0
13BJ1A0592	RT32053	COMPUTER NETWORKS	17	8	0
13BJ1A0592	RT32055	WEB TECHNOLOGIES	15	0	0
13BJ1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	4	0
13BJ1A0595	RT32055	WEB TECHNOLOGIES	13	14	0
13BJ1A0596	RT32051	SOFTWARE ENGINEERING	0	0	0
13BJ1A0596	RT32052	DATA WARE HOUSING AND MINING	7	27	0
13BJ1A0596	RT32053	COMPUTER NETWORKS	3	26	0
13BJ1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	7	18	0
13BJ1A0596	RT32055	WEB TECHNOLOGIES	10	-1	0
13BJ1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	12	0
13BJ1A05A0	RT32055	WEB TECHNOLOGIES	18	3	0
13BJ5A0203	R32021	ELECTRICAL MACHINE DESIGN	20	17	0
13BJ5A0203	R32022	POWER SYSTEM ANALYSIS	23	19	0
13BJ5A0203	R32023	UTILIZATION OF ELECTRICAL ENERGY	3	24	0
13BJ5A0203	R32024	MICROPROCESSORS AND MICROCONTROLLER	20	0	0
13BJ5A0203	R32025	POWER SEMICONDUCTOR DRIVES	14	7	0
13BJ5A0203	R32026	MANAGEMENT SCIENCE	22	21	0
13BJ5A0203	R32027	POWER ELECTRONICS LAB	20	35	2
13BJ5A0203	R32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
13BJ5A0407	R32041	COMPUTER NETWORKS	17	16	0
13BJ5A0407	R32045	VLSI DESIGN	24	39	4
13BJ5A0502	R32054	UNIX PROGRAMMING	13	15	0
13BJ5A0502	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	18	0
14BJ1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	27	46	3
14BJ1A0101	RT32012	GEOTECHNICAL ENGINEERING II	18	48	3
14BJ1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	39	3
14BJ1A0101	RT32014	WATER RESOURCES ENGINEERING I	23	54	3
14BJ1A0101	RT32015	TRANSPORTATION ENGINEERING II	27	17	0
14BJ1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	56	3
14BJ1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	59	2
14BJ1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
14BJ1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	27	67	3
14BJ1A0102	RT32012	GEOTECHNICAL ENGINEERING II	22	38	3
14BJ1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	47	3
14BJ1A0102	RT32014	WATER RESOURCES ENGINEERING I	26	70	3
14BJ1A0102	RT32015	TRANSPORTATION ENGINEERING II	25	27	3
14BJ1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	57	3
14BJ1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	58	2
14BJ1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14BJ1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	26	32	3
14BJ1A0103	RT32012	GEOTECHNICAL ENGINEERING II	21	40	3
14BJ1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	25	3
14BJ1A0103	RT32014	WATER RESOURCES ENGINEERING I	24	31	3
14BJ1A0103	RT32015	TRANSPORTATION ENGINEERING II	24	35	3
14BJ1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	33	3
14BJ1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
14BJ1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	24	43	3
14BJ1A0104	RT32012	GEOTECHNICAL ENGINEERING II	21	25	3
14BJ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	24	3
14BJ1A0104	RT32014	WATER RESOURCES ENGINEERING I	26	31	3
14BJ1A0104	RT32015	TRANSPORTATION ENGINEERING II	23	28	3
14BJ1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	40	3
14BJ1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	65	2
14BJ1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14BJ1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	28	52	3
14BJ1A0105	RT32012	GEOTECHNICAL ENGINEERING II	29	61	3
14BJ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	40	3
14BJ1A0105	RT32014	WATER RESOURCES ENGINEERING I	28	52	3
14BJ1A0105	RT32015	TRANSPORTATION ENGINEERING II	29	24	3
14BJ1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	64	3
14BJ1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
14BJ1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	25	50	2
14BJ1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	19	39	3
14BJ1A0106	RT32012	GEOTECHNICAL ENGINEERING II	20	9	0
14BJ1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	5	0
14BJ1A0106	RT32014	WATER RESOURCES ENGINEERING I	18	60	3
14BJ1A0106	RT32015	TRANSPORTATION ENGINEERING II	15	4	0
14BJ1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	41	3
14BJ1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	53	2
14BJ1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	13	36	2
14BJ1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	22	41	3
14BJ1A0107	RT32012	GEOTECHNICAL ENGINEERING II	25	34	3
14BJ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	15	0
14BJ1A0107	RT32014	WATER RESOURCES ENGINEERING I	27	31	3
14BJ1A0107	RT32015	TRANSPORTATION ENGINEERING II	25	13	0
14BJ1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	38	3
14BJ1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
14BJ1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14BJ1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	22	16	0
14BJ1A0108	RT32012	GEOTECHNICAL ENGINEERING II	21	29	3
14BJ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	5	0
14BJ1A0108	RT32014	WATER RESOURCES ENGINEERING I	22	36	3
14BJ1A0108	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
14BJ1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	30	3
14BJ1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	47	2
14BJ1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	9	11	0
14BJ1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	17	29	3
14BJ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	16	13	0
14BJ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	6	0
14BJ1A0109	RT32014	WATER RESOURCES ENGINEERING I	8	33	3
14BJ1A0109	RT32015	TRANSPORTATION ENGINEERING II	5	0	0
14BJ1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	24	3
14BJ1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	59	2
14BJ1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	9	37	2
14BJ1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	19	60	3
14BJ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	33	3
14BJ1A0110	RT32014	WATER RESOURCES ENGINEERING I	22	60	3
14BJ1A0110	RT32015	TRANSPORTATION ENGINEERING II	14	9	0
14BJ1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	48	3
14BJ1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	62	2
14BJ1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
14BJ1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	23	31	3
14BJ1A0112	RT32012	GEOTECHNICAL ENGINEERING II	15	25	3
14BJ1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	24	3
14BJ1A0112	RT32014	WATER RESOURCES ENGINEERING I	23	30	3
14BJ1A0112	RT32015	TRANSPORTATION ENGINEERING II	22	33	3
14BJ1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	33	3
14BJ1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	59	2
14BJ1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	15	38	2
14BJ1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
14BJ1A0113	RT32012	GEOTECHNICAL ENGINEERING II	20	37	3
14BJ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	24	3
14BJ1A0113	RT32014	WATER RESOURCES ENGINEERING I	24	44	3
14BJ1A0113	RT32015	TRANSPORTATION ENGINEERING II	21	25	3
14BJ1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	36	3
14BJ1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	58	2
14BJ1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14BJ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	22	33	3
14BJ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	23	36	3
14BJ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	34	3
14BJ1A0114	RT32014	WATER RESOURCES ENGINEERING I	16	33	3
14BJ1A0114	RT32015	TRANSPORTATION ENGINEERING II	20	8	0
14BJ1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	49	3
14BJ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
14BJ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
14BJ1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	28	70	3
14BJ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	24	45	3
14BJ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	46	3
14BJ1A0115	RT32014	WATER RESOURCES ENGINEERING I	25	70	3
14BJ1A0115	RT32015	TRANSPORTATION ENGINEERING II	25	33	3
14BJ1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	52	3
14BJ1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	63	2
14BJ1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
14BJ1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	23	35	3
14BJ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	17	15	0
14BJ1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	34	3
14BJ1A0116	RT32014	WATER RESOURCES ENGINEERING I	16	6	0
14BJ1A0116	RT32015	TRANSPORTATION ENGINEERING II	24	10	0
14BJ1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	25	3
14BJ1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2
14BJ1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	18	44	2
14BJ1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	21	34	3
14BJ1A0117	RT32012	GEOTECHNICAL ENGINEERING II	16	9	0
14BJ1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	9	0
14BJ1A0117	RT32014	WATER RESOURCES ENGINEERING I	17	33	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0117	RT32015	TRANSPORTATION ENGINEERING II	16	3	0
14BJ1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	29	3
14BJ1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	60	2
14BJ1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14BJ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	22	38	3
14BJ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	23	47	3
14BJ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	35	3
14BJ1A0118	RT32014	WATER RESOURCES ENGINEERING I	22	49	3
14BJ1A0118	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
14BJ1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	45	3
14BJ1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
14BJ1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	20	47	2
14BJ1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	25	51	3
14BJ1A0119	RT32012	GEOTECHNICAL ENGINEERING II	24	36	3
14BJ1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	34	3
14BJ1A0119	RT32014	WATER RESOURCES ENGINEERING I	24	40	3
14BJ1A0119	RT32015	TRANSPORTATION ENGINEERING II	24	31	3
14BJ1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	46	3
14BJ1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	62	2
14BJ1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14BJ1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	16	0	0
14BJ1A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	18	0
14BJ1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	13	0
14BJ1A0120	RT32014	WATER RESOURCES ENGINEERING I	23	32	3
14BJ1A0120	RT32015	TRANSPORTATION ENGINEERING II	22	36	3
14BJ1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	24	3
14BJ1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	50	2
14BJ1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	11	39	2
14BJ1A0122	RT32011	ENVIRONMENTAL ENGINEERING I	19	12	0
14BJ1A0122	RT32012	GEOTECHNICAL ENGINEERING II	18	17	0
14BJ1A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	2	0
14BJ1A0122	RT32014	WATER RESOURCES ENGINEERING I	23	39	3
14BJ1A0122	RT32015	TRANSPORTATION ENGINEERING II	21	0	0
14BJ1A0122	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	26	3
14BJ1A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	50	2
14BJ1A0122	RT32018	TRANSPORTATION ENGINEERING LAB	17	39	2
14BJ1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	23	43	3
14BJ1A0123	RT32012	GEOTECHNICAL ENGINEERING II	19	41	3
14BJ1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	26	3
14BJ1A0123	RT32014	WATER RESOURCES ENGINEERING I	23	45	3
14BJ1A0123	RT32015	TRANSPORTATION ENGINEERING II	16	7	0
14BJ1A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	57	3
14BJ1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	61	2
14BJ1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	15	41	2
14BJ1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	24	44	3
14BJ1A0124	RT32012	GEOTECHNICAL ENGINEERING II	22	9	0
14BJ1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	34	3
14BJ1A0124	RT32014	WATER RESOURCES ENGINEERING I	24	70	3
14BJ1A0124	RT32015	TRANSPORTATION ENGINEERING II	23	39	3
14BJ1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	53	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	53	2
14BJ1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
14BJ1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	25	32	3
14BJ1A0125	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
14BJ1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	34	3
14BJ1A0125	RT32014	WATER RESOURCES ENGINEERING I	23	32	3
14BJ1A0125	RT32015	TRANSPORTATION ENGINEERING II	26	35	3
14BJ1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	33	3
14BJ1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	53	2
14BJ1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	19	45	2
14BJ1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	22	30	3
14BJ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
14BJ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	9	0
14BJ1A0127	RT32014	WATER RESOURCES ENGINEERING I	18	34	3
14BJ1A0127	RT32015	TRANSPORTATION ENGINEERING II	21	10	0
14BJ1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	34	3
14BJ1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
14BJ1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	18	43	2
14BJ1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	20	39	3
14BJ1A0128	RT32012	GEOTECHNICAL ENGINEERING II	19	14	0
14BJ1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	39	3
14BJ1A0128	RT32014	WATER RESOURCES ENGINEERING I	13	41	3
14BJ1A0128	RT32015	TRANSPORTATION ENGINEERING II	19	17	0
14BJ1A0128	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	56	3
14BJ1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	61	2
14BJ1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	16	39	2
14BJ1A0129	RT32011	ENVIRONMENTAL ENGINEERING I	26	46	3
14BJ1A0129	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
14BJ1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	24	3
14BJ1A0129	RT32014	WATER RESOURCES ENGINEERING I	21	61	3
14BJ1A0129	RT32015	TRANSPORTATION ENGINEERING II	21	25	3
14BJ1A0129	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	51	3
14BJ1A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	61	2
14BJ1A0129	RT32018	TRANSPORTATION ENGINEERING LAB	15	42	2
14BJ1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	24	38	3
14BJ1A0130	RT32012	GEOTECHNICAL ENGINEERING II	19	35	3
14BJ1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	25	3
14BJ1A0130	RT32014	WATER RESOURCES ENGINEERING I	20	38	3
14BJ1A0130	RT32015	TRANSPORTATION ENGINEERING II	21	36	3
14BJ1A0130	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	35	3
14BJ1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	59	2
14BJ1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	15	42	2
14BJ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	21	15	0
14BJ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	19	10	0
14BJ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	8	0
14BJ1A0131	RT32014	WATER RESOURCES ENGINEERING I	21	33	3
14BJ1A0131	RT32015	TRANSPORTATION ENGINEERING II	21	2	0
14BJ1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	35	3
14BJ1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	54	2
14BJ1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	17	43	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	20	38	3
14BJ1A0132	RT32012	GEOTECHNICAL ENGINEERING II	24	37	3
14BJ1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	35	3
14BJ1A0132	RT32014	WATER RESOURCES ENGINEERING I	23	48	3
14BJ1A0132	RT32015	TRANSPORTATION ENGINEERING II	21	31	3
14BJ1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	46	3
14BJ1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	61	2
14BJ1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	18	44	2
14BJ1A0134	RT32011	ENVIRONMENTAL ENGINEERING I	13	29	3
14BJ1A0134	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
14BJ1A0134	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A0134	RT32014	WATER RESOURCES ENGINEERING I	11	0	0
14BJ1A0134	RT32015	TRANSPORTATION ENGINEERING II	11	-1	0
14BJ1A0134	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	12	0
14BJ1A0134	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	-1	0
14BJ1A0134	RT32018	TRANSPORTATION ENGINEERING LAB	12	41	2
14BJ1A0135	RT32011	ENVIRONMENTAL ENGINEERING I	22	32	3
14BJ1A0135	RT32012	GEOTECHNICAL ENGINEERING II	22	36	3
14BJ1A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	15	0
14BJ1A0135	RT32014	WATER RESOURCES ENGINEERING I	21	51	3
14BJ1A0135	RT32015	TRANSPORTATION ENGINEERING II	17	43	3
14BJ1A0135	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	42	3
14BJ1A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	56	2
14BJ1A0135	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14BJ1A0136	RT32011	ENVIRONMENTAL ENGINEERING I	24	34	3
14BJ1A0136	RT32012	GEOTECHNICAL ENGINEERING II	19	27	3
14BJ1A0136	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	3	0
14BJ1A0136	RT32014	WATER RESOURCES ENGINEERING I	24	29	3
14BJ1A0136	RT32015	TRANSPORTATION ENGINEERING II	21	3	0
14BJ1A0136	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	35	3
14BJ1A0136	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	61	2
14BJ1A0136	RT32018	TRANSPORTATION ENGINEERING LAB	18	42	2
14BJ1A0137	RT32011	ENVIRONMENTAL ENGINEERING I	22	31	3
14BJ1A0137	RT32012	GEOTECHNICAL ENGINEERING II	19	30	3
14BJ1A0137	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	31	3
14BJ1A0137	RT32014	WATER RESOURCES ENGINEERING I	23	38	3
14BJ1A0137	RT32015	TRANSPORTATION ENGINEERING II	22	3	0
14BJ1A0137	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	54	3
14BJ1A0137	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	60	2
14BJ1A0137	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14BJ1A0138	RT32011	ENVIRONMENTAL ENGINEERING I	18	24	3
14BJ1A0138	RT32012	GEOTECHNICAL ENGINEERING II	18	38	3
14BJ1A0138	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	30	3
14BJ1A0138	RT32014	WATER RESOURCES ENGINEERING I	17	47	3
14BJ1A0138	RT32015	TRANSPORTATION ENGINEERING II	24	25	3
14BJ1A0138	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	48	3
14BJ1A0138	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	53	2
14BJ1A0138	RT32018	TRANSPORTATION ENGINEERING LAB	19	41	2
14BJ1A0139	RT32011	ENVIRONMENTAL ENGINEERING I	21	38	3
14BJ1A0139	RT32012	GEOTECHNICAL ENGINEERING II	22	39	3



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	7	0
14BJ1A0139	RT32014	WATER RESOURCES ENGINEERING I	24	38	3
14BJ1A0139	RT32015	TRANSPORTATION ENGINEERING II	25	35	3
14BJ1A0139	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	31	3
14BJ1A0139	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	65	2
14BJ1A0139	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
14BJ1A0140	RT32011	ENVIRONMENTAL ENGINEERING I	23	24	3
14BJ1A0140	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
14BJ1A0140	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	6	0
14BJ1A0140	RT32014	WATER RESOURCES ENGINEERING I	22	27	3
14BJ1A0140	RT32015	TRANSPORTATION ENGINEERING II	19	2	0
14BJ1A0140	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	26	3
14BJ1A0140	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	52	2
14BJ1A0140	RT32018	TRANSPORTATION ENGINEERING LAB	17	44	2
14BJ1A0141	RT32011	ENVIRONMENTAL ENGINEERING I	24	44	3
14BJ1A0141	RT32012	GEOTECHNICAL ENGINEERING II	18	33	3
14BJ1A0141	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	29	3
14BJ1A0141	RT32014	WATER RESOURCES ENGINEERING I	20	47	3
14BJ1A0141	RT32015	TRANSPORTATION ENGINEERING II	18	37	3
14BJ1A0141	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	60	3
14BJ1A0141	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	61	2
14BJ1A0141	RT32018	TRANSPORTATION ENGINEERING LAB	11	39	2
14BJ1A0142	RT32011	ENVIRONMENTAL ENGINEERING I	24	52	3
14BJ1A0142	RT32012	GEOTECHNICAL ENGINEERING II	21	41	3
14BJ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	17	0
14BJ1A0142	RT32014	WATER RESOURCES ENGINEERING I	27	43	3
14BJ1A0142	RT32015	TRANSPORTATION ENGINEERING II	24	-1	0
14BJ1A0142	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	50	3
14BJ1A0142	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	59	2
14BJ1A0142	RT32018	TRANSPORTATION ENGINEERING LAB	16	38	2
14BJ1A0143	RT32011	ENVIRONMENTAL ENGINEERING I	17	38	3
14BJ1A0143	RT32012	GEOTECHNICAL ENGINEERING II	22	42	3
14BJ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	14	0
14BJ1A0143	RT32014	WATER RESOURCES ENGINEERING I	18	44	3
14BJ1A0143	RT32015	TRANSPORTATION ENGINEERING II	22	39	3
14BJ1A0143	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	38	3
14BJ1A0143	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	58	2
14BJ1A0143	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14BJ1A0144	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
14BJ1A0144	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
14BJ1A0144	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	24	3
14BJ1A0144	RT32014	WATER RESOURCES ENGINEERING I	20	33	3
14BJ1A0144	RT32015	TRANSPORTATION ENGINEERING II	24	37	3
14BJ1A0144	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	42	3
14BJ1A0144	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
14BJ1A0144	RT32018	TRANSPORTATION ENGINEERING LAB	18	39	2
14BJ1A0145	RT32011	ENVIRONMENTAL ENGINEERING I	20	33	3
14BJ1A0145	RT32012	GEOTECHNICAL ENGINEERING II	19	45	3
14BJ1A0145	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	10	0
14BJ1A0145	RT32014	WATER RESOURCES ENGINEERING I	15	34	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0145	RT32015	TRANSPORTATION ENGINEERING II	23	11	0
14BJ1A0145	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	9	57	3
14BJ1A0145	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	54	2
14BJ1A0145	RT32018	TRANSPORTATION ENGINEERING LAB	14	40	2
14BJ1A0146	RT32011	ENVIRONMENTAL ENGINEERING I	18	34	3
14BJ1A0146	RT32012	GEOTECHNICAL ENGINEERING II	18	29	3
14BJ1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
14BJ1A0146	RT32014	WATER RESOURCES ENGINEERING I	21	50	3
14BJ1A0146	RT32015	TRANSPORTATION ENGINEERING II	24	27	3
14BJ1A0146	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	49	3
14BJ1A0146	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	60	2
14BJ1A0146	RT32018	TRANSPORTATION ENGINEERING LAB	18	45	2
14BJ1A0147	RT32011	ENVIRONMENTAL ENGINEERING I	19	45	3
14BJ1A0147	RT32012	GEOTECHNICAL ENGINEERING II	25	46	3
14BJ1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	40	3
14BJ1A0147	RT32014	WATER RESOURCES ENGINEERING I	24	60	3
14BJ1A0147	RT32015	TRANSPORTATION ENGINEERING II	27	59	3
14BJ1A0147	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	47	3
14BJ1A0147	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	63	2
14BJ1A0147	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
14BJ1A0148	RT32011	ENVIRONMENTAL ENGINEERING I	22	34	3
14BJ1A0148	RT32012	GEOTECHNICAL ENGINEERING II	18	35	3
14BJ1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	6	0
14BJ1A0148	RT32014	WATER RESOURCES ENGINEERING I	19	33	3
14BJ1A0148	RT32015	TRANSPORTATION ENGINEERING II	19	3	0
14BJ1A0148	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	39	3
14BJ1A0148	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	52	2
14BJ1A0148	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
14BJ1A0150	RT32011	ENVIRONMENTAL ENGINEERING I	23	37	3
14BJ1A0150	RT32012	GEOTECHNICAL ENGINEERING II	23	43	3
14BJ1A0150	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
14BJ1A0150	RT32014	WATER RESOURCES ENGINEERING I	25	39	3
14BJ1A0150	RT32015	TRANSPORTATION ENGINEERING II	23	13	0
14BJ1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	52	3
14BJ1A0150	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	57	2
14BJ1A0150	RT32018	TRANSPORTATION ENGINEERING LAB	18	41	2
14BJ1A0152	RT32011	ENVIRONMENTAL ENGINEERING I	22	52	3
14BJ1A0152	RT32012	GEOTECHNICAL ENGINEERING II	22	42	3
14BJ1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	42	3
14BJ1A0152	RT32014	WATER RESOURCES ENGINEERING I	20	49	3
14BJ1A0152	RT32015	TRANSPORTATION ENGINEERING II	23	30	3
14BJ1A0152	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	47	3
14BJ1A0152	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
14BJ1A0152	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
14BJ1A0153	RT32011	ENVIRONMENTAL ENGINEERING I	22	14	0
14BJ1A0153	RT32012	GEOTECHNICAL ENGINEERING II	19	31	3
14BJ1A0153	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	16	0
14BJ1A0153	RT32014	WATER RESOURCES ENGINEERING I	10	16	0
14BJ1A0153	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
14BJ1A0153	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	31	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0153	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	48	2
14BJ1A0153	RT32018	TRANSPORTATION ENGINEERING LAB	15	43	2
14BJ1A0154	RT32011	ENVIRONMENTAL ENGINEERING I	22	39	3
14BJ1A0154	RT32012	GEOTECHNICAL ENGINEERING II	22	34	3
14BJ1A0154	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	26	3
14BJ1A0154	RT32014	WATER RESOURCES ENGINEERING I	21	32	3
14BJ1A0154	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
14BJ1A0154	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	36	3
14BJ1A0154	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	53	2
14BJ1A0154	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
14BJ1A0155	RT32011	ENVIRONMENTAL ENGINEERING I	21	31	3
14BJ1A0155	RT32012	GEOTECHNICAL ENGINEERING II	22	37	3
14BJ1A0155	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	29	3
14BJ1A0155	RT32014	WATER RESOURCES ENGINEERING I	27	27	3
14BJ1A0155	RT32015	TRANSPORTATION ENGINEERING II	26	10	0
14BJ1A0155	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	35	3
14BJ1A0155	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
14BJ1A0155	RT32018	TRANSPORTATION ENGINEERING LAB	21	47	2
14BJ1A0156	RT32011	ENVIRONMENTAL ENGINEERING I	20	38	3
14BJ1A0156	RT32012	GEOTECHNICAL ENGINEERING II	21	3	0
14BJ1A0156	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	29	3
14BJ1A0156	RT32014	WATER RESOURCES ENGINEERING I	23	26	3
14BJ1A0156	RT32015	TRANSPORTATION ENGINEERING II	25	17	0
14BJ1A0156	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	45	3
14BJ1A0156	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	56	2
14BJ1A0156	RT32018	TRANSPORTATION ENGINEERING LAB	9	35	2
14BJ1A0157	RT32011	ENVIRONMENTAL ENGINEERING I	23	24	3
14BJ1A0157	RT32012	GEOTECHNICAL ENGINEERING II	23	31	3
14BJ1A0157	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	11	0
14BJ1A0157	RT32014	WATER RESOURCES ENGINEERING I	24	36	3
14BJ1A0157	RT32015	TRANSPORTATION ENGINEERING II	23	38	3
14BJ1A0157	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	37	3
14BJ1A0157	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
14BJ1A0157	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14BJ1A0158	RT32011	ENVIRONMENTAL ENGINEERING I	19	16	0
14BJ1A0158	RT32012	GEOTECHNICAL ENGINEERING II	16	24	3
14BJ1A0158	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	12	0
14BJ1A0158	RT32014	WATER RESOURCES ENGINEERING I	17	35	3
14BJ1A0158	RT32015	TRANSPORTATION ENGINEERING II	12	10	0
14BJ1A0158	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	38	3
14BJ1A0158	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	54	2
14BJ1A0158	RT32018	TRANSPORTATION ENGINEERING LAB	18	48	2
14BJ1A0160	RT32011	ENVIRONMENTAL ENGINEERING I	23	47	3
14BJ1A0160	RT32012	GEOTECHNICAL ENGINEERING II	19	56	3
14BJ1A0160	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	44	3
14BJ1A0160	RT32014	WATER RESOURCES ENGINEERING I	23	46	3
14BJ1A0160	RT32015	TRANSPORTATION ENGINEERING II	26	24	3
14BJ1A0160	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	62	3
14BJ1A0160	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	60	2
14BJ1A0160	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0161	RT32011	ENVIRONMENTAL ENGINEERING I	26	59	3
14BJ1A0161	RT32012	GEOTECHNICAL ENGINEERING II	22	38	3
14BJ1A0161	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	40	3
14BJ1A0161	RT32014	WATER RESOURCES ENGINEERING I	22	63	3
14BJ1A0161	RT32015	TRANSPORTATION ENGINEERING II	24	37	3
14BJ1A0161	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	50	3
14BJ1A0161	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	66	2
14BJ1A0161	RT32018	TRANSPORTATION ENGINEERING LAB	21	44	2
14BJ1A0162	RT32011	ENVIRONMENTAL ENGINEERING I	27	32	3
14BJ1A0162	RT32012	GEOTECHNICAL ENGINEERING II	24	62	3
14BJ1A0162	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	43	3
14BJ1A0162	RT32014	WATER RESOURCES ENGINEERING I	29	66	3
14BJ1A0162	RT32015	TRANSPORTATION ENGINEERING II	27	50	3
14BJ1A0162	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	46	3
14BJ1A0162	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
14BJ1A0162	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
14BJ1A0163	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
14BJ1A0163	RT32012	GEOTECHNICAL ENGINEERING II	23	28	3
14BJ1A0163	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	36	3
14BJ1A0163	RT32014	WATER RESOURCES ENGINEERING I	28	42	3
14BJ1A0163	RT32015	TRANSPORTATION ENGINEERING II	27	29	3
14BJ1A0163	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	45	3
14BJ1A0163	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	64	2
14BJ1A0163	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
14BJ1A0164	RT32011	ENVIRONMENTAL ENGINEERING I	27	49	3
14BJ1A0164	RT32012	GEOTECHNICAL ENGINEERING II	24	45	3
14BJ1A0164	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	46	3
14BJ1A0164	RT32014	WATER RESOURCES ENGINEERING I	27	57	3
14BJ1A0164	RT32015	TRANSPORTATION ENGINEERING II	28	31	3
14BJ1A0164	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	54	3
14BJ1A0164	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
14BJ1A0164	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
14BJ1A0165	RT32011	ENVIRONMENTAL ENGINEERING I	26	64	3
14BJ1A0165	RT32012	GEOTECHNICAL ENGINEERING II	27	41	3
14BJ1A0165	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	39	3
14BJ1A0165	RT32014	WATER RESOURCES ENGINEERING I	26	70	3
14BJ1A0165	RT32015	TRANSPORTATION ENGINEERING II	29	35	3
14BJ1A0165	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	51	3
14BJ1A0165	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	61	2
14BJ1A0165	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
14BJ1A0166	RT32011	ENVIRONMENTAL ENGINEERING I	23	24	3
14BJ1A0166	RT32012	GEOTECHNICAL ENGINEERING II	20	15	0
14BJ1A0166	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	11	0
14BJ1A0166	RT32014	WATER RESOURCES ENGINEERING I	21	9	0
14BJ1A0166	RT32015	TRANSPORTATION ENGINEERING II	23	3	0
14BJ1A0166	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	18	0
14BJ1A0166	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	55	2
14BJ1A0166	RT32018	TRANSPORTATION ENGINEERING LAB	16	40	2
14BJ1A0168	RT32011	ENVIRONMENTAL ENGINEERING I	22	50	3
14BJ1A0168	RT32012	GEOTECHNICAL ENGINEERING II	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0168	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	24	3
14BJ1A0168	RT32014	WATER RESOURCES ENGINEERING I	22	45	3
14BJ1A0168	RT32015	TRANSPORTATION ENGINEERING II	28	19	0
14BJ1A0168	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	38	3
14BJ1A0168	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	60	2
14BJ1A0168	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
14BJ1A0169	RT32011	ENVIRONMENTAL ENGINEERING I	25	27	3
14BJ1A0169	RT32012	GEOTECHNICAL ENGINEERING II	20	47	3
14BJ1A0169	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	47	3
14BJ1A0169	RT32014	WATER RESOURCES ENGINEERING I	22	41	3
14BJ1A0169	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
14BJ1A0169	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	51	3
14BJ1A0169	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	49	2
14BJ1A0169	RT32018	TRANSPORTATION ENGINEERING LAB	15	48	2
14BJ1A0170	RT32011	ENVIRONMENTAL ENGINEERING I	22	34	3
14BJ1A0170	RT32012	GEOTECHNICAL ENGINEERING II	19	6	0
14BJ1A0170	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	8	0
14BJ1A0170	RT32014	WATER RESOURCES ENGINEERING I	21	46	3
14BJ1A0170	RT32015	TRANSPORTATION ENGINEERING II	23	16	0
14BJ1A0170	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	47	3
14BJ1A0170	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	53	2
14BJ1A0170	RT32018	TRANSPORTATION ENGINEERING LAB	15	43	2
14BJ1A0171	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
14BJ1A0171	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
14BJ1A0171	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A0171	RT32014	WATER RESOURCES ENGINEERING I	2	-1	0
14BJ1A0171	RT32015	TRANSPORTATION ENGINEERING II	5	-1	0
14BJ1A0171	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
14BJ1A0171	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
14BJ1A0171	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
14BJ1A0172	RT32011	ENVIRONMENTAL ENGINEERING I	20	37	3
14BJ1A0172	RT32012	GEOTECHNICAL ENGINEERING II	14	13	0
14BJ1A0172	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	11	0
14BJ1A0172	RT32014	WATER RESOURCES ENGINEERING I	17	30	3
14BJ1A0172	RT32015	TRANSPORTATION ENGINEERING II	16	6	0
14BJ1A0172	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	35	3
14BJ1A0172	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	58	2
14BJ1A0172	RT32018	TRANSPORTATION ENGINEERING LAB	18	46	2
14BJ1A0173	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
14BJ1A0173	RT32012	GEOTECHNICAL ENGINEERING II	5	-1	0
14BJ1A0173	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A0173	RT32014	WATER RESOURCES ENGINEERING I	2	-1	0
14BJ1A0173	RT32015	TRANSPORTATION ENGINEERING II	5	-1	0
14BJ1A0173	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
14BJ1A0173	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
14BJ1A0173	RT32018	TRANSPORTATION ENGINEERING LAB	13	-1	0
14BJ1A0174	RT32011	ENVIRONMENTAL ENGINEERING I	19	27	3
14BJ1A0174	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
14BJ1A0174	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	24	3
14BJ1A0174	RT32014	WATER RESOURCES ENGINEERING I	16	42	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0174	RT32015	TRANSPORTATION ENGINEERING II	23	16	0
14BJ1A0174	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	37	3
14BJ1A0174	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	59	2
14BJ1A0174	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
14BJ1A0175	RT32011	ENVIRONMENTAL ENGINEERING I	18	30	3
14BJ1A0175	RT32012	GEOTECHNICAL ENGINEERING II	11	21	0
14BJ1A0175	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	15	0
14BJ1A0175	RT32014	WATER RESOURCES ENGINEERING I	15	8	0
14BJ1A0175	RT32015	TRANSPORTATION ENGINEERING II	15	25	3
14BJ1A0175	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	2	0
14BJ1A0175	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	55	2
14BJ1A0175	RT32018	TRANSPORTATION ENGINEERING LAB	16	40	2
14BJ1A0176	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
14BJ1A0176	RT32012	GEOTECHNICAL ENGINEERING II	23	17	0
14BJ1A0176	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	11	0
14BJ1A0176	RT32014	WATER RESOURCES ENGINEERING I	21	28	3
14BJ1A0176	RT32015	TRANSPORTATION ENGINEERING II	23	11	0
14BJ1A0176	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	31	3
14BJ1A0176	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	58	2
14BJ1A0176	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14BJ1A0177	RT32011	ENVIRONMENTAL ENGINEERING I	26	41	3
14BJ1A0177	RT32012	GEOTECHNICAL ENGINEERING II	17	41	3
14BJ1A0177	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	31	3
14BJ1A0177	RT32014	WATER RESOURCES ENGINEERING I	24	51	3
14BJ1A0177	RT32015	TRANSPORTATION ENGINEERING II	25	13	0
14BJ1A0177	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	45	3
14BJ1A0177	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	59	2
14BJ1A0177	RT32018	TRANSPORTATION ENGINEERING LAB	15	41	2
14BJ1A0179	RT32011	ENVIRONMENTAL ENGINEERING I	25	53	3
14BJ1A0179	RT32012	GEOTECHNICAL ENGINEERING II	24	36	3
14BJ1A0179	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	33	3
14BJ1A0179	RT32014	WATER RESOURCES ENGINEERING I	23	70	3
14BJ1A0179	RT32015	TRANSPORTATION ENGINEERING II	25	27	3
14BJ1A0179	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	52	3
14BJ1A0179	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	60	2
14BJ1A0179	RT32018	TRANSPORTATION ENGINEERING LAB	21	48	2
14BJ1A0180	RT32011	ENVIRONMENTAL ENGINEERING I	23	36	3
14BJ1A0180	RT32012	GEOTECHNICAL ENGINEERING II	21	45	3
14BJ1A0180	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	16	0
14BJ1A0180	RT32014	WATER RESOURCES ENGINEERING I	21	31	3
14BJ1A0180	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
14BJ1A0180	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	54	3
14BJ1A0180	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	62	2
14BJ1A0180	RT32018	TRANSPORTATION ENGINEERING LAB	17	46	2
14BJ1A0181	RT32011	ENVIRONMENTAL ENGINEERING I	22	11	0
14BJ1A0181	RT32012	GEOTECHNICAL ENGINEERING II	17	9	0
14BJ1A0181	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	-1	0
14BJ1A0181	RT32014	WATER RESOURCES ENGINEERING I	17	5	0
14BJ1A0181	RT32015	TRANSPORTATION ENGINEERING II	25	0	0
14BJ1A0181	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	7	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0181	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	55	2
14BJ1A0181	RT32018	TRANSPORTATION ENGINEERING LAB	18	41	2
14BJ1A0182	RT32011	ENVIRONMENTAL ENGINEERING I	25	38	3
14BJ1A0182	RT32012	GEOTECHNICAL ENGINEERING II	27	44	3
14BJ1A0182	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	26	3
14BJ1A0182	RT32014	WATER RESOURCES ENGINEERING I	23	46	3
14BJ1A0182	RT32015	TRANSPORTATION ENGINEERING II	24	33	3
14BJ1A0182	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	40	3
14BJ1A0182	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
14BJ1A0182	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14BJ1A0183	RT32011	ENVIRONMENTAL ENGINEERING I	15	12	0
14BJ1A0183	RT32012	GEOTECHNICAL ENGINEERING II	17	0	0
14BJ1A0183	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	14	0
14BJ1A0183	RT32014	WATER RESOURCES ENGINEERING I	22	3	0
14BJ1A0183	RT32015	TRANSPORTATION ENGINEERING II	18	4	0
14BJ1A0183	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	5	0
14BJ1A0183	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	50	2
14BJ1A0183	RT32018	TRANSPORTATION ENGINEERING LAB	15	45	2
14BJ1A0184	RT32011	ENVIRONMENTAL ENGINEERING I	23	33	3
14BJ1A0184	RT32012	GEOTECHNICAL ENGINEERING II	26	39	3
14BJ1A0184	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	33	3
14BJ1A0184	RT32014	WATER RESOURCES ENGINEERING I	24	33	3
14BJ1A0184	RT32015	TRANSPORTATION ENGINEERING II	29	24	3
14BJ1A0184	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	34	3
14BJ1A0184	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	64	2
14BJ1A0184	RT32018	TRANSPORTATION ENGINEERING LAB	20	46	2
14BJ1A0185	RT32011	ENVIRONMENTAL ENGINEERING I	22	33	3
14BJ1A0185	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
14BJ1A0185	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	14	0
14BJ1A0185	RT32014	WATER RESOURCES ENGINEERING I	24	36	3
14BJ1A0185	RT32015	TRANSPORTATION ENGINEERING II	26	29	3
14BJ1A0185	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	36	3
14BJ1A0185	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	64	2
14BJ1A0185	RT32018	TRANSPORTATION ENGINEERING LAB	17	46	2
14BJ1A0186	RT32011	ENVIRONMENTAL ENGINEERING I	27	53	3
14BJ1A0186	RT32012	GEOTECHNICAL ENGINEERING II	25	45	3
14BJ1A0186	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	53	3
14BJ1A0186	RT32014	WATER RESOURCES ENGINEERING I	25	62	3
14BJ1A0186	RT32015	TRANSPORTATION ENGINEERING II	23	35	3
14BJ1A0186	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	51	3
14BJ1A0186	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	59	2
14BJ1A0186	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14BJ1A0187	RT32011	ENVIRONMENTAL ENGINEERING I	23	47	3
14BJ1A0187	RT32012	GEOTECHNICAL ENGINEERING II	21	36	3
14BJ1A0187	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	29	3
14BJ1A0187	RT32014	WATER RESOURCES ENGINEERING I	18	64	3
14BJ1A0187	RT32015	TRANSPORTATION ENGINEERING II	25	27	3
14BJ1A0187	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	47	3
14BJ1A0187	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	51	2
14BJ1A0187	RT32018	TRANSPORTATION ENGINEERING LAB	16	46	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0188	RT32011	ENVIRONMENTAL ENGINEERING I	23	32	3
14BJ1A0188	RT32012	GEOTECHNICAL ENGINEERING II	14	39	3
14BJ1A0188	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	28	3
14BJ1A0188	RT32014	WATER RESOURCES ENGINEERING I	16	31	3
14BJ1A0188	RT32015	TRANSPORTATION ENGINEERING II	21	34	3
14BJ1A0188	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	49	3
14BJ1A0188	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	65	2
14BJ1A0188	RT32018	TRANSPORTATION ENGINEERING LAB	20	44	2
14BJ1A0189	RT32011	ENVIRONMENTAL ENGINEERING I	22	12	0
14BJ1A0189	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
14BJ1A0189	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	5	0
14BJ1A0189	RT32014	WATER RESOURCES ENGINEERING I	22	27	3
14BJ1A0189	RT32015	TRANSPORTATION ENGINEERING II	24	3	0
14BJ1A0189	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	39	3
14BJ1A0189	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2
14BJ1A0189	RT32018	TRANSPORTATION ENGINEERING LAB	18	45	2
14BJ1A0190	RT32011	ENVIRONMENTAL ENGINEERING I	26	38	3
14BJ1A0190	RT32012	GEOTECHNICAL ENGINEERING II	19	35	3
14BJ1A0190	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	31	3
14BJ1A0190	RT32014	WATER RESOURCES ENGINEERING I	24	49	3
14BJ1A0190	RT32015	TRANSPORTATION ENGINEERING II	26	15	0
14BJ1A0190	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	60	3
14BJ1A0190	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
14BJ1A0190	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14BJ1A0191	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
14BJ1A0191	RT32012	GEOTECHNICAL ENGINEERING II	5	-1	0
14BJ1A0191	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A0191	RT32014	WATER RESOURCES ENGINEERING I	4	-1	0
14BJ1A0191	RT32015	TRANSPORTATION ENGINEERING II	5	-1	0
14BJ1A0191	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
14BJ1A0191	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
14BJ1A0191	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
14BJ1A0192	RT32011	ENVIRONMENTAL ENGINEERING I	24	33	3
14BJ1A0192	RT32012	GEOTECHNICAL ENGINEERING II	26	39	3
14BJ1A0192	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	38	3
14BJ1A0192	RT32014	WATER RESOURCES ENGINEERING I	27	69	3
14BJ1A0192	RT32015	TRANSPORTATION ENGINEERING II	25	41	3
14BJ1A0192	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	34	3
14BJ1A0192	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
14BJ1A0192	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
14BJ1A0193	RT32011	ENVIRONMENTAL ENGINEERING I	20	3	0
14BJ1A0193	RT32012	GEOTECHNICAL ENGINEERING II	20	7	0
14BJ1A0193	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	0	0
14BJ1A0193	RT32014	WATER RESOURCES ENGINEERING I	19	17	0
14BJ1A0193	RT32015	TRANSPORTATION ENGINEERING II	25	0	0
14BJ1A0193	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	4	0
14BJ1A0193	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	60	2
14BJ1A0193	RT32018	TRANSPORTATION ENGINEERING LAB	7	15	0
14BJ1A0195	RT32011	ENVIRONMENTAL ENGINEERING I	22	39	3
14BJ1A0195	RT32012	GEOTECHNICAL ENGINEERING II	14	46	3



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0195	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	26	3
14BJ1A0195	RT32014	WATER RESOURCES ENGINEERING I	17	40	3
14BJ1A0195	RT32015	TRANSPORTATION ENGINEERING II	22	24	3
14BJ1A0195	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	36	3
14BJ1A0195	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	57	2
14BJ1A0195	RT32018	TRANSPORTATION ENGINEERING LAB	16	42	2
14BJ1A0197	RT32011	ENVIRONMENTAL ENGINEERING I	23	40	3
14BJ1A0197	RT32012	GEOTECHNICAL ENGINEERING II	17	15	0
14BJ1A0197	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	28	3
14BJ1A0197	RT32014	WATER RESOURCES ENGINEERING I	19	46	3
14BJ1A0197	RT32015	TRANSPORTATION ENGINEERING II	19	24	3
14BJ1A0197	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	46	3
14BJ1A0197	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	55	2
14BJ1A0197	RT32018	TRANSPORTATION ENGINEERING LAB	17	45	2
14BJ1A0198	RT32011	ENVIRONMENTAL ENGINEERING I	24	15	0
14BJ1A0198	RT32012	GEOTECHNICAL ENGINEERING II	16	26	3
14BJ1A0198	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	16	0
14BJ1A0198	RT32014	WATER RESOURCES ENGINEERING I	18	35	3
14BJ1A0198	RT32015	TRANSPORTATION ENGINEERING II	23	34	3
14BJ1A0198	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	24	3
14BJ1A0198	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	43	2
14BJ1A0198	RT32018	TRANSPORTATION ENGINEERING LAB	14	45	2
14BJ1A0199	RT32011	ENVIRONMENTAL ENGINEERING I	21	33	3
14BJ1A0199	RT32012	GEOTECHNICAL ENGINEERING II	19	6	0
14BJ1A0199	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	2	0
14BJ1A0199	RT32014	WATER RESOURCES ENGINEERING I	17	32	3
14BJ1A0199	RT32015	TRANSPORTATION ENGINEERING II	24	26	3
14BJ1A0199	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	36	3
14BJ1A0199	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	58	2
14BJ1A0199	RT32018	TRANSPORTATION ENGINEERING LAB	16	44	2
14BJ1A01A0	RT32011	ENVIRONMENTAL ENGINEERING I	26	56	3
14BJ1A01A0	RT32012	GEOTECHNICAL ENGINEERING II	20	47	3
14BJ1A01A0	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	36	3
14BJ1A01A0	RT32014	WATER RESOURCES ENGINEERING I	24	49	3
14BJ1A01A0	RT32015	TRANSPORTATION ENGINEERING II	29	26	3
14BJ1A01A0	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	51	3
14BJ1A01A0	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	68	2
14BJ1A01A0	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14BJ1A01A1	RT32011	ENVIRONMENTAL ENGINEERING I	21	47	3
14BJ1A01A1	RT32012	GEOTECHNICAL ENGINEERING II	16	36	3
14BJ1A01A1	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	24	3
14BJ1A01A1	RT32014	WATER RESOURCES ENGINEERING I	21	54	3
14BJ1A01A1	RT32015	TRANSPORTATION ENGINEERING II	22	35	3
14BJ1A01A1	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	39	3
14BJ1A01A1	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	51	2
14BJ1A01A1	RT32018	TRANSPORTATION ENGINEERING LAB	23	45	2
14BJ1A01A2	RT32011	ENVIRONMENTAL ENGINEERING I	27	46	3
14BJ1A01A2	RT32012	GEOTECHNICAL ENGINEERING II	21	40	3
14BJ1A01A2	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	32	3
14BJ1A01A2	RT32014	WATER RESOURCES ENGINEERING I	25	54	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A01A2	RT32015	TRANSPORTATION ENGINEERING II	27	38	3
14BJ1A01A2	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	34	3
14BJ1A01A2	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	50	2
14BJ1A01A2	RT32018	TRANSPORTATION ENGINEERING LAB	21	46	2
14BJ1A01A5	RT32011	ENVIRONMENTAL ENGINEERING I	22	16	0
14BJ1A01A5	RT32012	GEOTECHNICAL ENGINEERING II	18	19	0
14BJ1A01A5	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	6	0
14BJ1A01A5	RT32014	WATER RESOURCES ENGINEERING I	19	29	3
14BJ1A01A5	RT32015	TRANSPORTATION ENGINEERING II	21	24	3
14BJ1A01A5	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	26	3
14BJ1A01A5	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	54	2
14BJ1A01A5	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
14BJ1A01A6	RT32011	ENVIRONMENTAL ENGINEERING I	15	25	3
14BJ1A01A6	RT32012	GEOTECHNICAL ENGINEERING II	22	8	0
14BJ1A01A6	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	26	3
14BJ1A01A6	RT32014	WATER RESOURCES ENGINEERING I	20	8	0
14BJ1A01A6	RT32015	TRANSPORTATION ENGINEERING II	16	6	0
14BJ1A01A6	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	2	0
14BJ1A01A6	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	48	2
14BJ1A01A6	RT32018	TRANSPORTATION ENGINEERING LAB	16	43	2
14BJ1A01A7	RT32011	ENVIRONMENTAL ENGINEERING I	14	34	3
14BJ1A01A7	RT32012	GEOTECHNICAL ENGINEERING II	19	14	0
14BJ1A01A7	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	25	3
14BJ1A01A7	RT32014	WATER RESOURCES ENGINEERING I	16	70	3
14BJ1A01A7	RT32015	TRANSPORTATION ENGINEERING II	17	28	3
14BJ1A01A7	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	49	3
14BJ1A01A7	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	37	2
14BJ1A01A7	RT32018	TRANSPORTATION ENGINEERING LAB	19	47	2
14BJ1A01A8	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
14BJ1A01A8	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
14BJ1A01A8	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
14BJ1A01A8	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
14BJ1A01A8	RT32015	TRANSPORTATION ENGINEERING II	5	-1	0
14BJ1A01A8	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
14BJ1A01A8	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	-1	0
14BJ1A01A8	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
14BJ1A01A9	RT32011	ENVIRONMENTAL ENGINEERING I	25	32	3
14BJ1A01A9	RT32012	GEOTECHNICAL ENGINEERING II	22	25	3
14BJ1A01A9	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	24	3
14BJ1A01A9	RT32014	WATER RESOURCES ENGINEERING I	23	-1	0
14BJ1A01A9	RT32015	TRANSPORTATION ENGINEERING II	22	-1	0
14BJ1A01A9	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	-1	0
14BJ1A01A9	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	64	2
14BJ1A01A9	RT32018	TRANSPORTATION ENGINEERING LAB	19	47	2
14BJ1A01B1	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
14BJ1A01B1	RT32012	GEOTECHNICAL ENGINEERING II	17	42	3
14BJ1A01B1	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	35	3
14BJ1A01B1	RT32014	WATER RESOURCES ENGINEERING I	22	45	3
14BJ1A01B1	RT32015	TRANSPORTATION ENGINEERING II	22	17	0
14BJ1A01B1	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	40	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A01B1	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
14BJ1A01B1	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14BJ1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	32	3
14BJ1A0201	RT32022	SWITCHGEAR AND PROTECTION	28	24	3
14BJ1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	35	3
14BJ1A0201	RT32024	POWER SYSTEM ANALYSIS	25	42	3
14BJ1A0201	RT32025	MANAGEMENT SCIENCE	28	36	3
14BJ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	29	49	3
14BJ1A0201	RT32027	POWER ELECTRONICS LAB	25	50	2
14BJ1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	28	3
14BJ1A0202	RT32022	SWITCHGEAR AND PROTECTION	27	49	3
14BJ1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	38	3
14BJ1A0202	RT32024	POWER SYSTEM ANALYSIS	24	29	3
14BJ1A0202	RT32025	MANAGEMENT SCIENCE	28	39	3
14BJ1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	24	37	3
14BJ1A0202	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
14BJ1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	50	3
14BJ1A0203	RT32022	SWITCHGEAR AND PROTECTION	29	30	3
14BJ1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	44	3
14BJ1A0203	RT32024	POWER SYSTEM ANALYSIS	23	57	3
14BJ1A0203	RT32025	MANAGEMENT SCIENCE	29	28	3
14BJ1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	29	52	3
14BJ1A0203	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	56	3
14BJ1A0204	RT32022	SWITCHGEAR AND PROTECTION	24	27	3
14BJ1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	46	3
14BJ1A0204	RT32024	POWER SYSTEM ANALYSIS	29	57	3
14BJ1A0204	RT32025	MANAGEMENT SCIENCE	26	34	3
14BJ1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	23	42	3
14BJ1A0204	RT32027	POWER ELECTRONICS LAB	23	48	2
14BJ1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	15	0
14BJ1A0205	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
14BJ1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	26	3
14BJ1A0205	RT32024	POWER SYSTEM ANALYSIS	26	25	3
14BJ1A0205	RT32025	MANAGEMENT SCIENCE	27	24	3
14BJ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	26	32	3
14BJ1A0205	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
14BJ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	28	3
14BJ1A0206	RT32022	SWITCHGEAR AND PROTECTION	29	36	3
14BJ1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	30	39	3
14BJ1A0206	RT32024	POWER SYSTEM ANALYSIS	30	54	3
14BJ1A0206	RT32025	MANAGEMENT SCIENCE	30	40	3
14BJ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	30	31	3
14BJ1A0206	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	48	3
14BJ1A0207	RT32022	SWITCHGEAR AND PROTECTION	29	35	3
14BJ1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	59	3
14BJ1A0207	RT32024	POWER SYSTEM ANALYSIS	27	54	3
14BJ1A0207	RT32025	MANAGEMENT SCIENCE	29	40	3
14BJ1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	29	56	3
14BJ1A0207	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	17	0
14BJ1A0208	RT32022	SWITCHGEAR AND PROTECTION	25	29	3
14BJ1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	47	3
14BJ1A0208	RT32024	POWER SYSTEM ANALYSIS	23	15	0
14BJ1A0208	RT32025	MANAGEMENT SCIENCE	26	33	3
14BJ1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	24	33	3
14BJ1A0208	RT32027	POWER ELECTRONICS LAB	25	48	2
14BJ1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	7	0
14BJ1A0209	RT32022	SWITCHGEAR AND PROTECTION	26	25	3
14BJ1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	24	3
14BJ1A0209	RT32024	POWER SYSTEM ANALYSIS	27	27	3
14BJ1A0209	RT32025	MANAGEMENT SCIENCE	24	24	3
14BJ1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	24	28	3
14BJ1A0209	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
14BJ1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	5	0
14BJ1A0210	RT32022	SWITCHGEAR AND PROTECTION	10	0	0
14BJ1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	29	3
14BJ1A0210	RT32024	POWER SYSTEM ANALYSIS	19	3	0
14BJ1A0210	RT32025	MANAGEMENT SCIENCE	23	10	0
14BJ1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	20	0	0
14BJ1A0210	RT32027	POWER ELECTRONICS LAB	22	45	2
14BJ1A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
14BJ1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	4	0
14BJ1A0211	RT32022	SWITCHGEAR AND PROTECTION	18	0	0
14BJ1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	5	0
14BJ1A0211	RT32024	POWER SYSTEM ANALYSIS	23	0	0
14BJ1A0211	RT32025	MANAGEMENT SCIENCE	21	1	0
14BJ1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	13	20	0
14BJ1A0211	RT32027	POWER ELECTRONICS LAB	7	33	2
14BJ1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	12	35	2
14BJ1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	37	3
14BJ1A0213	RT32022	SWITCHGEAR AND PROTECTION	29	35	3
14BJ1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	44	3
14BJ1A0213	RT32024	POWER SYSTEM ANALYSIS	29	44	3
14BJ1A0213	RT32025	MANAGEMENT SCIENCE	26	36	3
14BJ1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	27	50	3
14BJ1A0213	RT32027	POWER ELECTRONICS LAB	25	50	2
14BJ1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
14BJ1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	14	0
14BJ1A0215	RT32022	SWITCHGEAR AND PROTECTION	24	25	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	24	3
14BJ1A0215	RT32024	POWER SYSTEM ANALYSIS	27	44	3
14BJ1A0215	RT32025	MANAGEMENT SCIENCE	25	35	3
14BJ1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	24	38	3
14BJ1A0215	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
14BJ1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	39	3
14BJ1A0217	RT32022	SWITCHGEAR AND PROTECTION	29	31	3
14BJ1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	13	0
14BJ1A0217	RT32024	POWER SYSTEM ANALYSIS	29	50	3
14BJ1A0217	RT32025	MANAGEMENT SCIENCE	28	36	3
14BJ1A0217	RT32026	POWER SEMICONDUCTOR DRIVES	27	41	3
14BJ1A0217	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
14BJ1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	40	3
14BJ1A0218	RT32022	SWITCHGEAR AND PROTECTION	26	10	0
14BJ1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
14BJ1A0218	RT32024	POWER SYSTEM ANALYSIS	26	18	0
14BJ1A0218	RT32025	MANAGEMENT SCIENCE	27	24	3
14BJ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	25	36	3
14BJ1A0218	RT32027	POWER ELECTRONICS LAB	12	35	2
14BJ1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	12	36	2
14BJ1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	36	3
14BJ1A0219	RT32022	SWITCHGEAR AND PROTECTION	29	28	3
14BJ1A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	43	3
14BJ1A0219	RT32024	POWER SYSTEM ANALYSIS	27	48	3
14BJ1A0219	RT32025	MANAGEMENT SCIENCE	29	37	3
14BJ1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	29	53	3
14BJ1A0219	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	11	0
14BJ1A0220	RT32022	SWITCHGEAR AND PROTECTION	28	27	3
14BJ1A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	35	3
14BJ1A0220	RT32024	POWER SYSTEM ANALYSIS	28	39	3
14BJ1A0220	RT32025	MANAGEMENT SCIENCE	27	27	3
14BJ1A0220	RT32026	POWER SEMICONDUCTOR DRIVES	23	42	3
14BJ1A0220	RT32027	POWER ELECTRONICS LAB	23	48	2
14BJ1A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
14BJ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	24	3
14BJ1A0221	RT32022	SWITCHGEAR AND PROTECTION	24	33	3
14BJ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	30	3
14BJ1A0221	RT32024	POWER SYSTEM ANALYSIS	23	35	3
14BJ1A0221	RT32025	MANAGEMENT SCIENCE	25	31	3
14BJ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	27	31	3
14BJ1A0221	RT32027	POWER ELECTRONICS LAB	24	47	2
14BJ1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
14BJ1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	29	3
14BJ1A0223	RT32022	SWITCHGEAR AND PROTECTION	24	7	0
14BJ1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	5	0
14BJ1A0223	RT32024	POWER SYSTEM ANALYSIS	25	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0223	RT32025	MANAGEMENT SCIENCE	26	17	0
14BJ1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	25	18	0
14BJ1A0223	RT32027	POWER ELECTRONICS LAB	23	46	2
14BJ1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
14BJ1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	41	3
14BJ1A0224	RT32022	SWITCHGEAR AND PROTECTION	27	30	3
14BJ1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	30	46	3
14BJ1A0224	RT32024	POWER SYSTEM ANALYSIS	27	37	3
14BJ1A0224	RT32025	MANAGEMENT SCIENCE	29	33	3
14BJ1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	27	53	3
14BJ1A0224	RT32027	POWER ELECTRONICS LAB	25	46	2
14BJ1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	7	0
14BJ1A0225	RT32022	SWITCHGEAR AND PROTECTION	27	36	3
14BJ1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	53	3
14BJ1A0225	RT32024	POWER SYSTEM ANALYSIS	25	28	3
14BJ1A0225	RT32025	MANAGEMENT SCIENCE	28	25	3
14BJ1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	28	45	3
14BJ1A0225	RT32027	POWER ELECTRONICS LAB	25	49	2
14BJ1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
14BJ1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	24	3
14BJ1A0226	RT32022	SWITCHGEAR AND PROTECTION	20	30	3
14BJ1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	28	3
14BJ1A0226	RT32024	POWER SYSTEM ANALYSIS	19	12	0
14BJ1A0226	RT32025	MANAGEMENT SCIENCE	27	35	3
14BJ1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	16	27	3
14BJ1A0226	RT32027	POWER ELECTRONICS LAB	24	47	2
14BJ1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
14BJ1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	25	3
14BJ1A0227	RT32022	SWITCHGEAR AND PROTECTION	26	29	3
14BJ1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	24	3
14BJ1A0227	RT32024	POWER SYSTEM ANALYSIS	21	29	3
14BJ1A0227	RT32025	MANAGEMENT SCIENCE	27	26	3
14BJ1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	24	31	3
14BJ1A0227	RT32027	POWER ELECTRONICS LAB	22	45	2
14BJ1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
14BJ1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	33	3
14BJ1A0229	RT32022	SWITCHGEAR AND PROTECTION	27	9	0
14BJ1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	44	3
14BJ1A0229	RT32024	POWER SYSTEM ANALYSIS	27	24	3
14BJ1A0229	RT32025	MANAGEMENT SCIENCE	26	30	3
14BJ1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	24	49	3
14BJ1A0229	RT32027	POWER ELECTRONICS LAB	25	48	2
14BJ1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
14BJ1A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	8	0
14BJ1A0230	RT32022	SWITCHGEAR AND PROTECTION	24	12	0
14BJ1A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	9	0
14BJ1A0230	RT32024	POWER SYSTEM ANALYSIS	21	29	3
14BJ1A0230	RT32025	MANAGEMENT SCIENCE	26	24	3
14BJ1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0230	RT32027	POWER ELECTRONICS LAB	23	47	2
14BJ1A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	23	48	2
14BJ1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	24	3
14BJ1A0231	RT32022	SWITCHGEAR AND PROTECTION	28	39	3
14BJ1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	33	3
14BJ1A0231	RT32024	POWER SYSTEM ANALYSIS	25	9	0
14BJ1A0231	RT32025	MANAGEMENT SCIENCE	27	36	3
14BJ1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	25	31	3
14BJ1A0231	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14BJ1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	13	4	0
14BJ1A0232	RT32022	SWITCHGEAR AND PROTECTION	24	26	3
14BJ1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	6	0
14BJ1A0232	RT32024	POWER SYSTEM ANALYSIS	19	7	0
14BJ1A0232	RT32025	MANAGEMENT SCIENCE	24	24	3
14BJ1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	6	12	0
14BJ1A0232	RT32027	POWER ELECTRONICS LAB	12	40	2
14BJ1A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
14BJ1A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	29	3
14BJ1A0233	RT32022	SWITCHGEAR AND PROTECTION	24	8	0
14BJ1A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	43	3
14BJ1A0233	RT32024	POWER SYSTEM ANALYSIS	18	11	0
14BJ1A0233	RT32025	MANAGEMENT SCIENCE	25	27	3
14BJ1A0233	RT32026	POWER SEMICONDUCTOR DRIVES	23	34	3
14BJ1A0233	RT32027	POWER ELECTRONICS LAB	24	47	2
14BJ1A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
14BJ1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	7	0
14BJ1A0234	RT32022	SWITCHGEAR AND PROTECTION	26	8	0
14BJ1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	38	3
14BJ1A0234	RT32024	POWER SYSTEM ANALYSIS	20	41	3
14BJ1A0234	RT32025	MANAGEMENT SCIENCE	25	32	3
14BJ1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	27	33	3
14BJ1A0234	RT32027	POWER ELECTRONICS LAB	22	45	2
14BJ1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	20	44	2
14BJ1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3
14BJ1A0235	RT32022	SWITCHGEAR AND PROTECTION	29	24	3
14BJ1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	34	3
14BJ1A0235	RT32024	POWER SYSTEM ANALYSIS	29	55	3
14BJ1A0235	RT32025	MANAGEMENT SCIENCE	27	39	3
14BJ1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	26	38	3
14BJ1A0235	RT32027	POWER ELECTRONICS LAB	24	48	2
14BJ1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
14BJ1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	5	0
14BJ1A0236	RT32022	SWITCHGEAR AND PROTECTION	21	12	0
14BJ1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	18	0
14BJ1A0236	RT32024	POWER SYSTEM ANALYSIS	24	36	3
14BJ1A0236	RT32025	MANAGEMENT SCIENCE	21	24	3
14BJ1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
14BJ1A0236	RT32027	POWER ELECTRONICS LAB	20	40	2
14BJ1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
14BJ1A0239	RT32022	SWITCHGEAR AND PROTECTION	22	26	3
14BJ1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	41	3
14BJ1A0239	RT32024	POWER SYSTEM ANALYSIS	28	2	0
14BJ1A0239	RT32025	MANAGEMENT SCIENCE	25	33	3
14BJ1A0239	RT32026	POWER SEMICONDUCTOR DRIVES	20	44	3
14BJ1A0239	RT32027	POWER ELECTRONICS LAB	20	41	2
14BJ1A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
14BJ1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	3	0
14BJ1A0240	RT32022	SWITCHGEAR AND PROTECTION	23	8	0
14BJ1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	11	0
14BJ1A0240	RT32024	POWER SYSTEM ANALYSIS	23	16	0
14BJ1A0240	RT32025	MANAGEMENT SCIENCE	25	25	3
14BJ1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	22	11	0
14BJ1A0240	RT32027	POWER ELECTRONICS LAB	20	40	2
14BJ1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	16	36	2
14BJ1A0301	RT32031	OPERATIONS RESEARCH	28	47	3
14BJ1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	54	3
14BJ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	27	56	3
14BJ1A0301	RT32034	ROBOTICS	27	44	3
14BJ1A0301	RT32035	HEAT TRANSFER	28	49	3
14BJ1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	56	3
14BJ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	24	56	3
14BJ1A0301	RT32038	HEAT TRANSFER LAB	25	50	2
14BJ1A0302	RT32031	OPERATIONS RESEARCH	19	43	3
14BJ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	24	3
14BJ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	26	51	3
14BJ1A0302	RT32034	ROBOTICS	19	36	3
14BJ1A0302	RT32035	HEAT TRANSFER	21	25	3
14BJ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	13	0
14BJ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	21	29	3
14BJ1A0302	RT32038	HEAT TRANSFER LAB	23	44	2
14BJ1A0303	RT32031	OPERATIONS RESEARCH	20	24	3
14BJ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	43	3
14BJ1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	11	29	3
14BJ1A0303	RT32034	ROBOTICS	19	30	3
14BJ1A0303	RT32035	HEAT TRANSFER	15	7	0
14BJ1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	33	3
14BJ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	17	4	0
14BJ1A0303	RT32038	HEAT TRANSFER LAB	23	28	2
14BJ1A0307	RT32031	OPERATIONS RESEARCH	18	30	3
14BJ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	10	0
14BJ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	13	13	0
14BJ1A0307	RT32034	ROBOTICS	21	24	3
14BJ1A0307	RT32035	HEAT TRANSFER	18	6	0
14BJ1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	11	0
14BJ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
14BJ1A0307	RT32038	HEAT TRANSFER LAB	21	37	2
14BJ1A0308	RT32031	OPERATIONS RESEARCH	20	12	0
14BJ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	17	0



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	20	0	0
14BJ1A0308	RT32034	ROBOTICS	20	6	0
14BJ1A0308	RT32035	HEAT TRANSFER	20	24	3
14BJ1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	30	3
14BJ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
14BJ1A0308	RT32038	HEAT TRANSFER LAB	22	39	2
14BJ1A0309	RT32031	OPERATIONS RESEARCH	20	31	3
14BJ1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	14	0
14BJ1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	16	53	3
14BJ1A0309	RT32034	ROBOTICS	20	43	3
14BJ1A0309	RT32035	HEAT TRANSFER	21	33	3
14BJ1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
14BJ1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	17	30	3
14BJ1A0309	RT32038	HEAT TRANSFER LAB	24	24	2
14BJ1A0310	RT32031	OPERATIONS RESEARCH	14	17	0
14BJ1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	9	31	3
14BJ1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
14BJ1A0310	RT32034	ROBOTICS	16	16	0
14BJ1A0310	RT32035	HEAT TRANSFER	11	21	0
14BJ1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
14BJ1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
14BJ1A0310	RT32038	HEAT TRANSFER LAB	20	32	2
14BJ1A0311	RT32031	OPERATIONS RESEARCH	24	39	3
14BJ1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
14BJ1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ1A0311	RT32034	ROBOTICS	14	30	3
14BJ1A0311	RT32035	HEAT TRANSFER	22	29	3
14BJ1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	29	3
14BJ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	21	2	0
14BJ1A0311	RT32038	HEAT TRANSFER LAB	21	35	2
14BJ1A0312	RT32031	OPERATIONS RESEARCH	25	14	0
14BJ1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	12	0
14BJ1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	23	33	3
14BJ1A0312	RT32034	ROBOTICS	24	13	0
14BJ1A0312	RT32035	HEAT TRANSFER	22	28	3
14BJ1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	38	3
14BJ1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
14BJ1A0312	RT32038	HEAT TRANSFER LAB	20	34	2
14BJ1A0314	RT32031	OPERATIONS RESEARCH	22	48	3
14BJ1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
14BJ1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	20	45	3
14BJ1A0314	RT32034	ROBOTICS	27	56	3
14BJ1A0314	RT32035	HEAT TRANSFER	25	49	3
14BJ1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
14BJ1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	22	38	3
14BJ1A0314	RT32038	HEAT TRANSFER LAB	24	45	2
14BJ1A0315	RT32031	OPERATIONS RESEARCH	26	38	3
14BJ1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	49	3
14BJ1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	21	45	3
14BJ1A0315	RT32034	ROBOTICS	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0315	RT32035	HEAT TRANSFER	22	24	3
14BJ1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	36	3
14BJ1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
14BJ1A0315	RT32038	HEAT TRANSFER LAB	21	43	2
14BJ1A0316	RT32031	OPERATIONS RESEARCH	10	38	3
14BJ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	17	0
14BJ1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	16	10	0
14BJ1A0316	RT32034	ROBOTICS	22	37	3
14BJ1A0316	RT32035	HEAT TRANSFER	24	12	0
14BJ1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
14BJ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	10	8	0
14BJ1A0316	RT32038	HEAT TRANSFER LAB	20	42	2
14BJ1A0317	RT32031	OPERATIONS RESEARCH	22	42	3
14BJ1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	32	3
14BJ1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	19	27	3
14BJ1A0317	RT32034	ROBOTICS	23	26	3
14BJ1A0317	RT32035	HEAT TRANSFER	26	33	3
14BJ1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	47	3
14BJ1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
14BJ1A0317	RT32038	HEAT TRANSFER LAB	20	38	2
14BJ1A0318	RT32031	OPERATIONS RESEARCH	24	50	3
14BJ1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
14BJ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	23	31	3
14BJ1A0318	RT32034	ROBOTICS	25	26	3
14BJ1A0318	RT32035	HEAT TRANSFER	20	49	3
14BJ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
14BJ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
14BJ1A0318	RT32038	HEAT TRANSFER LAB	22	40	2
14BJ1A0319	RT32031	OPERATIONS RESEARCH	13	16	0
14BJ1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	26	3
14BJ1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	16	19	0
14BJ1A0319	RT32034	ROBOTICS	19	3	0
14BJ1A0319	RT32035	HEAT TRANSFER	20	0	0
14BJ1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	25	3
14BJ1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
14BJ1A0319	RT32038	HEAT TRANSFER LAB	21	37	2
14BJ1A0320	RT32031	OPERATIONS RESEARCH	8	44	3
14BJ1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	5	0
14BJ1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	16	10	0
14BJ1A0320	RT32034	ROBOTICS	23	30	3
14BJ1A0320	RT32035	HEAT TRANSFER	20	17	0
14BJ1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	27	3
14BJ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
14BJ1A0320	RT32038	HEAT TRANSFER LAB	21	35	2
14BJ1A0321	RT32031	OPERATIONS RESEARCH	25	49	3
14BJ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	52	3
14BJ1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	23	69	3
14BJ1A0321	RT32034	ROBOTICS	28	33	3
14BJ1A0321	RT32035	HEAT TRANSFER	28	46	3
14BJ1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	53	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	24	51	3
14BJ1A0321	RT32038	HEAT TRANSFER LAB	24	42	2
14BJ1A0322	RT32031	OPERATIONS RESEARCH	25	24	3
14BJ1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
14BJ1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ1A0322	RT32034	ROBOTICS	23	44	3
14BJ1A0322	RT32035	HEAT TRANSFER	20	34	3
14BJ1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
14BJ1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	20	27	3
14BJ1A0322	RT32038	HEAT TRANSFER LAB	20	33	2
14BJ1A0324	RT32031	OPERATIONS RESEARCH	3	-1	0
14BJ1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	5	-1	0
14BJ1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	2	-1	0
14BJ1A0324	RT32034	ROBOTICS	3	-1	0
14BJ1A0324	RT32035	HEAT TRANSFER	5	-1	0
14BJ1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	-1	0
14BJ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	5	-1	0
14BJ1A0324	RT32038	HEAT TRANSFER LAB	12	-1	0
14BJ1A0325	RT32031	OPERATIONS RESEARCH	21	40	3
14BJ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
14BJ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	18	32	3
14BJ1A0325	RT32034	ROBOTICS	23	29	3
14BJ1A0325	RT32035	HEAT TRANSFER	27	29	3
14BJ1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	40	3
14BJ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	21	51	3
14BJ1A0325	RT32038	HEAT TRANSFER LAB	24	38	2
14BJ1A0326	RT32031	OPERATIONS RESEARCH	18	24	3
14BJ1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
14BJ1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	16	17	0
14BJ1A0326	RT32034	ROBOTICS	22	9	0
14BJ1A0326	RT32035	HEAT TRANSFER	22	25	3
14BJ1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	39	3
14BJ1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	20	31	3
14BJ1A0326	RT32038	HEAT TRANSFER LAB	20	36	2
14BJ1A0327	RT32031	OPERATIONS RESEARCH	27	51	3
14BJ1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	41	3
14BJ1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	28	49	3
14BJ1A0327	RT32034	ROBOTICS	29	58	3
14BJ1A0327	RT32035	HEAT TRANSFER	27	55	3
14BJ1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	24	3
14BJ1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	22	35	3
14BJ1A0327	RT32038	HEAT TRANSFER LAB	23	48	2
14BJ1A0329	RT32031	OPERATIONS RESEARCH	22	37	3
14BJ1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	48	3
14BJ1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	21	45	3
14BJ1A0329	RT32034	ROBOTICS	24	31	3
14BJ1A0329	RT32035	HEAT TRANSFER	22	32	3
14BJ1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	36	3
14BJ1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	19	31	3
14BJ1A0329	RT32038	HEAT TRANSFER LAB	21	39	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0330	RT32031	OPERATIONS RESEARCH	6	34	3
14BJ1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	25	3
14BJ1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	16	10	0
14BJ1A0330	RT32034	ROBOTICS	20	24	3
14BJ1A0330	RT32035	HEAT TRANSFER	21	26	3
14BJ1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	27	3
14BJ1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	13	5	0
14BJ1A0330	RT32038	HEAT TRANSFER LAB	21	27	2
14BJ1A0331	RT32031	OPERATIONS RESEARCH	20	25	3
14BJ1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	30	3
14BJ1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	15	25	3
14BJ1A0331	RT32034	ROBOTICS	21	16	0
14BJ1A0331	RT32035	HEAT TRANSFER	14	26	3
14BJ1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	44	3
14BJ1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
14BJ1A0331	RT32038	HEAT TRANSFER LAB	24	35	2
14BJ1A0332	RT32031	OPERATIONS RESEARCH	19	36	3
14BJ1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	30	3
14BJ1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	20	35	3
14BJ1A0332	RT32034	ROBOTICS	20	29	3
14BJ1A0332	RT32035	HEAT TRANSFER	16	24	3
14BJ1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
14BJ1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
14BJ1A0332	RT32038	HEAT TRANSFER LAB	24	34	2
14BJ1A0333	RT32031	OPERATIONS RESEARCH	19	26	3
14BJ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	28	3
14BJ1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	12	18	0
14BJ1A0333	RT32034	ROBOTICS	16	0	0
14BJ1A0333	RT32035	HEAT TRANSFER	19	0	0
14BJ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	14	0
14BJ1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	13	0	0
14BJ1A0333	RT32038	HEAT TRANSFER LAB	21	26	2
14BJ1A0334	RT32031	OPERATIONS RESEARCH	22	53	3
14BJ1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	42	3
14BJ1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	18	35	3
14BJ1A0334	RT32034	ROBOTICS	27	42	3
14BJ1A0334	RT32035	HEAT TRANSFER	22	30	3
14BJ1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	46	3
14BJ1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	21	55	3
14BJ1A0334	RT32038	HEAT TRANSFER LAB	23	33	2
14BJ1A0335	RT32031	OPERATIONS RESEARCH	21	49	3
14BJ1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	39	3
14BJ1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	21	50	3
14BJ1A0335	RT32034	ROBOTICS	25	13	0
14BJ1A0335	RT32035	HEAT TRANSFER	26	28	3
14BJ1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	52	3
14BJ1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	22	35	3
14BJ1A0335	RT32038	HEAT TRANSFER LAB	21	32	2
14BJ1A0336	RT32031	OPERATIONS RESEARCH	21	27	3
14BJ1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	12	28	3
14BJ1A0336	RT32034	ROBOTICS	17	39	3
14BJ1A0336	RT32035	HEAT TRANSFER	11	23	0
14BJ1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	13	0
14BJ1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	0	20	0
14BJ1A0336	RT32038	HEAT TRANSFER LAB	13	-1	0
14BJ1A0337	RT32031	OPERATIONS RESEARCH	22	29	3
14BJ1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	45	3
14BJ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	16	36	3
14BJ1A0337	RT32034	ROBOTICS	25	43	3
14BJ1A0337	RT32035	HEAT TRANSFER	22	40	3
14BJ1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	39	3
14BJ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	19	34	3
14BJ1A0337	RT32038	HEAT TRANSFER LAB	21	43	2
14BJ1A0339	RT32031	OPERATIONS RESEARCH	15	26	3
14BJ1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	3	0
14BJ1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	12	10	0
14BJ1A0339	RT32034	ROBOTICS	19	28	3
14BJ1A0339	RT32035	HEAT TRANSFER	21	6	0
14BJ1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	25	3
14BJ1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	19	3	0
14BJ1A0339	RT32038	HEAT TRANSFER LAB	21	37	2
14BJ1A0340	RT32031	OPERATIONS RESEARCH	21	27	3
14BJ1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	32	3
14BJ1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	18	27	3
14BJ1A0340	RT32034	ROBOTICS	24	13	0
14BJ1A0340	RT32035	HEAT TRANSFER	21	12	0
14BJ1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	39	3
14BJ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14BJ1A0340	RT32038	HEAT TRANSFER LAB	24	33	2
14BJ1A0341	RT32031	OPERATIONS RESEARCH	20	35	3
14BJ1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	14	0
14BJ1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	10	30	3
14BJ1A0341	RT32034	ROBOTICS	25	37	3
14BJ1A0341	RT32035	HEAT TRANSFER	20	24	3
14BJ1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	15	0
14BJ1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	17	25	3
14BJ1A0341	RT32038	HEAT TRANSFER LAB	22	34	2
14BJ1A0342	RT32031	OPERATIONS RESEARCH	22	26	3
14BJ1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	37	3
14BJ1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	13	34	3
14BJ1A0342	RT32034	ROBOTICS	19	8	0
14BJ1A0342	RT32035	HEAT TRANSFER	11	0	0
14BJ1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	25	3
14BJ1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
14BJ1A0342	RT32038	HEAT TRANSFER LAB	23	38	2
14BJ1A0343	RT32031	OPERATIONS RESEARCH	19	24	3
14BJ1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	11	0
14BJ1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	10	17	0
14BJ1A0343	RT32034	ROBOTICS	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0343	RT32035	HEAT TRANSFER	19	24	3
14BJ1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
14BJ1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
14BJ1A0343	RT32038	HEAT TRANSFER LAB	21	27	2
14BJ1A0344	RT32031	OPERATIONS RESEARCH	23	27	3
14BJ1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
14BJ1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	16	30	3
14BJ1A0344	RT32034	ROBOTICS	26	16	0
14BJ1A0344	RT32035	HEAT TRANSFER	20	15	0
14BJ1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
14BJ1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	23	24	3
14BJ1A0344	RT32038	HEAT TRANSFER LAB	24	42	2
14BJ1A0346	RT32031	OPERATIONS RESEARCH	17	41	3
14BJ1A0346	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	37	3
14BJ1A0346	RT32033	DESIGN OF MACHINE MEMBERS II	14	38	3
14BJ1A0346	RT32034	ROBOTICS	19	38	3
14BJ1A0346	RT32035	HEAT TRANSFER	24	24	3
14BJ1A0346	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	14	0
14BJ1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	17	29	3
14BJ1A0346	RT32038	HEAT TRANSFER LAB	21	41	2
14BJ1A0347	RT32031	OPERATIONS RESEARCH	23	31	3
14BJ1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	42	3
14BJ1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
14BJ1A0347	RT32034	ROBOTICS	24	33	3
14BJ1A0347	RT32035	HEAT TRANSFER	20	14	0
14BJ1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	40	3
14BJ1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	19	31	3
14BJ1A0347	RT32038	HEAT TRANSFER LAB	20	35	2
14BJ1A0349	RT32031	OPERATIONS RESEARCH	20	45	3
14BJ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	14	0
14BJ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	18	24	3
14BJ1A0349	RT32034	ROBOTICS	21	27	3
14BJ1A0349	RT32035	HEAT TRANSFER	15	9	0
14BJ1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
14BJ1A0349	RT32037A	REFRIGERATION & AIR CONDITIONING	20	5	0
14BJ1A0349	RT32038	HEAT TRANSFER LAB	21	41	2
14BJ1A0352	RT32031	OPERATIONS RESEARCH	22	45	3
14BJ1A0352	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	32	3
14BJ1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	17	65	3
14BJ1A0352	RT32034	ROBOTICS	30	26	3
14BJ1A0352	RT32035	HEAT TRANSFER	20	28	3
14BJ1A0352	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	51	3
14BJ1A0352	RT32037A	REFRIGERATION & AIR CONDITIONING	21	29	3
14BJ1A0352	RT32038	HEAT TRANSFER LAB	20	44	2
14BJ1A0353	RT32031	OPERATIONS RESEARCH	23	40	3
14BJ1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	14	0
14BJ1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	15	27	3
14BJ1A0353	RT32034	ROBOTICS	22	31	3
14BJ1A0353	RT32035	HEAT TRANSFER	19	43	3
14BJ1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	22	28	3
14BJ1A0353	RT32038	HEAT TRANSFER LAB	22	41	2
14BJ1A0354	RT32031	OPERATIONS RESEARCH	21	25	3
14BJ1A0354	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	39	3
14BJ1A0354	RT32033	DESIGN OF MACHINE MEMBERS II	13	12	0
14BJ1A0354	RT32034	ROBOTICS	19	6	0
14BJ1A0354	RT32035	HEAT TRANSFER	20	7	0
14BJ1A0354	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
14BJ1A0354	RT32037A	REFRIGERATION & AIR CONDITIONING	19	6	0
14BJ1A0354	RT32038	HEAT TRANSFER LAB	20	23	2
14BJ1A0355	RT32031	OPERATIONS RESEARCH	24	48	3
14BJ1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
14BJ1A0355	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
14BJ1A0355	RT32034	ROBOTICS	24	34	3
14BJ1A0355	RT32035	HEAT TRANSFER	22	29	3
14BJ1A0355	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	41	3
14BJ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	23	46	3
14BJ1A0355	RT32038	HEAT TRANSFER LAB	20	29	2
14BJ1A0357	RT32031	OPERATIONS RESEARCH	24	35	3
14BJ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
14BJ1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
14BJ1A0357	RT32034	ROBOTICS	23	18	0
14BJ1A0357	RT32035	HEAT TRANSFER	28	30	3
14BJ1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	44	3
14BJ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
14BJ1A0357	RT32038	HEAT TRANSFER LAB	21	35	2
14BJ1A0358	RT32031	OPERATIONS RESEARCH	17	33	3
14BJ1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	36	3
14BJ1A0358	RT32033	DESIGN OF MACHINE MEMBERS II	16	44	3
14BJ1A0358	RT32034	ROBOTICS	23	41	3
14BJ1A0358	RT32035	HEAT TRANSFER	23	25	3
14BJ1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	24	3
14BJ1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
14BJ1A0358	RT32038	HEAT TRANSFER LAB	23	31	2
14BJ1A0359	RT32031	OPERATIONS RESEARCH	22	39	3
14BJ1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	40	3
14BJ1A0359	RT32033	DESIGN OF MACHINE MEMBERS II	19	50	3
14BJ1A0359	RT32034	ROBOTICS	28	36	3
14BJ1A0359	RT32035	HEAT TRANSFER	25	35	3
14BJ1A0359	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	38	3
14BJ1A0359	RT32037A	REFRIGERATION & AIR CONDITIONING	21	38	3
14BJ1A0359	RT32038	HEAT TRANSFER LAB	20	36	2
14BJ1A0360	RT32031	OPERATIONS RESEARCH	26	49	3
14BJ1A0360	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
14BJ1A0360	RT32033	DESIGN OF MACHINE MEMBERS II	21	35	3
14BJ1A0360	RT32034	ROBOTICS	29	45	3
14BJ1A0360	RT32035	HEAT TRANSFER	21	36	3
14BJ1A0360	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	41	3
14BJ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	21	55	3
14BJ1A0360	RT32038	HEAT TRANSFER LAB	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0361	RT32031	OPERATIONS RESEARCH	21	41	3
14BJ1A0361	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	46	3
14BJ1A0361	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
14BJ1A0361	RT32034	ROBOTICS	25	24	3
14BJ1A0361	RT32035	HEAT TRANSFER	23	24	3
14BJ1A0361	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	58	3
14BJ1A0361	RT32037A	REFRIGERATION & AIR CONDITIONING	22	47	3
14BJ1A0361	RT32038	HEAT TRANSFER LAB	20	42	2
14BJ1A0362	RT32031	OPERATIONS RESEARCH	14	26	3
14BJ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	7	0
14BJ1A0362	RT32033	DESIGN OF MACHINE MEMBERS II	16	27	3
14BJ1A0362	RT32034	ROBOTICS	16	41	3
14BJ1A0362	RT32035	HEAT TRANSFER	23	24	3
14BJ1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	11	0
14BJ1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	19	4	0
14BJ1A0362	RT32038	HEAT TRANSFER LAB	21	37	2
14BJ1A0363	RT32031	OPERATIONS RESEARCH	20	26	3
14BJ1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	30	3
14BJ1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ1A0363	RT32034	ROBOTICS	18	30	3
14BJ1A0363	RT32035	HEAT TRANSFER	14	35	3
14BJ1A0363	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	30	3
14BJ1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	18	31	3
14BJ1A0363	RT32038	HEAT TRANSFER LAB	21	36	2
14BJ1A0366	RT32031	OPERATIONS RESEARCH	16	39	3
14BJ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	4	0
14BJ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	16	17	0
14BJ1A0366	RT32034	ROBOTICS	18	42	3
14BJ1A0366	RT32035	HEAT TRANSFER	21	17	0
14BJ1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	29	3
14BJ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	16	10	0
14BJ1A0366	RT32038	HEAT TRANSFER LAB	21	31	2
14BJ1A0367	RT32031	OPERATIONS RESEARCH	21	33	3
14BJ1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	32	3
14BJ1A0367	RT32033	DESIGN OF MACHINE MEMBERS II	18	7	0
14BJ1A0367	RT32034	ROBOTICS	20	12	0
14BJ1A0367	RT32035	HEAT TRANSFER	25	14	0
14BJ1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	43	3
14BJ1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	18	6	0
14BJ1A0367	RT32038	HEAT TRANSFER LAB	21	35	2
14BJ1A0368	RT32031	OPERATIONS RESEARCH	22	34	3
14BJ1A0368	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
14BJ1A0368	RT32033	DESIGN OF MACHINE MEMBERS II	16	33	3
14BJ1A0368	RT32034	ROBOTICS	23	36	3
14BJ1A0368	RT32035	HEAT TRANSFER	23	15	0
14BJ1A0368	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
14BJ1A0368	RT32037A	REFRIGERATION & AIR CONDITIONING	22	30	3
14BJ1A0368	RT32038	HEAT TRANSFER LAB	23	35	2
14BJ1A0370	RT32031	OPERATIONS RESEARCH	22	24	3
14BJ1A0370	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	42	3



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0370	RT32033	DESIGN OF MACHINE MEMBERS II	22	40	3
14BJ1A0370	RT32034	ROBOTICS	23	8	0
14BJ1A0370	RT32035	HEAT TRANSFER	23	7	0
14BJ1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	43	3
14BJ1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	18	31	3
14BJ1A0370	RT32038	HEAT TRANSFER LAB	23	34	2
14BJ1A0371	RT32031	OPERATIONS RESEARCH	19	43	3
14BJ1A0371	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	24	3
14BJ1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
14BJ1A0371	RT32034	ROBOTICS	23	29	3
14BJ1A0371	RT32035	HEAT TRANSFER	24	0	0
14BJ1A0371	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	35	3
14BJ1A0371	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
14BJ1A0371	RT32038	HEAT TRANSFER LAB	23	34	2
14BJ1A0372	RT32031	OPERATIONS RESEARCH	21	0	0
14BJ1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
14BJ1A0372	RT32033	DESIGN OF MACHINE MEMBERS II	19	0	0
14BJ1A0372	RT32034	ROBOTICS	19	0	0
14BJ1A0372	RT32035	HEAT TRANSFER	25	0	0
14BJ1A0372	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	-1	0
14BJ1A0372	RT32037A	REFRIGERATION & AIR CONDITIONING	22	-1	0
14BJ1A0372	RT32038	HEAT TRANSFER LAB	21	32	2
14BJ1A0373	RT32031	OPERATIONS RESEARCH	17	42	3
14BJ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	6	0
14BJ1A0373	RT32033	DESIGN OF MACHINE MEMBERS II	12	14	0
14BJ1A0373	RT32034	ROBOTICS	24	39	3
14BJ1A0373	RT32035	HEAT TRANSFER	25	27	3
14BJ1A0373	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	30	3
14BJ1A0373	RT32037A	REFRIGERATION & AIR CONDITIONING	20	31	3
14BJ1A0373	RT32038	HEAT TRANSFER LAB	23	32	2
14BJ1A0374	RT32031	OPERATIONS RESEARCH	24	32	3
14BJ1A0374	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	53	3
14BJ1A0374	RT32033	DESIGN OF MACHINE MEMBERS II	25	30	3
14BJ1A0374	RT32034	ROBOTICS	26	25	3
14BJ1A0374	RT32035	HEAT TRANSFER	25	31	3
14BJ1A0374	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	43	3
14BJ1A0374	RT32037A	REFRIGERATION & AIR CONDITIONING	20	6	0
14BJ1A0374	RT32038	HEAT TRANSFER LAB	20	32	2
14BJ1A0375	RT32031	OPERATIONS RESEARCH	16	38	3
14BJ1A0375	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	6	0
14BJ1A0375	RT32033	DESIGN OF MACHINE MEMBERS II	11	13	0
14BJ1A0375	RT32034	ROBOTICS	20	24	3
14BJ1A0375	RT32035	HEAT TRANSFER	16	9	0
14BJ1A0375	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	8	0
14BJ1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	18	5	0
14BJ1A0375	RT32038	HEAT TRANSFER LAB	20	29	2
14BJ1A0376	RT32031	OPERATIONS RESEARCH	14	33	3
14BJ1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	32	3
14BJ1A0376	RT32033	DESIGN OF MACHINE MEMBERS II	6	17	0
14BJ1A0376	RT32034	ROBOTICS	13	12	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0376	RT32035	HEAT TRANSFER	18	13	0
14BJ1A0376	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	42	3
14BJ1A0376	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
14BJ1A0376	RT32038	HEAT TRANSFER LAB	20	33	2
14BJ1A0377	RT32031	OPERATIONS RESEARCH	18	26	3
14BJ1A0377	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	33	3
14BJ1A0377	RT32033	DESIGN OF MACHINE MEMBERS II	12	0	0
14BJ1A0377	RT32034	ROBOTICS	22	49	3
14BJ1A0377	RT32035	HEAT TRANSFER	9	23	0
14BJ1A0377	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	9	0
14BJ1A0377	RT32037A	REFRIGERATION & AIR CONDITIONING	18	26	3
14BJ1A0377	RT32038	HEAT TRANSFER LAB	20	31	2
14BJ1A0378	RT32031	OPERATIONS RESEARCH	11	29	3
14BJ1A0378	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	37	3
14BJ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	6	17	0
14BJ1A0378	RT32034	ROBOTICS	13	8	0
14BJ1A0378	RT32035	HEAT TRANSFER	12	12	0
14BJ1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	29	3
14BJ1A0378	RT32037A	REFRIGERATION & AIR CONDITIONING	16	8	0
14BJ1A0378	RT32038	HEAT TRANSFER LAB	20	35	2
14BJ1A0379	RT32031	OPERATIONS RESEARCH	19	49	3
14BJ1A0379	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
14BJ1A0379	RT32033	DESIGN OF MACHINE MEMBERS II	10	30	3
14BJ1A0379	RT32034	ROBOTICS	19	35	3
14BJ1A0379	RT32035	HEAT TRANSFER	20	24	3
14BJ1A0379	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	28	3
14BJ1A0379	RT32037A	REFRIGERATION & AIR CONDITIONING	22	29	3
14BJ1A0379	RT32038	HEAT TRANSFER LAB	20	30	2
14BJ1A0380	RT32031	OPERATIONS RESEARCH	5	7	0
14BJ1A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	13	0
14BJ1A0380	RT32033	DESIGN OF MACHINE MEMBERS II	1	4	0
14BJ1A0380	RT32034	ROBOTICS	7	6	0
14BJ1A0380	RT32035	HEAT TRANSFER	22	5	0
14BJ1A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	29	3
14BJ1A0380	RT32037A	REFRIGERATION & AIR CONDITIONING	19	6	0
14BJ1A0380	RT32038	HEAT TRANSFER LAB	20	31	2
14BJ1A0381	RT32031	OPERATIONS RESEARCH	18	25	3
14BJ1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	35	3
14BJ1A0381	RT32033	DESIGN OF MACHINE MEMBERS II	12	29	3
14BJ1A0381	RT32034	ROBOTICS	21	32	3
14BJ1A0381	RT32035	HEAT TRANSFER	24	26	3
14BJ1A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	15	0
14BJ1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	21	39	3
14BJ1A0381	RT32038	HEAT TRANSFER LAB	21	31	2
14BJ1A0382	RT32031	OPERATIONS RESEARCH	26	33	3
14BJ1A0382	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	49	3
14BJ1A0382	RT32033	DESIGN OF MACHINE MEMBERS II	25	56	3
14BJ1A0382	RT32034	ROBOTICS	28	35	3
14BJ1A0382	RT32035	HEAT TRANSFER	24	35	3
14BJ1A0382	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	39	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0382	RT32037A	REFRIGERATION & AIR CONDITIONING	21	13	0
14BJ1A0382	RT32038	HEAT TRANSFER LAB	21	44	2
14BJ1A0383	RT32031	OPERATIONS RESEARCH	19	33	3
14BJ1A0383	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	13	0
14BJ1A0383	RT32033	DESIGN OF MACHINE MEMBERS II	19	14	0
14BJ1A0383	RT32034	ROBOTICS	18	24	3
14BJ1A0383	RT32035	HEAT TRANSFER	24	18	0
14BJ1A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	24	3
14BJ1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	20	8	0
14BJ1A0383	RT32038	HEAT TRANSFER LAB	20	35	2
14BJ1A0384	RT32031	OPERATIONS RESEARCH	8	0	0
14BJ1A0384	RT32032	INTERACTIVE COMPUTER GRAPHICS	8	12	0
14BJ1A0384	RT32033	DESIGN OF MACHINE MEMBERS II	6	7	0
14BJ1A0384	RT32034	ROBOTICS	10	2	0
14BJ1A0384	RT32035	HEAT TRANSFER	3	0	0
14BJ1A0384	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	17	0
14BJ1A0384	RT32037A	REFRIGERATION & AIR CONDITIONING	4	0	0
14BJ1A0384	RT32038	HEAT TRANSFER LAB	20	-1	0
14BJ1A0385	RT32031	OPERATIONS RESEARCH	18	9	0
14BJ1A0385	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	9	0
14BJ1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	15	0	0
14BJ1A0385	RT32034	ROBOTICS	21	32	3
14BJ1A0385	RT32035	HEAT TRANSFER	23	12	0
14BJ1A0385	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	14	0
14BJ1A0385	RT32037A	REFRIGERATION & AIR CONDITIONING	17	9	0
14BJ1A0385	RT32038	HEAT TRANSFER LAB	20	31	2
14BJ1A0386	RT32031	OPERATIONS RESEARCH	21	16	0
14BJ1A0386	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	28	3
14BJ1A0386	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
14BJ1A0386	RT32034	ROBOTICS	18	6	0
14BJ1A0386	RT32035	HEAT TRANSFER	19	12	0
14BJ1A0386	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
14BJ1A0386	RT32037A	REFRIGERATION & AIR CONDITIONING	21	2	0
14BJ1A0386	RT32038	HEAT TRANSFER LAB	20	27	2
14BJ1A0387	RT32031	OPERATIONS RESEARCH	25	45	3
14BJ1A0387	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	28	3
14BJ1A0387	RT32033	DESIGN OF MACHINE MEMBERS II	26	11	0
14BJ1A0387	RT32034	ROBOTICS	24	42	3
14BJ1A0387	RT32035	HEAT TRANSFER	25	24	3
14BJ1A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	28	3
14BJ1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	22	39	3
14BJ1A0387	RT32038	HEAT TRANSFER LAB	21	42	2
14BJ1A0390	RT32031	OPERATIONS RESEARCH	16	7	0
14BJ1A0390	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	17	0
14BJ1A0390	RT32033	DESIGN OF MACHINE MEMBERS II	20	11	0
14BJ1A0390	RT32034	ROBOTICS	17	4	0
14BJ1A0390	RT32035	HEAT TRANSFER	18	10	0
14BJ1A0390	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	35	3
14BJ1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	18	10	0
14BJ1A0390	RT32038	HEAT TRANSFER LAB	21	30	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0391	RT32031	OPERATIONS RESEARCH	23	11	0
14BJ1A0391	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	29	3
14BJ1A0391	RT32033	DESIGN OF MACHINE MEMBERS II	25	9	0
14BJ1A0391	RT32034	ROBOTICS	27	30	3
14BJ1A0391	RT32035	HEAT TRANSFER	19	24	3
14BJ1A0391	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	14	0
14BJ1A0391	RT32037A	REFRIGERATION & AIR CONDITIONING	16	5	0
14BJ1A0391	RT32038	HEAT TRANSFER LAB	21	28	2
14BJ1A0392	RT32031	OPERATIONS RESEARCH	24	27	3
14BJ1A0392	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	45	3
14BJ1A0392	RT32033	DESIGN OF MACHINE MEMBERS II	19	29	3
14BJ1A0392	RT32034	ROBOTICS	25	30	3
14BJ1A0392	RT32035	HEAT TRANSFER	27	24	3
14BJ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	41	3
14BJ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	22	8	0
14BJ1A0392	RT32038	HEAT TRANSFER LAB	23	29	2
14BJ1A0394	RT32031	OPERATIONS RESEARCH	19	41	3
14BJ1A0394	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	10	0
14BJ1A0394	RT32033	DESIGN OF MACHINE MEMBERS II	20	7	0
14BJ1A0394	RT32034	ROBOTICS	22	36	3
14BJ1A0394	RT32035	HEAT TRANSFER	16	30	3
14BJ1A0394	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
14BJ1A0394	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
14BJ1A0394	RT32038	HEAT TRANSFER LAB	20	31	2
14BJ1A0398	RT32031	OPERATIONS RESEARCH	24	32	3
14BJ1A0398	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
14BJ1A0398	RT32033	DESIGN OF MACHINE MEMBERS II	26	47	3
14BJ1A0398	RT32034	ROBOTICS	28	24	3
14BJ1A0398	RT32035	HEAT TRANSFER	26	27	3
14BJ1A0398	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	49	3
14BJ1A0398	RT32037A	REFRIGERATION & AIR CONDITIONING	21	35	3
14BJ1A0398	RT32038	HEAT TRANSFER LAB	21	37	2
14BJ1A0399	RT32031	OPERATIONS RESEARCH	21	50	3
14BJ1A0399	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	35	3
14BJ1A0399	RT32033	DESIGN OF MACHINE MEMBERS II	21	46	3
14BJ1A0399	RT32034	ROBOTICS	26	50	3
14BJ1A0399	RT32035	HEAT TRANSFER	21	56	3
14BJ1A0399	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
14BJ1A0399	RT32037A	REFRIGERATION & AIR CONDITIONING	18	38	3
14BJ1A0399	RT32038	HEAT TRANSFER LAB	21	34	2
14BJ1A03A0	RT32031	OPERATIONS RESEARCH	22	30	3
14BJ1A03A0	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	48	3
14BJ1A03A0	RT32033	DESIGN OF MACHINE MEMBERS II	23	41	3
14BJ1A03A0	RT32034	ROBOTICS	27	38	3
14BJ1A03A0	RT32035	HEAT TRANSFER	19	24	3
14BJ1A03A0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	41	3
14BJ1A03A0	RT32037A	REFRIGERATION & AIR CONDITIONING	22	12	0
14BJ1A03A0	RT32038	HEAT TRANSFER LAB	23	41	2
14BJ1A03A1	RT32031	OPERATIONS RESEARCH	7	27	0
14BJ1A03A1	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	9	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03A1	RT32033	DESIGN OF MACHINE MEMBERS II	3	0	0
14BJ1A03A1	RT32034	ROBOTICS	3	18	0
14BJ1A03A1	RT32035	HEAT TRANSFER	1	6	0
14BJ1A03A1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	26	3
14BJ1A03A1	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0
14BJ1A03A1	RT32038	HEAT TRANSFER LAB	20	26	2
14BJ1A03A2	RT32031	OPERATIONS RESEARCH	17	24	3
14BJ1A03A2	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	16	0
14BJ1A03A2	RT32033	DESIGN OF MACHINE MEMBERS II	18	14	0
14BJ1A03A2	RT32034	ROBOTICS	19	8	0
14BJ1A03A2	RT32035	HEAT TRANSFER	21	5	0
14BJ1A03A2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	26	3
14BJ1A03A2	RT32037A	REFRIGERATION & AIR CONDITIONING	20	6	0
14BJ1A03A2	RT32038	HEAT TRANSFER LAB	21	26	2
14BJ1A03A3	RT32031	OPERATIONS RESEARCH	21	34	3
14BJ1A03A3	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
14BJ1A03A3	RT32033	DESIGN OF MACHINE MEMBERS II	21	29	3
14BJ1A03A3	RT32034	ROBOTICS	25	26	3
14BJ1A03A3	RT32035	HEAT TRANSFER	21	13	0
14BJ1A03A3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	29	3
14BJ1A03A3	RT32037A	REFRIGERATION & AIR CONDITIONING	21	9	0
14BJ1A03A3	RT32038	HEAT TRANSFER LAB	21	34	2
14BJ1A03A5	RT32031	OPERATIONS RESEARCH	27	32	3
14BJ1A03A5	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	47	3
14BJ1A03A5	RT32033	DESIGN OF MACHINE MEMBERS II	22	48	3
14BJ1A03A5	RT32034	ROBOTICS	22	30	3
14BJ1A03A5	RT32035	HEAT TRANSFER	23	30	3
14BJ1A03A5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	31	3
14BJ1A03A5	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
14BJ1A03A5	RT32038	HEAT TRANSFER LAB	21	41	2
14BJ1A03A6	RT32031	OPERATIONS RESEARCH	22	53	3
14BJ1A03A6	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	30	3
14BJ1A03A6	RT32033	DESIGN OF MACHINE MEMBERS II	20	34	3
14BJ1A03A6	RT32034	ROBOTICS	28	60	3
14BJ1A03A6	RT32035	HEAT TRANSFER	23	24	3
14BJ1A03A6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	33	3
14BJ1A03A6	RT32037A	REFRIGERATION & AIR CONDITIONING	22	46	3
14BJ1A03A6	RT32038	HEAT TRANSFER LAB	23	40	2
14BJ1A03A7	RT32031	OPERATIONS RESEARCH	10	17	0
14BJ1A03A7	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	32	3
14BJ1A03A7	RT32033	DESIGN OF MACHINE MEMBERS II	7	8	0
14BJ1A03A7	RT32034	ROBOTICS	8	5	0
14BJ1A03A7	RT32035	HEAT TRANSFER	6	5	0
14BJ1A03A7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	36	3
14BJ1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	12	0	0
14BJ1A03A7	RT32038	HEAT TRANSFER LAB	13	23	2
14BJ1A03A8	RT32031	OPERATIONS RESEARCH	20	31	3
14BJ1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	7	0
14BJ1A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	20	41	3
14BJ1A03A8	RT32034	ROBOTICS	26	41	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03A8	RT32035	HEAT TRANSFER	24	15	0
14BJ1A03A8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	24	3
14BJ1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	18	25	3
14BJ1A03A8	RT32038	HEAT TRANSFER LAB	20	40	2
14BJ1A03A9	RT32031	OPERATIONS RESEARCH	20	28	3
14BJ1A03A9	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	38	3
14BJ1A03A9	RT32033	DESIGN OF MACHINE MEMBERS II	18	49	3
14BJ1A03A9	RT32034	ROBOTICS	27	34	3
14BJ1A03A9	RT32035	HEAT TRANSFER	19	10	0
14BJ1A03A9	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	35	3
14BJ1A03A9	RT32037A	REFRIGERATION & AIR CONDITIONING	21	11	0
14BJ1A03A9	RT32038	HEAT TRANSFER LAB	20	29	2
14BJ1A03B0	RT32031	OPERATIONS RESEARCH	25	48	3
14BJ1A03B0	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	17	0
14BJ1A03B0	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
14BJ1A03B0	RT32034	ROBOTICS	26	38	3
14BJ1A03B0	RT32035	HEAT TRANSFER	25	31	3
14BJ1A03B0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	27	3
14BJ1A03B0	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
14BJ1A03B0	RT32038	HEAT TRANSFER LAB	20	41	2
14BJ1A03B1	RT32031	OPERATIONS RESEARCH	19	24	3
14BJ1A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
14BJ1A03B1	RT32033	DESIGN OF MACHINE MEMBERS II	9	12	0
14BJ1A03B1	RT32034	ROBOTICS	21	8	0
14BJ1A03B1	RT32035	HEAT TRANSFER	14	16	0
14BJ1A03B1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	35	3
14BJ1A03B1	RT32037A	REFRIGERATION & AIR CONDITIONING	13	27	3
14BJ1A03B1	RT32038	HEAT TRANSFER LAB	21	23	2
14BJ1A03B2	RT32031	OPERATIONS RESEARCH	23	42	3
14BJ1A03B2	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
14BJ1A03B2	RT32033	DESIGN OF MACHINE MEMBERS II	21	40	3
14BJ1A03B2	RT32034	ROBOTICS	29	47	3
14BJ1A03B2	RT32035	HEAT TRANSFER	20	13	0
14BJ1A03B2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
14BJ1A03B2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	31	3
14BJ1A03B2	RT32038	HEAT TRANSFER LAB	22	43	2
14BJ1A03B3	RT32031	OPERATIONS RESEARCH	20	33	3
14BJ1A03B3	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	48	3
14BJ1A03B3	RT32033	DESIGN OF MACHINE MEMBERS II	20	40	3
14BJ1A03B3	RT32034	ROBOTICS	23	16	0
14BJ1A03B3	RT32035	HEAT TRANSFER	18	16	0
14BJ1A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	38	3
14BJ1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
14BJ1A03B3	RT32038	HEAT TRANSFER LAB	22	34	2
14BJ1A03B4	RT32031	OPERATIONS RESEARCH	21	46	3
14BJ1A03B4	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
14BJ1A03B4	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ1A03B4	RT32034	ROBOTICS	24	28	3
14BJ1A03B4	RT32035	HEAT TRANSFER	20	29	3
14BJ1A03B4	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03B4	RT32037A	REFRIGERATION & AIR CONDITIONING	18	38	3
14BJ1A03B4	RT32038	HEAT TRANSFER LAB	22	35	2
14BJ1A03B6	RT32031	OPERATIONS RESEARCH	9	31	3
14BJ1A03B6	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
14BJ1A03B6	RT32033	DESIGN OF MACHINE MEMBERS II	16	0	0
14BJ1A03B6	RT32034	ROBOTICS	20	8	0
14BJ1A03B6	RT32035	HEAT TRANSFER	21	8	0
14BJ1A03B6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	30	3
14BJ1A03B6	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
14BJ1A03B6	RT32038	HEAT TRANSFER LAB	23	34	2
14BJ1A03B7	RT32031	OPERATIONS RESEARCH	12	29	3
14BJ1A03B7	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	35	3
14BJ1A03B7	RT32033	DESIGN OF MACHINE MEMBERS II	17	15	0
14BJ1A03B7	RT32034	ROBOTICS	5	27	0
14BJ1A03B7	RT32035	HEAT TRANSFER	25	14	0
14BJ1A03B7	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	11	0
14BJ1A03B7	RT32037A	REFRIGERATION & AIR CONDITIONING	23	30	3
14BJ1A03B7	RT32038	HEAT TRANSFER LAB	20	27	2
14BJ1A03B8	RT32031	OPERATIONS RESEARCH	13	14	0
14BJ1A03B8	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	27	3
14BJ1A03B8	RT32033	DESIGN OF MACHINE MEMBERS II	11	14	0
14BJ1A03B8	RT32034	ROBOTICS	16	0	0
14BJ1A03B8	RT32035	HEAT TRANSFER	20	0	0
14BJ1A03B8	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	20	0
14BJ1A03B8	RT32037A	REFRIGERATION & AIR CONDITIONING	11	0	0
14BJ1A03B8	RT32038	HEAT TRANSFER LAB	20	28	2
14BJ1A03C0	RT32031	OPERATIONS RESEARCH	17	36	3
14BJ1A03C0	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	14	0
14BJ1A03C0	RT32033	DESIGN OF MACHINE MEMBERS II	16	7	0
14BJ1A03C0	RT32034	ROBOTICS	19	24	3
14BJ1A03C0	RT32035	HEAT TRANSFER	19	15	0
14BJ1A03C0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3
14BJ1A03C0	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
14BJ1A03C0	RT32038	HEAT TRANSFER LAB	21	28	2
14BJ1A03C1	RT32031	OPERATIONS RESEARCH	20	42	3
14BJ1A03C1	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	33	3
14BJ1A03C1	RT32033	DESIGN OF MACHINE MEMBERS II	18	15	0
14BJ1A03C1	RT32034	ROBOTICS	27	24	3
14BJ1A03C1	RT32035	HEAT TRANSFER	23	19	0
14BJ1A03C1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	43	3
14BJ1A03C1	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
14BJ1A03C1	RT32038	HEAT TRANSFER LAB	21	28	2
14BJ1A03C2	RT32031	OPERATIONS RESEARCH	21	24	3
14BJ1A03C2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	31	3
14BJ1A03C2	RT32033	DESIGN OF MACHINE MEMBERS II	22	5	0
14BJ1A03C2	RT32034	ROBOTICS	23	40	3
14BJ1A03C2	RT32035	HEAT TRANSFER	21	24	3
14BJ1A03C2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	15	0
14BJ1A03C2	RT32037A	REFRIGERATION & AIR CONDITIONING	21	15	0
14BJ1A03C2	RT32038	HEAT TRANSFER LAB	21	34	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03C5	RT32031	OPERATIONS RESEARCH	23	19	0
14BJ1A03C5	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	28	3
14BJ1A03C5	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
14BJ1A03C5	RT32034	ROBOTICS	21	6	0
14BJ1A03C5	RT32035	HEAT TRANSFER	20	0	0
14BJ1A03C5	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	29	3
14BJ1A03C5	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
14BJ1A03C5	RT32038	HEAT TRANSFER LAB	21	27	2
14BJ1A03C6	RT32031	OPERATIONS RESEARCH	16	50	3
14BJ1A03C6	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	7	0
14BJ1A03C6	RT32033	DESIGN OF MACHINE MEMBERS II	19	28	3
14BJ1A03C6	RT32034	ROBOTICS	19	31	3
14BJ1A03C6	RT32035	HEAT TRANSFER	19	16	0
14BJ1A03C6	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	26	3
14BJ1A03C6	RT32037A	REFRIGERATION & AIR CONDITIONING	16	16	0
14BJ1A03C6	RT32038	HEAT TRANSFER LAB	20	29	2
14BJ1A03D0	RT32031	OPERATIONS RESEARCH	19	38	3
14BJ1A03D0	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
14BJ1A03D0	RT32033	DESIGN OF MACHINE MEMBERS II	16	34	3
14BJ1A03D0	RT32034	ROBOTICS	22	13	0
14BJ1A03D0	RT32035	HEAT TRANSFER	17	18	0
14BJ1A03D0	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	41	3
14BJ1A03D0	RT32037A	REFRIGERATION & AIR CONDITIONING	20	28	3
14BJ1A03D0	RT32038	HEAT TRANSFER LAB	20	34	2
14BJ1A03D1	RT32031	OPERATIONS RESEARCH	14	27	3
14BJ1A03D1	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	12	0
14BJ1A03D1	RT32033	DESIGN OF MACHINE MEMBERS II	14	26	3
14BJ1A03D1	RT32034	ROBOTICS	16	33	3
14BJ1A03D1	RT32035	HEAT TRANSFER	15	25	3
14BJ1A03D1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	15	0
14BJ1A03D1	RT32037A	REFRIGERATION & AIR CONDITIONING	16	25	3
14BJ1A03D1	RT32038	HEAT TRANSFER LAB	20	34	2
14BJ1A03D2	RT32031	OPERATIONS RESEARCH	18	27	3
14BJ1A03D2	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	28	3
14BJ1A03D2	RT32033	DESIGN OF MACHINE MEMBERS II	17	24	3
14BJ1A03D2	RT32034	ROBOTICS	17	0	0
14BJ1A03D2	RT32035	HEAT TRANSFER	20	0	0
14BJ1A03D2	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	40	3
14BJ1A03D2	RT32037A	REFRIGERATION & AIR CONDITIONING	19	11	0
14BJ1A03D2	RT32038	HEAT TRANSFER LAB	20	28	2
14BJ1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	44	3
14BJ1A0401	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
14BJ1A0401	RT32043	DIGITAL COMMUNICATIONS	29	38	3
14BJ1A0401	RT32044	MICROWAVE ENGINEERING	26	48	3
14BJ1A0401	RT32045A	BIO MEDICAL ENGINEERING	28	44	3
14BJ1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
14BJ1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A0401	RT32049	SEMINAR	45	0	1
14BJ1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	42	3



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	22	8	0
14BJ1A0402	RT32043	DIGITAL COMMUNICATIONS	26	11	0
14BJ1A0402	RT32044	MICROWAVE ENGINEERING	25	60	3
14BJ1A0402	RT32045A	BIO MEDICAL ENGINEERING	23	33	3
14BJ1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
14BJ1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A0402	RT32049	SEMINAR	45	0	1
14BJ1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	28	3
14BJ1A0403	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
14BJ1A0403	RT32043	DIGITAL COMMUNICATIONS	25	24	3
14BJ1A0403	RT32044	MICROWAVE ENGINEERING	26	45	3
14BJ1A0403	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
14BJ1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
14BJ1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14BJ1A0403	RT32049	SEMINAR	46	0	1
14BJ1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
14BJ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	18	7	0
14BJ1A0404	RT32043	DIGITAL COMMUNICATIONS	25	8	0
14BJ1A0404	RT32044	MICROWAVE ENGINEERING	23	24	3
14BJ1A0404	RT32045A	BIO MEDICAL ENGINEERING	19	-1	0
14BJ1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	43	2
14BJ1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
14BJ1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
14BJ1A0404	RT32049	SEMINAR	45	0	1
14BJ1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	7	0
14BJ1A0405	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
14BJ1A0405	RT32043	DIGITAL COMMUNICATIONS	22	30	3
14BJ1A0405	RT32044	MICROWAVE ENGINEERING	24	18	0
14BJ1A0405	RT32045A	BIO MEDICAL ENGINEERING	20	31	3
14BJ1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14BJ1A0405	RT32049	SEMINAR	45	0	1
14BJ1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
14BJ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	25	9	0
14BJ1A0406	RT32043	DIGITAL COMMUNICATIONS	27	35	3
14BJ1A0406	RT32044	MICROWAVE ENGINEERING	24	53	3
14BJ1A0406	RT32045A	BIO MEDICAL ENGINEERING	24	47	3
14BJ1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
14BJ1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0406	RT32049	SEMINAR	45	0	1
14BJ1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
14BJ1A0407	RT32042	DIGITAL SIGNAL PROCESSING	22	39	3
14BJ1A0407	RT32043	DIGITAL COMMUNICATIONS	28	17	0
14BJ1A0407	RT32044	MICROWAVE ENGINEERING	21	44	3
14BJ1A0407	RT32045A	BIO MEDICAL ENGINEERING	22	15	0
14BJ1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14BJ1A0407	RT32049	SEMINAR	45	0	1
14BJ1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	16	0
14BJ1A0408	RT32042	DIGITAL SIGNAL PROCESSING	29	24	3
14BJ1A0408	RT32043	DIGITAL COMMUNICATIONS	28	27	3
14BJ1A0408	RT32044	MICROWAVE ENGINEERING	28	36	3
14BJ1A0408	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
14BJ1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0408	RT32049	SEMINAR	46	0	1
14BJ1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	30	3
14BJ1A0409	RT32042	DIGITAL SIGNAL PROCESSING	23	28	3
14BJ1A0409	RT32043	DIGITAL COMMUNICATIONS	26	33	3
14BJ1A0409	RT32044	MICROWAVE ENGINEERING	26	42	3
14BJ1A0409	RT32045A	BIO MEDICAL ENGINEERING	25	47	3
14BJ1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0409	RT32049	SEMINAR	47	0	1
14BJ1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	52	3
14BJ1A0411	RT32042	DIGITAL SIGNAL PROCESSING	29	24	3
14BJ1A0411	RT32043	DIGITAL COMMUNICATIONS	29	45	3
14BJ1A0411	RT32044	MICROWAVE ENGINEERING	28	58	3
14BJ1A0411	RT32045A	BIO MEDICAL ENGINEERING	25	56	3
14BJ1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14BJ1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0411	RT32049	SEMINAR	50	0	1
14BJ1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
14BJ1A0412	RT32042	DIGITAL SIGNAL PROCESSING	26	55	3
14BJ1A0412	RT32043	DIGITAL COMMUNICATIONS	28	29	3
14BJ1A0412	RT32044	MICROWAVE ENGINEERING	27	68	3
14BJ1A0412	RT32045A	BIO MEDICAL ENGINEERING	25	65	3
14BJ1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14BJ1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14BJ1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0412	RT32049	SEMINAR	50	0	1
14BJ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	2	0
14BJ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
14BJ1A0413	RT32043	DIGITAL COMMUNICATIONS	15	0	0
14BJ1A0413	RT32044	MICROWAVE ENGINEERING	8	1	0
14BJ1A0413	RT32045A	BIO MEDICAL ENGINEERING	5	5	0
14BJ1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
14BJ1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	22	39	2
14BJ1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	35	2
14BJ1A0413	RT32049	SEMINAR	49	0	1
14BJ1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	8	0
14BJ1A0414	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0414	RT32043	DIGITAL COMMUNICATIONS	20	34	3
14BJ1A0414	RT32044	MICROWAVE ENGINEERING	21	0	0
14BJ1A0414	RT32045A	BIO MEDICAL ENGINEERING	22	32	3
14BJ1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
14BJ1A0414	RT32049	SEMINAR	48	0	1
14BJ1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	10	0
14BJ1A0415	RT32042	DIGITAL SIGNAL PROCESSING	20	8	0
14BJ1A0415	RT32043	DIGITAL COMMUNICATIONS	28	42	3
14BJ1A0415	RT32044	MICROWAVE ENGINEERING	23	46	3
14BJ1A0415	RT32045A	BIO MEDICAL ENGINEERING	24	31	3
14BJ1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14BJ1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14BJ1A0415	RT32049	SEMINAR	45	0	1
14BJ1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	31	3
14BJ1A0416	RT32042	DIGITAL SIGNAL PROCESSING	27	52	3
14BJ1A0416	RT32043	DIGITAL COMMUNICATIONS	28	36	3
14BJ1A0416	RT32044	MICROWAVE ENGINEERING	26	56	3
14BJ1A0416	RT32045A	BIO MEDICAL ENGINEERING	25	56	3
14BJ1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0416	RT32049	SEMINAR	50	0	1
14BJ1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3
14BJ1A0417	RT32042	DIGITAL SIGNAL PROCESSING	19	4	0
14BJ1A0417	RT32043	DIGITAL COMMUNICATIONS	19	9	0
14BJ1A0417	RT32044	MICROWAVE ENGINEERING	17	24	3
14BJ1A0417	RT32045A	BIO MEDICAL ENGINEERING	19	29	3
14BJ1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
14BJ1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
14BJ1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	44	2
14BJ1A0417	RT32049	SEMINAR	47	0	1
14BJ1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	15	0
14BJ1A0418	RT32042	DIGITAL SIGNAL PROCESSING	22	28	3
14BJ1A0418	RT32043	DIGITAL COMMUNICATIONS	20	14	0
14BJ1A0418	RT32044	MICROWAVE ENGINEERING	17	33	3
14BJ1A0418	RT32045A	BIO MEDICAL ENGINEERING	21	41	3
14BJ1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14BJ1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
14BJ1A0418	RT32049	SEMINAR	48	0	1
14BJ1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	15	0
14BJ1A0419	RT32042	DIGITAL SIGNAL PROCESSING	24	9	0
14BJ1A0419	RT32043	DIGITAL COMMUNICATIONS	26	6	0
14BJ1A0419	RT32044	MICROWAVE ENGINEERING	22	65	3
14BJ1A0419	RT32045A	BIO MEDICAL ENGINEERING	22	55	3
14BJ1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14BJ1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0419	RT32049	SEMINAR	49	0	1
14BJ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	13	0
14BJ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	2	0
14BJ1A0420	RT32043	DIGITAL COMMUNICATIONS	22	0	0
14BJ1A0420	RT32044	MICROWAVE ENGINEERING	23	29	3
14BJ1A0420	RT32045A	BIO MEDICAL ENGINEERING	22	10	0
14BJ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
14BJ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
14BJ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	48	2
14BJ1A0420	RT32049	SEMINAR	45	0	1
14BJ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	18	0
14BJ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	18	6	0
14BJ1A0422	RT32043	DIGITAL COMMUNICATIONS	23	18	0
14BJ1A0422	RT32044	MICROWAVE ENGINEERING	22	24	3
14BJ1A0422	RT32045A	BIO MEDICAL ENGINEERING	20	18	0
14BJ1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14BJ1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
14BJ1A0422	RT32049	SEMINAR	46	0	1
14BJ1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
14BJ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
14BJ1A0425	RT32043	DIGITAL COMMUNICATIONS	27	40	3
14BJ1A0425	RT32044	MICROWAVE ENGINEERING	25	30	3
14BJ1A0425	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
14BJ1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
14BJ1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0425	RT32049	SEMINAR	49	0	1
14BJ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	14	0
14BJ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	24	8	0
14BJ1A0426	RT32043	DIGITAL COMMUNICATIONS	19	11	0
14BJ1A0426	RT32044	MICROWAVE ENGINEERING	23	39	3
14BJ1A0426	RT32045A	BIO MEDICAL ENGINEERING	21	29	3
14BJ1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
14BJ1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	47	2
14BJ1A0426	RT32049	SEMINAR	45	0	1
14BJ1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	30	3
14BJ1A0429	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
14BJ1A0429	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ1A0429	RT32044	MICROWAVE ENGINEERING	24	45	3
14BJ1A0429	RT32045A	BIO MEDICAL ENGINEERING	24	33	3
14BJ1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14BJ1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14BJ1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	50	2
14BJ1A0429	RT32049	SEMINAR	47	0	1
14BJ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	2	0
14BJ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	18	0	0
14BJ1A0430	RT32043	DIGITAL COMMUNICATIONS	26	18	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0430	RT32044	MICROWAVE ENGINEERING	26	15	0
14BJ1A0430	RT32045A	BIO MEDICAL ENGINEERING	17	8	0
14BJ1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
14BJ1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0430	RT32049	SEMINAR	46	0	1
14BJ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	2	0
14BJ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	23	15	0
14BJ1A0432	RT32043	DIGITAL COMMUNICATIONS	28	27	3
14BJ1A0432	RT32044	MICROWAVE ENGINEERING	23	32	3
14BJ1A0432	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
14BJ1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14BJ1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
14BJ1A0432	RT32049	SEMINAR	49	0	1
14BJ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	6	0
14BJ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	20	4	0
14BJ1A0433	RT32043	DIGITAL COMMUNICATIONS	19	7	0
14BJ1A0433	RT32044	MICROWAVE ENGINEERING	19	55	3
14BJ1A0433	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
14BJ1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14BJ1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
14BJ1A0433	RT32049	SEMINAR	47	0	1
14BJ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	5	0
14BJ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	21	6	0
14BJ1A0434	RT32043	DIGITAL COMMUNICATIONS	20	0	0
14BJ1A0434	RT32044	MICROWAVE ENGINEERING	21	34	3
14BJ1A0434	RT32045A	BIO MEDICAL ENGINEERING	17	13	0
14BJ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
14BJ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
14BJ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	35	2
14BJ1A0434	RT32049	SEMINAR	45	0	1
14BJ1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	16	0
14BJ1A0435	RT32042	DIGITAL SIGNAL PROCESSING	24	15	0
14BJ1A0435	RT32043	DIGITAL COMMUNICATIONS	21	18	0
14BJ1A0435	RT32044	MICROWAVE ENGINEERING	22	24	3
14BJ1A0435	RT32045A	BIO MEDICAL ENGINEERING	20	28	3
14BJ1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
14BJ1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0435	RT32049	SEMINAR	48	0	1
14BJ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	17	0
14BJ1A0436	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
14BJ1A0436	RT32043	DIGITAL COMMUNICATIONS	25	30	3
14BJ1A0436	RT32044	MICROWAVE ENGINEERING	23	40	3
14BJ1A0436	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
14BJ1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0436	RT32049	SEMINAR	49	0	1
14BJ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
14BJ1A0437	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
14BJ1A0437	RT32043	DIGITAL COMMUNICATIONS	27	30	3
14BJ1A0437	RT32044	MICROWAVE ENGINEERING	21	38	3
14BJ1A0437	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
14BJ1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
14BJ1A0437	RT32049	SEMINAR	46	0	1
14BJ1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	9	0
14BJ1A0438	RT32042	DIGITAL SIGNAL PROCESSING	21	2	0
14BJ1A0438	RT32043	DIGITAL COMMUNICATIONS	23	7	0
14BJ1A0438	RT32044	MICROWAVE ENGINEERING	18	0	0
14BJ1A0438	RT32045A	BIO MEDICAL ENGINEERING	15	10	0
14BJ1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14BJ1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
14BJ1A0438	RT32049	SEMINAR	45	0	1
14BJ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	4	9	0
14BJ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	4	3	0
14BJ1A0439	RT32043	DIGITAL COMMUNICATIONS	4	10	0
14BJ1A0439	RT32044	MICROWAVE ENGINEERING	4	24	0
14BJ1A0439	RT32045A	BIO MEDICAL ENGINEERING	3	33	0
14BJ1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	40	2
14BJ1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	14	38	2
14BJ1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	38	2
14BJ1A0439	RT32049	SEMINAR	47	0	1
14BJ1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	13	0
14BJ1A0441	RT32042	DIGITAL SIGNAL PROCESSING	18	12	0
14BJ1A0441	RT32043	DIGITAL COMMUNICATIONS	18	34	3
14BJ1A0441	RT32044	MICROWAVE ENGINEERING	21	38	3
14BJ1A0441	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
14BJ1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14BJ1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
14BJ1A0441	RT32049	SEMINAR	46	0	1
14BJ1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
14BJ1A0442	RT32042	DIGITAL SIGNAL PROCESSING	24	8	0
14BJ1A0442	RT32043	DIGITAL COMMUNICATIONS	25	35	3
14BJ1A0442	RT32044	MICROWAVE ENGINEERING	22	49	3
14BJ1A0442	RT32045A	BIO MEDICAL ENGINEERING	20	35	3
14BJ1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0442	RT32049	SEMINAR	47	0	1
14BJ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
14BJ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
14BJ1A0443	RT32043	DIGITAL COMMUNICATIONS	23	0	0
14BJ1A0443	RT32044	MICROWAVE ENGINEERING	19	0	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0443	RT32045A	BIO MEDICAL ENGINEERING	18	0	0
14BJ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
14BJ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	14	-1	0
14BJ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	-1	0
14BJ1A0443	RT32049	SEMINAR	45	0	1
14BJ1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
14BJ1A0444	RT32042	DIGITAL SIGNAL PROCESSING	18	-1	0
14BJ1A0444	RT32043	DIGITAL COMMUNICATIONS	20	-1	0
14BJ1A0444	RT32044	MICROWAVE ENGINEERING	15	6	0
14BJ1A0444	RT32045A	BIO MEDICAL ENGINEERING	12	-1	0
14BJ1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
14BJ1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
14BJ1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
14BJ1A0444	RT32049	SEMINAR	47	0	1
14BJ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	42	3
14BJ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	28	31	3
14BJ1A0445	RT32043	DIGITAL COMMUNICATIONS	29	53	3
14BJ1A0445	RT32044	MICROWAVE ENGINEERING	26	46	3
14BJ1A0445	RT32045A	BIO MEDICAL ENGINEERING	25	49	3
14BJ1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
14BJ1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0445	RT32049	SEMINAR	45	0	1
14BJ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	17	0
14BJ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	20	13	0
14BJ1A0446	RT32043	DIGITAL COMMUNICATIONS	26	18	0
14BJ1A0446	RT32044	MICROWAVE ENGINEERING	26	65	3
14BJ1A0446	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
14BJ1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A0446	RT32049	SEMINAR	45	0	1
14BJ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	22	0
14BJ1A0448	RT32042	DIGITAL SIGNAL PROCESSING	22	3	0
14BJ1A0448	RT32043	DIGITAL COMMUNICATIONS	26	10	0
14BJ1A0448	RT32044	MICROWAVE ENGINEERING	23	4	0
14BJ1A0448	RT32045A	BIO MEDICAL ENGINEERING	24	5	0
14BJ1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0448	RT32049	SEMINAR	47	0	1
14BJ1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	7	0
14BJ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	22	3	0
14BJ1A0449	RT32043	DIGITAL COMMUNICATIONS	20	3	0
14BJ1A0449	RT32044	MICROWAVE ENGINEERING	19	1	0
14BJ1A0449	RT32045A	BIO MEDICAL ENGINEERING	22	15	0
14BJ1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14BJ1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14BJ1A0449	RT32049	SEMINAR	46	0	1

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	58	3
14BJ1A0450	RT32042	DIGITAL SIGNAL PROCESSING	28	42	3
14BJ1A0450	RT32043	DIGITAL COMMUNICATIONS	29	63	3
14BJ1A0450	RT32044	MICROWAVE ENGINEERING	27	52	3
14BJ1A0450	RT32045A	BIO MEDICAL ENGINEERING	27	49	3
14BJ1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0450	RT32049	SEMINAR	50	0	1
14BJ1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	6	0
14BJ1A0451	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
14BJ1A0451	RT32043	DIGITAL COMMUNICATIONS	22	0	0
14BJ1A0451	RT32044	MICROWAVE ENGINEERING	15	38	3
14BJ1A0451	RT32045A	BIO MEDICAL ENGINEERING	18	-1	0
14BJ1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
14BJ1A0451	RT32049	SEMINAR	47	0	1
14BJ1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	32	3
14BJ1A0452	RT32042	DIGITAL SIGNAL PROCESSING	24	46	3
14BJ1A0452	RT32043	DIGITAL COMMUNICATIONS	28	38	3
14BJ1A0452	RT32044	MICROWAVE ENGINEERING	29	58	3
14BJ1A0452	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
14BJ1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14BJ1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0452	RT32049	SEMINAR	50	0	1
14BJ1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	12	0
14BJ1A0453	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
14BJ1A0453	RT32043	DIGITAL COMMUNICATIONS	22	4	0
14BJ1A0453	RT32044	MICROWAVE ENGINEERING	22	25	3
14BJ1A0453	RT32045A	BIO MEDICAL ENGINEERING	18	12	0
14BJ1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14BJ1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
14BJ1A0453	RT32049	SEMINAR	49	0	1
14BJ1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	36	3
14BJ1A0454	RT32042	DIGITAL SIGNAL PROCESSING	19	16	0
14BJ1A0454	RT32043	DIGITAL COMMUNICATIONS	19	36	3
14BJ1A0454	RT32044	MICROWAVE ENGINEERING	20	33	3
14BJ1A0454	RT32045A	BIO MEDICAL ENGINEERING	23	39	3
14BJ1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0454	RT32049	SEMINAR	50	0	1
14BJ1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	4	0
14BJ1A0455	RT32042	DIGITAL SIGNAL PROCESSING	22	4	0
14BJ1A0455	RT32043	DIGITAL COMMUNICATIONS	22	9	0
14BJ1A0455	RT32044	MICROWAVE ENGINEERING	20	44	3
14BJ1A0455	RT32045A	BIO MEDICAL ENGINEERING	17	15	0



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
14BJ1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
14BJ1A0455	RT32049	SEMINAR	45	0	1
14BJ1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	10	0
14BJ1A0456	RT32042	DIGITAL SIGNAL PROCESSING	21	9	0
14BJ1A0456	RT32043	DIGITAL COMMUNICATIONS	26	0	0
14BJ1A0456	RT32044	MICROWAVE ENGINEERING	20	29	3
14BJ1A0456	RT32045A	BIO MEDICAL ENGINEERING	18	16	0
14BJ1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
14BJ1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
14BJ1A0456	RT32049	SEMINAR	49	0	1
14BJ1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	12	0
14BJ1A0457	RT32042	DIGITAL SIGNAL PROCESSING	17	0	0
14BJ1A0457	RT32043	DIGITAL COMMUNICATIONS	25	0	0
14BJ1A0457	RT32044	MICROWAVE ENGINEERING	15	1	0
14BJ1A0457	RT32045A	BIO MEDICAL ENGINEERING	20	15	0
14BJ1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
14BJ1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
14BJ1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	38	2
14BJ1A0457	RT32049	SEMINAR	45	0	1
14BJ1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	10	0
14BJ1A0458	RT32042	DIGITAL SIGNAL PROCESSING	22	24	3
14BJ1A0458	RT32043	DIGITAL COMMUNICATIONS	27	51	3
14BJ1A0458	RT32044	MICROWAVE ENGINEERING	20	43	3
14BJ1A0458	RT32045A	BIO MEDICAL ENGINEERING	23	48	3
14BJ1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14BJ1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0458	RT32049	SEMINAR	47	0	1
14BJ1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	5	0
14BJ1A0459	RT32042	DIGITAL SIGNAL PROCESSING	19	7	0
14BJ1A0459	RT32043	DIGITAL COMMUNICATIONS	20	17	0
14BJ1A0459	RT32044	MICROWAVE ENGINEERING	19	48	3
14BJ1A0459	RT32045A	BIO MEDICAL ENGINEERING	16	26	3
14BJ1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0459	RT32049	SEMINAR	48	0	1
14BJ1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	43	3
14BJ1A0461	RT32042	DIGITAL SIGNAL PROCESSING	27	51	3
14BJ1A0461	RT32043	DIGITAL COMMUNICATIONS	29	40	3
14BJ1A0461	RT32044	MICROWAVE ENGINEERING	24	60	3
14BJ1A0461	RT32045A	BIO MEDICAL ENGINEERING	23	60	3
14BJ1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14BJ1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0461	RT32049	SEMINAR	48	0	1
14BJ1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	8	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0462	RT32042	DIGITAL SIGNAL PROCESSING	22	2	0
14BJ1A0462	RT32043	DIGITAL COMMUNICATIONS	22	5	0
14BJ1A0462	RT32044	MICROWAVE ENGINEERING	20	10	0
14BJ1A0462	RT32045A	BIO MEDICAL ENGINEERING	20	20	0
14BJ1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0462	RT32049	SEMINAR	48	0	1
14BJ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	12	0
14BJ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	23	27	3
14BJ1A0463	RT32043	DIGITAL COMMUNICATIONS	27	54	3
14BJ1A0463	RT32044	MICROWAVE ENGINEERING	24	46	3
14BJ1A0463	RT32045A	BIO MEDICAL ENGINEERING	24	37	3
14BJ1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
14BJ1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0463	RT32049	SEMINAR	47	0	1
14BJ1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
14BJ1A0464	RT32042	DIGITAL SIGNAL PROCESSING	25	13	0
14BJ1A0464	RT32043	DIGITAL COMMUNICATIONS	28	30	3
14BJ1A0464	RT32044	MICROWAVE ENGINEERING	24	47	3
14BJ1A0464	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
14BJ1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0464	RT32049	SEMINAR	45	0	1
14BJ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	14	0
14BJ1A0465	RT32042	DIGITAL SIGNAL PROCESSING	28	44	3
14BJ1A0465	RT32043	DIGITAL COMMUNICATIONS	27	13	0
14BJ1A0465	RT32044	MICROWAVE ENGINEERING	25	24	3
14BJ1A0465	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
14BJ1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0465	RT32049	SEMINAR	49	0	1
14BJ1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
14BJ1A0466	RT32042	DIGITAL SIGNAL PROCESSING	26	15	0
14BJ1A0466	RT32043	DIGITAL COMMUNICATIONS	24	39	3
14BJ1A0466	RT32044	MICROWAVE ENGINEERING	23	43	3
14BJ1A0466	RT32045A	BIO MEDICAL ENGINEERING	24	29	3
14BJ1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0466	RT32049	SEMINAR	45	0	1
14BJ1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3
14BJ1A0467	RT32042	DIGITAL SIGNAL PROCESSING	27	35	3
14BJ1A0467	RT32043	DIGITAL COMMUNICATIONS	30	54	3
14BJ1A0467	RT32044	MICROWAVE ENGINEERING	25	42	3
14BJ1A0467	RT32045A	BIO MEDICAL ENGINEERING	26	53	3
14BJ1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0467	RT32049	SEMINAR	46	0	1
14BJ1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	9	0
14BJ1A0468	RT32042	DIGITAL SIGNAL PROCESSING	24	7	0
14BJ1A0468	RT32043	DIGITAL COMMUNICATIONS	25	33	3
14BJ1A0468	RT32044	MICROWAVE ENGINEERING	23	62	3
14BJ1A0468	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
14BJ1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
14BJ1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0468	RT32049	SEMINAR	47	0	1
14BJ1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	38	3
14BJ1A0469	RT32042	DIGITAL SIGNAL PROCESSING	27	47	3
14BJ1A0469	RT32043	DIGITAL COMMUNICATIONS	25	30	3
14BJ1A0469	RT32044	MICROWAVE ENGINEERING	23	53	3
14BJ1A0469	RT32045A	BIO MEDICAL ENGINEERING	26	32	3
14BJ1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	50	2
14BJ1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0469	RT32049	SEMINAR	50	0	1
14BJ1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	18	0
14BJ1A0470	RT32042	DIGITAL SIGNAL PROCESSING	29	10	0
14BJ1A0470	RT32043	DIGITAL COMMUNICATIONS	26	42	3
14BJ1A0470	RT32044	MICROWAVE ENGINEERING	24	45	3
14BJ1A0470	RT32045A	BIO MEDICAL ENGINEERING	24	48	3
14BJ1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0470	RT32049	SEMINAR	49	0	1
14BJ1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
14BJ1A0471	RT32042	DIGITAL SIGNAL PROCESSING	29	24	3
14BJ1A0471	RT32043	DIGITAL COMMUNICATIONS	29	49	3
14BJ1A0471	RT32044	MICROWAVE ENGINEERING	26	46	3
14BJ1A0471	RT32045A	BIO MEDICAL ENGINEERING	23	47	3
14BJ1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0471	RT32049	SEMINAR	50	0	1
14BJ1A0472	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	15	0
14BJ1A0472	RT32042	DIGITAL SIGNAL PROCESSING	27	17	0
14BJ1A0472	RT32043	DIGITAL COMMUNICATIONS	27	14	0
14BJ1A0472	RT32044	MICROWAVE ENGINEERING	26	63	3
14BJ1A0472	RT32045A	BIO MEDICAL ENGINEERING	24	53	3
14BJ1A0472	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14BJ1A0472	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ1A0472	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0472	RT32049	SEMINAR	50	0	1
14BJ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	17	0
14BJ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	18	42	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0473	RT32043	DIGITAL COMMUNICATIONS	26	27	3
14BJ1A0473	RT32044	MICROWAVE ENGINEERING	20	41	3
14BJ1A0473	RT32045A	BIO MEDICAL ENGINEERING	16	16	0
14BJ1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	49	2
14BJ1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	47	2
14BJ1A0473	RT32049	SEMINAR	49	0	1
14BJ1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	49	3
14BJ1A0474	RT32042	DIGITAL SIGNAL PROCESSING	28	39	3
14BJ1A0474	RT32043	DIGITAL COMMUNICATIONS	28	49	3
14BJ1A0474	RT32044	MICROWAVE ENGINEERING	28	47	3
14BJ1A0474	RT32045A	BIO MEDICAL ENGINEERING	24	58	3
14BJ1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14BJ1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0474	RT32049	SEMINAR	47	0	1
14BJ1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
14BJ1A0475	RT32042	DIGITAL SIGNAL PROCESSING	20	15	0
14BJ1A0475	RT32043	DIGITAL COMMUNICATIONS	25	29	3
14BJ1A0475	RT32044	MICROWAVE ENGINEERING	23	24	3
14BJ1A0475	RT32045A	BIO MEDICAL ENGINEERING	20	31	3
14BJ1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14BJ1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0475	RT32049	SEMINAR	48	0	1
14BJ1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	10	0
14BJ1A0476	RT32042	DIGITAL SIGNAL PROCESSING	20	17	0
14BJ1A0476	RT32043	DIGITAL COMMUNICATIONS	16	13	0
14BJ1A0476	RT32044	MICROWAVE ENGINEERING	19	44	3
14BJ1A0476	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
14BJ1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14BJ1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
14BJ1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
14BJ1A0476	RT32049	SEMINAR	46	0	1
14BJ1A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	29	3
14BJ1A0478	RT32042	DIGITAL SIGNAL PROCESSING	25	30	3
14BJ1A0478	RT32043	DIGITAL COMMUNICATIONS	27	24	3
14BJ1A0478	RT32044	MICROWAVE ENGINEERING	23	46	3
14BJ1A0478	RT32045A	BIO MEDICAL ENGINEERING	25	24	3
14BJ1A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0478	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14BJ1A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0478	RT32049	SEMINAR	47	0	1
14BJ1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	26	3
14BJ1A0479	RT32042	DIGITAL SIGNAL PROCESSING	18	18	0
14BJ1A0479	RT32043	DIGITAL COMMUNICATIONS	17	29	3
14BJ1A0479	RT32044	MICROWAVE ENGINEERING	22	28	3
14BJ1A0479	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
14BJ1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
14BJ1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
14BJ1A0479	RT32049	SEMINAR	48	0	1
14BJ1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
14BJ1A0480	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
14BJ1A0480	RT32043	DIGITAL COMMUNICATIONS	21	34	3
14BJ1A0480	RT32044	MICROWAVE ENGINEERING	19	34	3
14BJ1A0480	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
14BJ1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	49	2
14BJ1A0480	RT32049	SEMINAR	45	0	1
14BJ1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
14BJ1A0481	RT32042	DIGITAL SIGNAL PROCESSING	20	18	0
14BJ1A0481	RT32043	DIGITAL COMMUNICATIONS	26	47	3
14BJ1A0481	RT32044	MICROWAVE ENGINEERING	22	59	3
14BJ1A0481	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
14BJ1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14BJ1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0481	RT32049	SEMINAR	48	0	1
14BJ1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	3	30	0
14BJ1A0482	RT32042	DIGITAL SIGNAL PROCESSING	16	5	0
14BJ1A0482	RT32043	DIGITAL COMMUNICATIONS	14	8	0
14BJ1A0482	RT32044	MICROWAVE ENGINEERING	10	17	0
14BJ1A0482	RT32045A	BIO MEDICAL ENGINEERING	10	0	0
14BJ1A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
14BJ1A0482	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
14BJ1A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	40	2
14BJ1A0482	RT32049	SEMINAR	47	0	1
14BJ1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	11	0
14BJ1A0483	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
14BJ1A0483	RT32043	DIGITAL COMMUNICATIONS	26	20	0
14BJ1A0483	RT32044	MICROWAVE ENGINEERING	20	0	0
14BJ1A0483	RT32045A	BIO MEDICAL ENGINEERING	15	40	3
14BJ1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0483	RT32049	SEMINAR	49	0	1
14BJ1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
14BJ1A0484	RT32042	DIGITAL SIGNAL PROCESSING	16	8	0
14BJ1A0484	RT32043	DIGITAL COMMUNICATIONS	13	0	0
14BJ1A0484	RT32044	MICROWAVE ENGINEERING	14	0	0
14BJ1A0484	RT32045A	BIO MEDICAL ENGINEERING	10	13	0
14BJ1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
14BJ1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
14BJ1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
14BJ1A0484	RT32049	SEMINAR	50	0	1
14BJ1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	28	3
14BJ1A0486	RT32042	DIGITAL SIGNAL PROCESSING	28	24	3
14BJ1A0486	RT32043	DIGITAL COMMUNICATIONS	29	32	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0486	RT32044	MICROWAVE ENGINEERING	20	54	3
14BJ1A0486	RT32045A	BIO MEDICAL ENGINEERING	26	39	3
14BJ1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0486	RT32049	SEMINAR	45	0	1
14BJ1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	28	3
14BJ1A0487	RT32042	DIGITAL SIGNAL PROCESSING	27	29	3
14BJ1A0487	RT32043	DIGITAL COMMUNICATIONS	27	24	3
14BJ1A0487	RT32044	MICROWAVE ENGINEERING	24	48	3
14BJ1A0487	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
14BJ1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	49	2
14BJ1A0487	RT32049	SEMINAR	47	0	1
14BJ1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
14BJ1A0488	RT32042	DIGITAL SIGNAL PROCESSING	20	4	0
14BJ1A0488	RT32043	DIGITAL COMMUNICATIONS	22	9	0
14BJ1A0488	RT32044	MICROWAVE ENGINEERING	17	18	0
14BJ1A0488	RT32045A	BIO MEDICAL ENGINEERING	17	26	3
14BJ1A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0488	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
14BJ1A0488	RT32049	SEMINAR	45	0	1
14BJ1A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	3	0
14BJ1A0490	RT32042	DIGITAL SIGNAL PROCESSING	20	17	0
14BJ1A0490	RT32043	DIGITAL COMMUNICATIONS	21	32	3
14BJ1A0490	RT32044	MICROWAVE ENGINEERING	19	31	3
14BJ1A0490	RT32045A	BIO MEDICAL ENGINEERING	18	30	3
14BJ1A0490	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14BJ1A0490	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
14BJ1A0490	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14BJ1A0490	RT32049	SEMINAR	47	0	1
14BJ1A0491	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	8	0
14BJ1A0491	RT32042	DIGITAL SIGNAL PROCESSING	27	14	0
14BJ1A0491	RT32043	DIGITAL COMMUNICATIONS	26	41	3
14BJ1A0491	RT32044	MICROWAVE ENGINEERING	23	54	3
14BJ1A0491	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
14BJ1A0491	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A0491	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A0491	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A0491	RT32049	SEMINAR	45	0	1
14BJ1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	29	3
14BJ1A0492	RT32042	DIGITAL SIGNAL PROCESSING	19	44	3
14BJ1A0492	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ1A0492	RT32044	MICROWAVE ENGINEERING	19	34	3
14BJ1A0492	RT32045A	BIO MEDICAL ENGINEERING	18	19	0
14BJ1A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
14BJ1A0492	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0492	RT32049	SEMINAR	46	0	1
14BJ1A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
14BJ1A0493	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
14BJ1A0493	RT32043	DIGITAL COMMUNICATIONS	23	34	3
14BJ1A0493	RT32044	MICROWAVE ENGINEERING	18	30	3
14BJ1A0493	RT32045A	BIO MEDICAL ENGINEERING	14	44	3
14BJ1A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ1A0493	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
14BJ1A0493	RT32049	SEMINAR	47	0	1
14BJ1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	59	3
14BJ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	28	34	3
14BJ1A0495	RT32043	DIGITAL COMMUNICATIONS	28	46	3
14BJ1A0495	RT32044	MICROWAVE ENGINEERING	24	47	3
14BJ1A0495	RT32045A	BIO MEDICAL ENGINEERING	26	34	3
14BJ1A0495	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
14BJ1A0495	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0495	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0495	RT32049	SEMINAR	45	0	1
14BJ1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	14	0
14BJ1A0496	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
14BJ1A0496	RT32043	DIGITAL COMMUNICATIONS	21	31	3
14BJ1A0496	RT32044	MICROWAVE ENGINEERING	24	44	3
14BJ1A0496	RT32045A	BIO MEDICAL ENGINEERING	22	29	3
14BJ1A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0496	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0496	RT32049	SEMINAR	46	0	1
14BJ1A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	30	3
14BJ1A0497	RT32042	DIGITAL SIGNAL PROCESSING	17	2	0
14BJ1A0497	RT32043	DIGITAL COMMUNICATIONS	17	0	0
14BJ1A0497	RT32044	MICROWAVE ENGINEERING	14	4	0
14BJ1A0497	RT32045A	BIO MEDICAL ENGINEERING	14	0	0
14BJ1A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14BJ1A0497	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
14BJ1A0497	RT32049	SEMINAR	47	0	1
14BJ1A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
14BJ1A0498	RT32042	DIGITAL SIGNAL PROCESSING	22	16	0
14BJ1A0498	RT32043	DIGITAL COMMUNICATIONS	19	25	3
14BJ1A0498	RT32044	MICROWAVE ENGINEERING	21	10	0
14BJ1A0498	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
14BJ1A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14BJ1A0498	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A0498	RT32049	SEMINAR	48	0	1
14BJ1A0499	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	39	3
14BJ1A0499	RT32042	DIGITAL SIGNAL PROCESSING	26	34	3
14BJ1A0499	RT32043	DIGITAL COMMUNICATIONS	26	48	3
14BJ1A0499	RT32044	MICROWAVE ENGINEERING	21	48	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0499	RT32045A	BIO MEDICAL ENGINEERING	21	46	3
14BJ1A0499	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A0499	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A0499	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	49	2
14BJ1A0499	RT32049	SEMINAR	49	0	1
14BJ1A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
14BJ1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	18	7	0
14BJ1A04A0	RT32043	DIGITAL COMMUNICATIONS	12	3	0
14BJ1A04A0	RT32044	MICROWAVE ENGINEERING	17	37	3
14BJ1A04A0	RT32045A	BIO MEDICAL ENGINEERING	12	32	3
14BJ1A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14BJ1A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
14BJ1A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
14BJ1A04A0	RT32049	SEMINAR	47	0	1
14BJ1A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	35	3
14BJ1A04A1	RT32042	DIGITAL SIGNAL PROCESSING	28	39	3
14BJ1A04A1	RT32043	DIGITAL COMMUNICATIONS	28	29	3
14BJ1A04A1	RT32044	MICROWAVE ENGINEERING	24	46	3
14BJ1A04A1	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
14BJ1A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14BJ1A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04A1	RT32049	SEMINAR	45	0	1
14BJ1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	15	0
14BJ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	25	4	0
14BJ1A04A2	RT32043	DIGITAL COMMUNICATIONS	25	27	3
14BJ1A04A2	RT32044	MICROWAVE ENGINEERING	23	24	3
14BJ1A04A2	RT32045A	BIO MEDICAL ENGINEERING	25	37	3
14BJ1A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14BJ1A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14BJ1A04A2	RT32049	SEMINAR	46	0	1
14BJ1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
14BJ1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	26	7	0
14BJ1A04A3	RT32043	DIGITAL COMMUNICATIONS	26	29	3
14BJ1A04A3	RT32044	MICROWAVE ENGINEERING	25	33	3
14BJ1A04A3	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
14BJ1A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	48	2
14BJ1A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14BJ1A04A3	RT32049	SEMINAR	47	0	1
14BJ1A04A4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	29	3
14BJ1A04A4	RT32042	DIGITAL SIGNAL PROCESSING	20	10	0
14BJ1A04A4	RT32043	DIGITAL COMMUNICATIONS	27	36	3
14BJ1A04A4	RT32044	MICROWAVE ENGINEERING	19	49	3
14BJ1A04A4	RT32045A	BIO MEDICAL ENGINEERING	21	36	3
14BJ1A04A4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
14BJ1A04A4	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04A4	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
14BJ1A04A4	RT32049	SEMINAR	46	0	1



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	15	0
14BJ1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
14BJ1A04A6	RT32043	DIGITAL COMMUNICATIONS	27	0	0
14BJ1A04A6	RT32044	MICROWAVE ENGINEERING	23	8	0
14BJ1A04A6	RT32045A	BIO MEDICAL ENGINEERING	20	7	0
14BJ1A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
14BJ1A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
14BJ1A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
14BJ1A04A6	RT32049	SEMINAR	45	0	1
14BJ1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	3	0
14BJ1A04A7	RT32042	DIGITAL SIGNAL PROCESSING	21	8	0
14BJ1A04A7	RT32043	DIGITAL COMMUNICATIONS	20	12	0
14BJ1A04A7	RT32044	MICROWAVE ENGINEERING	23	2	0
14BJ1A04A7	RT32045A	BIO MEDICAL ENGINEERING	22	11	0
14BJ1A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14BJ1A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
14BJ1A04A7	RT32049	SEMINAR	46	0	1
14BJ1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	12	0
14BJ1A04A8	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
14BJ1A04A8	RT32043	DIGITAL COMMUNICATIONS	25	36	3
14BJ1A04A8	RT32044	MICROWAVE ENGINEERING	22	38	3
14BJ1A04A8	RT32045A	BIO MEDICAL ENGINEERING	19	39	3
14BJ1A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
14BJ1A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A04A8	RT32049	SEMINAR	45	0	1
14BJ1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	18	0
14BJ1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	16	4	0
14BJ1A04A9	RT32043	DIGITAL COMMUNICATIONS	16	14	0
14BJ1A04A9	RT32044	MICROWAVE ENGINEERING	16	35	3
14BJ1A04A9	RT32045A	BIO MEDICAL ENGINEERING	12	28	3
14BJ1A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
14BJ1A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
14BJ1A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	43	2
14BJ1A04A9	RT32049	SEMINAR	46	0	1
14BJ1A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	25	3
14BJ1A04B0	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
14BJ1A04B0	RT32043	DIGITAL COMMUNICATIONS	21	2	0
14BJ1A04B0	RT32044	MICROWAVE ENGINEERING	9	0	0
14BJ1A04B0	RT32045A	BIO MEDICAL ENGINEERING	11	0	0
14BJ1A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
14BJ1A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
14BJ1A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	45	2
14BJ1A04B0	RT32049	SEMINAR	45	0	1
14BJ1A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	39	3
14BJ1A04B1	RT32042	DIGITAL SIGNAL PROCESSING	27	35	3
14BJ1A04B1	RT32043	DIGITAL COMMUNICATIONS	27	31	3
14BJ1A04B1	RT32044	MICROWAVE ENGINEERING	25	32	3
14BJ1A04B1	RT32045A	BIO MEDICAL ENGINEERING	24	41	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ1A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A04B1	RT32049	SEMINAR	47	0	1
14BJ1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	7	0
14BJ1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	20	16	0
14BJ1A04B2	RT32043	DIGITAL COMMUNICATIONS	22	32	3
14BJ1A04B2	RT32044	MICROWAVE ENGINEERING	21	32	3
14BJ1A04B2	RT32045A	BIO MEDICAL ENGINEERING	15	28	3
14BJ1A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14BJ1A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
14BJ1A04B2	RT32049	SEMINAR	46	0	1
14BJ1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	17	0
14BJ1A04B3	RT32042	DIGITAL SIGNAL PROCESSING	23	10	0
14BJ1A04B3	RT32043	DIGITAL COMMUNICATIONS	25	0	0
14BJ1A04B3	RT32044	MICROWAVE ENGINEERING	25	68	3
14BJ1A04B3	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
14BJ1A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14BJ1A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04B3	RT32049	SEMINAR	45	0	1
14BJ1A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
14BJ1A04B4	RT32042	DIGITAL SIGNAL PROCESSING	28	37	3
14BJ1A04B4	RT32043	DIGITAL COMMUNICATIONS	25	26	3
14BJ1A04B4	RT32044	MICROWAVE ENGINEERING	23	54	3
14BJ1A04B4	RT32045A	BIO MEDICAL ENGINEERING	20	33	3
14BJ1A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14BJ1A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04B4	RT32049	SEMINAR	47	0	1
14BJ1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	3	0
14BJ1A04B5	RT32042	DIGITAL SIGNAL PROCESSING	21	0	0
14BJ1A04B5	RT32043	DIGITAL COMMUNICATIONS	23	0	0
14BJ1A04B5	RT32044	MICROWAVE ENGINEERING	20	2	0
14BJ1A04B5	RT32045A	BIO MEDICAL ENGINEERING	12	6	0
14BJ1A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
14BJ1A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
14BJ1A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
14BJ1A04B5	RT32049	SEMINAR	45	0	1
14BJ1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	13	0
14BJ1A04B6	RT32042	DIGITAL SIGNAL PROCESSING	26	31	3
14BJ1A04B6	RT32043	DIGITAL COMMUNICATIONS	29	47	3
14BJ1A04B6	RT32044	MICROWAVE ENGINEERING	26	24	3
14BJ1A04B6	RT32045A	BIO MEDICAL ENGINEERING	22	51	3
14BJ1A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14BJ1A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04B6	RT32049	SEMINAR	49	0	1
14BJ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	23	9	0
14BJ1A04B7	RT32043	DIGITAL COMMUNICATIONS	21	14	0
14BJ1A04B7	RT32044	MICROWAVE ENGINEERING	21	49	3
14BJ1A04B7	RT32045A	BIO MEDICAL ENGINEERING	22	33	3
14BJ1A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A04B7	RT32049	SEMINAR	47	0	1
14BJ1A04B8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	30	3
14BJ1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	17	15	0
14BJ1A04B8	RT32043	DIGITAL COMMUNICATIONS	19	4	0
14BJ1A04B8	RT32044	MICROWAVE ENGINEERING	18	9	0
14BJ1A04B8	RT32045A	BIO MEDICAL ENGINEERING	8	6	0
14BJ1A04B8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
14BJ1A04B8	RT32047	DIGITAL COMMUNICATIONS LAB	20	41	2
14BJ1A04B8	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
14BJ1A04B8	RT32049	SEMINAR	45	0	1
14BJ1A04C0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	34	3
14BJ1A04C0	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
14BJ1A04C0	RT32043	DIGITAL COMMUNICATIONS	26	30	3
14BJ1A04C0	RT32044	MICROWAVE ENGINEERING	23	31	3
14BJ1A04C0	RT32045A	BIO MEDICAL ENGINEERING	20	37	3
14BJ1A04C0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A04C0	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14BJ1A04C0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	44	2
14BJ1A04C0	RT32049	SEMINAR	45	0	1
14BJ1A04C1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	57	3
14BJ1A04C1	RT32042	DIGITAL SIGNAL PROCESSING	27	39	3
14BJ1A04C1	RT32043	DIGITAL COMMUNICATIONS	28	58	3
14BJ1A04C1	RT32044	MICROWAVE ENGINEERING	28	59	3
14BJ1A04C1	RT32045A	BIO MEDICAL ENGINEERING	26	70	3
14BJ1A04C1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14BJ1A04C1	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A04C1	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04C1	RT32049	SEMINAR	50	0	1
14BJ1A04C2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	37	3
14BJ1A04C2	RT32042	DIGITAL SIGNAL PROCESSING	29	24	3
14BJ1A04C2	RT32043	DIGITAL COMMUNICATIONS	29	33	3
14BJ1A04C2	RT32044	MICROWAVE ENGINEERING	28	63	3
14BJ1A04C2	RT32045A	BIO MEDICAL ENGINEERING	23	47	3
14BJ1A04C2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A04C2	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
14BJ1A04C2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C2	RT32049	SEMINAR	50	0	1
14BJ1A04C3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	28	3
14BJ1A04C3	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
14BJ1A04C3	RT32043	DIGITAL COMMUNICATIONS	26	29	3
14BJ1A04C3	RT32044	MICROWAVE ENGINEERING	24	51	3
14BJ1A04C3	RT32045A	BIO MEDICAL ENGINEERING	23	16	0
14BJ1A04C3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04C3	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A04C3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C3	RT32049	SEMINAR	50	0	1
14BJ1A04C4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	6	0
14BJ1A04C4	RT32042	DIGITAL SIGNAL PROCESSING	27	10	0
14BJ1A04C4	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ1A04C4	RT32044	MICROWAVE ENGINEERING	24	24	3
14BJ1A04C4	RT32045A	BIO MEDICAL ENGINEERING	26	25	3
14BJ1A04C4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
14BJ1A04C4	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A04C4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C4	RT32049	SEMINAR	49	0	1
14BJ1A04C5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	24	3
14BJ1A04C5	RT32042	DIGITAL SIGNAL PROCESSING	25	17	0
14BJ1A04C5	RT32043	DIGITAL COMMUNICATIONS	28	47	3
14BJ1A04C5	RT32044	MICROWAVE ENGINEERING	23	31	3
14BJ1A04C5	RT32045A	BIO MEDICAL ENGINEERING	22	40	3
14BJ1A04C5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A04C5	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A04C5	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C5	RT32049	SEMINAR	48	0	1
14BJ1A04C6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	24	3
14BJ1A04C6	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
14BJ1A04C6	RT32043	DIGITAL COMMUNICATIONS	28	32	3
14BJ1A04C6	RT32044	MICROWAVE ENGINEERING	25	63	3
14BJ1A04C6	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
14BJ1A04C6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14BJ1A04C6	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A04C6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C6	RT32049	SEMINAR	49	0	1
14BJ1A04C7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	33	3
14BJ1A04C7	RT32042	DIGITAL SIGNAL PROCESSING	28	42	3
14BJ1A04C7	RT32043	DIGITAL COMMUNICATIONS	29	27	3
14BJ1A04C7	RT32044	MICROWAVE ENGINEERING	25	40	3
14BJ1A04C7	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
14BJ1A04C7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	50	2
14BJ1A04C7	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14BJ1A04C7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14BJ1A04C7	RT32049	SEMINAR	47	0	1
14BJ1A04C8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
14BJ1A04C8	RT32042	DIGITAL SIGNAL PROCESSING	20	2	0
14BJ1A04C8	RT32043	DIGITAL COMMUNICATIONS	28	0	0
14BJ1A04C8	RT32044	MICROWAVE ENGINEERING	14	0	0
14BJ1A04C8	RT32045A	BIO MEDICAL ENGINEERING	21	3	0
14BJ1A04C8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
14BJ1A04C8	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
14BJ1A04C8	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
14BJ1A04C8	RT32049	SEMINAR	46	0	1
14BJ1A04C9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	6	2	0
14BJ1A04C9	RT32042	DIGITAL SIGNAL PROCESSING	16	4	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A04C9	RT32043	DIGITAL COMMUNICATIONS	3	4	0
14BJ1A04C9	RT32044	MICROWAVE ENGINEERING	4	0	0
14BJ1A04C9	RT32045A	BIO MEDICAL ENGINEERING	18	2	0
14BJ1A04C9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
14BJ1A04C9	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
14BJ1A04C9	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	38	2
14BJ1A04C9	RT32049	SEMINAR	45	0	1
14BJ1A04D0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	8	0
14BJ1A04D0	RT32042	DIGITAL SIGNAL PROCESSING	27	18	0
14BJ1A04D0	RT32043	DIGITAL COMMUNICATIONS	24	24	3
14BJ1A04D0	RT32044	MICROWAVE ENGINEERING	21	45	3
14BJ1A04D0	RT32045A	BIO MEDICAL ENGINEERING	18	30	3
14BJ1A04D0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14BJ1A04D0	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14BJ1A04D0	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04D0	RT32049	SEMINAR	47	0	1
14BJ1A04D1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	17	0
14BJ1A04D1	RT32042	DIGITAL SIGNAL PROCESSING	16	34	3
14BJ1A04D1	RT32043	DIGITAL COMMUNICATIONS	23	2	0
14BJ1A04D1	RT32044	MICROWAVE ENGINEERING	18	11	0
14BJ1A04D1	RT32045A	BIO MEDICAL ENGINEERING	20	3	0
14BJ1A04D1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
14BJ1A04D1	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14BJ1A04D1	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	46	2
14BJ1A04D1	RT32049	SEMINAR	45	0	1
14BJ1A04D2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
14BJ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	26	10	0
14BJ1A04D2	RT32043	DIGITAL COMMUNICATIONS	26	31	3
14BJ1A04D2	RT32044	MICROWAVE ENGINEERING	25	35	3
14BJ1A04D2	RT32045A	BIO MEDICAL ENGINEERING	26	49	3
14BJ1A04D2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14BJ1A04D2	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
14BJ1A04D2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
14BJ1A04D2	RT32049	SEMINAR	45	0	1
14BJ1A04D3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	18	0
14BJ1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
14BJ1A04D3	RT32043	DIGITAL COMMUNICATIONS	25	38	3
14BJ1A04D3	RT32044	MICROWAVE ENGINEERING	10	31	3
14BJ1A04D3	RT32045A	BIO MEDICAL ENGINEERING	17	17	0
14BJ1A04D3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14BJ1A04D3	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
14BJ1A04D3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14BJ1A04D3	RT32049	SEMINAR	45	0	1
14BJ1A0501	RT32051	SOFTWARE ENGINEERING	20	24	3
14BJ1A0501	RT32052	DATA WARE HOUSING AND MINING	24	4	0
14BJ1A0501	RT32053	COMPUTER NETWORKS	22	24	3
14BJ1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	11	0
14BJ1A0501	RT32055	WEB TECHNOLOGIES	21	18	0
14BJ1A0501	RT32056	IPR AND PATENTS	19	28	2
14BJ1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0501	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
14BJ1A0501	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0502	RT32051	SOFTWARE ENGINEERING	28	24	3
14BJ1A0502	RT32052	DATA WARE HOUSING AND MINING	28	15	0
14BJ1A0502	RT32053	COMPUTER NETWORKS	26	54	3
14BJ1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	42	3
14BJ1A0502	RT32055	WEB TECHNOLOGIES	26	38	3
14BJ1A0502	RT32056	IPR AND PATENTS	25	28	2
14BJ1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
14BJ1A0502	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ1A0502	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0503	RT32051	SOFTWARE ENGINEERING	24	24	3
14BJ1A0503	RT32052	DATA WARE HOUSING AND MINING	25	31	3
14BJ1A0503	RT32053	COMPUTER NETWORKS	23	34	3
14BJ1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
14BJ1A0503	RT32055	WEB TECHNOLOGIES	21	27	3
14BJ1A0503	RT32056	IPR AND PATENTS	25	26	2
14BJ1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14BJ1A0503	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
14BJ1A0503	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14BJ1A0504	RT32051	SOFTWARE ENGINEERING	25	28	3
14BJ1A0504	RT32052	DATA WARE HOUSING AND MINING	25	31	3
14BJ1A0504	RT32053	COMPUTER NETWORKS	19	35	3
14BJ1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	45	3
14BJ1A0504	RT32055	WEB TECHNOLOGIES	20	12	0
14BJ1A0504	RT32056	IPR AND PATENTS	19	27	2
14BJ1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14BJ1A0504	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A0504	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0505	RT32051	SOFTWARE ENGINEERING	22	30	3
14BJ1A0505	RT32052	DATA WARE HOUSING AND MINING	23	27	3
14BJ1A0505	RT32053	COMPUTER NETWORKS	22	24	3
14BJ1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	24	3
14BJ1A0505	RT32055	WEB TECHNOLOGIES	24	27	3
14BJ1A0505	RT32056	IPR AND PATENTS	22	39	2
14BJ1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
14BJ1A0505	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
14BJ1A0505	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A0506	RT32051	SOFTWARE ENGINEERING	24	17	0
14BJ1A0506	RT32052	DATA WARE HOUSING AND MINING	23	10	0
14BJ1A0506	RT32053	COMPUTER NETWORKS	23	22	0
14BJ1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	24	3
14BJ1A0506	RT32055	WEB TECHNOLOGIES	26	24	3
14BJ1A0506	RT32056	IPR AND PATENTS	22	25	2
14BJ1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0506	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
14BJ1A0506	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14BJ1A0507	RT32051	SOFTWARE ENGINEERING	24	24	3
14BJ1A0507	RT32052	DATA WARE HOUSING AND MINING	26	18	0
14BJ1A0507	RT32053	COMPUTER NETWORKS	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
14BJ1A0507	RT32055	WEB TECHNOLOGIES	23	14	0
14BJ1A0507	RT32056	IPR AND PATENTS	20	18	0
14BJ1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
14BJ1A0507	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
14BJ1A0507	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0508	RT32051	SOFTWARE ENGINEERING	27	35	3
14BJ1A0508	RT32052	DATA WARE HOUSING AND MINING	25	35	3
14BJ1A0508	RT32053	COMPUTER NETWORKS	25	39	3
14BJ1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
14BJ1A0508	RT32055	WEB TECHNOLOGIES	23	17	0
14BJ1A0508	RT32056	IPR AND PATENTS	21	30	2
14BJ1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A0508	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
14BJ1A0508	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14BJ1A0509	RT32051	SOFTWARE ENGINEERING	18	24	3
14BJ1A0509	RT32052	DATA WARE HOUSING AND MINING	21	8	0
14BJ1A0509	RT32053	COMPUTER NETWORKS	21	33	3
14BJ1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	28	3
14BJ1A0509	RT32055	WEB TECHNOLOGIES	21	16	0
14BJ1A0509	RT32056	IPR AND PATENTS	20	24	2
14BJ1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0509	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14BJ1A0509	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0510	RT32051	SOFTWARE ENGINEERING	26	24	3
14BJ1A0510	RT32052	DATA WARE HOUSING AND MINING	28	10	0
14BJ1A0510	RT32053	COMPUTER NETWORKS	24	46	3
14BJ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	48	3
14BJ1A0510	RT32055	WEB TECHNOLOGIES	23	11	0
14BJ1A0510	RT32056	IPR AND PATENTS	21	27	2
14BJ1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0510	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
14BJ1A0510	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0511	RT32051	SOFTWARE ENGINEERING	19	20	0
14BJ1A0511	RT32052	DATA WARE HOUSING AND MINING	22	33	3
14BJ1A0511	RT32053	COMPUTER NETWORKS	19	9	0
14BJ1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	32	3
14BJ1A0511	RT32055	WEB TECHNOLOGIES	22	10	0
14BJ1A0511	RT32056	IPR AND PATENTS	21	24	2
14BJ1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
14BJ1A0511	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14BJ1A0511	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A0512	RT32051	SOFTWARE ENGINEERING	25	43	3
14BJ1A0512	RT32052	DATA WARE HOUSING AND MINING	25	42	3
14BJ1A0512	RT32053	COMPUTER NETWORKS	22	41	3
14BJ1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	54	3
14BJ1A0512	RT32055	WEB TECHNOLOGIES	25	12	0
14BJ1A0512	RT32056	IPR AND PATENTS	25	38	2
14BJ1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14BJ1A0512	RT32058	SOFTWARE ENGINEERING LAB	23	49	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0512	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0513	RT32051	SOFTWARE ENGINEERING	25	25	3
14BJ1A0513	RT32052	DATA WARE HOUSING AND MINING	27	28	3
14BJ1A0513	RT32053	COMPUTER NETWORKS	24	34	3
14BJ1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	25	3
14BJ1A0513	RT32055	WEB TECHNOLOGIES	26	27	3
14BJ1A0513	RT32056	IPR AND PATENTS	25	34	2
14BJ1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14BJ1A0513	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0513	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14BJ1A0514	RT32051	SOFTWARE ENGINEERING	24	24	3
14BJ1A0514	RT32052	DATA WARE HOUSING AND MINING	27	30	3
14BJ1A0514	RT32053	COMPUTER NETWORKS	22	52	3
14BJ1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	47	3
14BJ1A0514	RT32055	WEB TECHNOLOGIES	24	32	3
14BJ1A0514	RT32056	IPR AND PATENTS	19	31	2
14BJ1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
14BJ1A0514	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
14BJ1A0514	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0515	RT32051	SOFTWARE ENGINEERING	21	19	0
14BJ1A0515	RT32052	DATA WARE HOUSING AND MINING	22	29	3
14BJ1A0515	RT32053	COMPUTER NETWORKS	24	26	3
14BJ1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	25	3
14BJ1A0515	RT32055	WEB TECHNOLOGIES	25	31	3
14BJ1A0515	RT32056	IPR AND PATENTS	23	24	2
14BJ1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
14BJ1A0515	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
14BJ1A0515	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0516	RT32051	SOFTWARE ENGINEERING	23	39	3
14BJ1A0516	RT32052	DATA WARE HOUSING AND MINING	21	30	3
14BJ1A0516	RT32053	COMPUTER NETWORKS	21	31	3
14BJ1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	45	3
14BJ1A0516	RT32055	WEB TECHNOLOGIES	20	0	0
14BJ1A0516	RT32056	IPR AND PATENTS	19	27	2
14BJ1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
14BJ1A0516	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0516	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14BJ1A0517	RT32051	SOFTWARE ENGINEERING	23	24	3
14BJ1A0517	RT32052	DATA WARE HOUSING AND MINING	27	13	0
14BJ1A0517	RT32053	COMPUTER NETWORKS	22	16	0
14BJ1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	18	0
14BJ1A0517	RT32055	WEB TECHNOLOGIES	24	24	3
14BJ1A0517	RT32056	IPR AND PATENTS	23	36	2
14BJ1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
14BJ1A0517	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0517	RT32059	WEB TECHNOLOGIES LAB	22	45	2
14BJ1A0518	RT32051	SOFTWARE ENGINEERING	18	8	0
14BJ1A0518	RT32052	DATA WARE HOUSING AND MINING	16	0	0
14BJ1A0518	RT32053	COMPUTER NETWORKS	20	28	3
14BJ1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	0	0



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0518	RT32055	WEB TECHNOLOGIES	15	0	0
14BJ1A0518	RT32056	IPR AND PATENTS	18	19	0
14BJ1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
14BJ1A0518	RT32058	SOFTWARE ENGINEERING LAB	18	41	2
14BJ1A0518	RT32059	WEB TECHNOLOGIES LAB	18	36	2
14BJ1A0519	RT32051	SOFTWARE ENGINEERING	21	42	3
14BJ1A0519	RT32052	DATA WARE HOUSING AND MINING	22	37	3
14BJ1A0519	RT32053	COMPUTER NETWORKS	19	17	0
14BJ1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	31	3
14BJ1A0519	RT32055	WEB TECHNOLOGIES	25	16	0
14BJ1A0519	RT32056	IPR AND PATENTS	18	17	0
14BJ1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14BJ1A0519	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
14BJ1A0519	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A0520	RT32051	SOFTWARE ENGINEERING	22	22	0
14BJ1A0520	RT32052	DATA WARE HOUSING AND MINING	15	2	0
14BJ1A0520	RT32053	COMPUTER NETWORKS	19	2	0
14BJ1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	9	0	0
14BJ1A0520	RT32055	WEB TECHNOLOGIES	19	0	0
14BJ1A0520	RT32056	IPR AND PATENTS	18	-1	0
14BJ1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	40	2
14BJ1A0520	RT32058	SOFTWARE ENGINEERING LAB	15	40	2
14BJ1A0520	RT32059	WEB TECHNOLOGIES LAB	15	40	2
14BJ1A0522	RT32051	SOFTWARE ENGINEERING	27	24	3
14BJ1A0522	RT32052	DATA WARE HOUSING AND MINING	20	14	0
14BJ1A0522	RT32053	COMPUTER NETWORKS	27	24	3
14BJ1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	24	3
14BJ1A0522	RT32055	WEB TECHNOLOGIES	27	37	3
14BJ1A0522	RT32056	IPR AND PATENTS	21	31	2
14BJ1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
14BJ1A0522	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ1A0522	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0523	RT32051	SOFTWARE ENGINEERING	24	28	3
14BJ1A0523	RT32052	DATA WARE HOUSING AND MINING	13	0	0
14BJ1A0523	RT32053	COMPUTER NETWORKS	21	30	3
14BJ1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14BJ1A0523	RT32055	WEB TECHNOLOGIES	17	24	3
14BJ1A0523	RT32056	IPR AND PATENTS	20	17	0
14BJ1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14BJ1A0523	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
14BJ1A0523	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0524	RT32051	SOFTWARE ENGINEERING	10	8	0
14BJ1A0524	RT32052	DATA WARE HOUSING AND MINING	22	35	3
14BJ1A0524	RT32053	COMPUTER NETWORKS	23	11	0
14BJ1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	17	0
14BJ1A0524	RT32055	WEB TECHNOLOGIES	20	13	0
14BJ1A0524	RT32056	IPR AND PATENTS	18	14	0
14BJ1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
14BJ1A0524	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
14BJ1A0524	RT32059	WEB TECHNOLOGIES LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0526	RT32051	SOFTWARE ENGINEERING	19	10	0
14BJ1A0526	RT32052	DATA WARE HOUSING AND MINING	19	2	0
14BJ1A0526	RT32053	COMPUTER NETWORKS	19	8	0
14BJ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	10	0
14BJ1A0526	RT32055	WEB TECHNOLOGIES	13	0	0
14BJ1A0526	RT32056	IPR AND PATENTS	15	22	0
14BJ1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
14BJ1A0526	RT32058	SOFTWARE ENGINEERING LAB	18	45	2
14BJ1A0526	RT32059	WEB TECHNOLOGIES LAB	18	36	2
14BJ1A0528	RT32051	SOFTWARE ENGINEERING	17	21	0
14BJ1A0528	RT32052	DATA WARE HOUSING AND MINING	21	3	0
14BJ1A0528	RT32053	COMPUTER NETWORKS	26	17	0
14BJ1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	12	0
14BJ1A0528	RT32055	WEB TECHNOLOGIES	15	6	0
14BJ1A0528	RT32056	IPR AND PATENTS	18	5	0
14BJ1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	44	2
14BJ1A0528	RT32058	SOFTWARE ENGINEERING LAB	19	44	2
14BJ1A0528	RT32059	WEB TECHNOLOGIES LAB	19	40	2
14BJ1A0529	RT32051	SOFTWARE ENGINEERING	19	8	0
14BJ1A0529	RT32052	DATA WARE HOUSING AND MINING	20	0	0
14BJ1A0529	RT32053	COMPUTER NETWORKS	21	8	0
14BJ1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	0	0
14BJ1A0529	RT32055	WEB TECHNOLOGIES	15	2	0
14BJ1A0529	RT32056	IPR AND PATENTS	23	3	0
14BJ1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
14BJ1A0529	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14BJ1A0529	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0530	RT32051	SOFTWARE ENGINEERING	22	8	0
14BJ1A0530	RT32052	DATA WARE HOUSING AND MINING	21	37	3
14BJ1A0530	RT32053	COMPUTER NETWORKS	25	13	0
14BJ1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	32	3
14BJ1A0530	RT32055	WEB TECHNOLOGIES	15	12	0
14BJ1A0530	RT32056	IPR AND PATENTS	22	24	2
14BJ1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
14BJ1A0530	RT32058	SOFTWARE ENGINEERING LAB	18	40	2
14BJ1A0530	RT32059	WEB TECHNOLOGIES LAB	18	36	2
14BJ1A0531	RT32051	SOFTWARE ENGINEERING	19	27	3
14BJ1A0531	RT32052	DATA WARE HOUSING AND MINING	25	31	3
14BJ1A0531	RT32053	COMPUTER NETWORKS	26	36	3
14BJ1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	43	3
14BJ1A0531	RT32055	WEB TECHNOLOGIES	21	29	3
14BJ1A0531	RT32056	IPR AND PATENTS	23	34	2
14BJ1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	40	2
14BJ1A0531	RT32058	SOFTWARE ENGINEERING LAB	18	45	2
14BJ1A0531	RT32059	WEB TECHNOLOGIES LAB	18	36	2
14BJ1A0533	RT32051	SOFTWARE ENGINEERING	19	8	0
14BJ1A0533	RT32052	DATA WARE HOUSING AND MINING	11	4	0
14BJ1A0533	RT32053	COMPUTER NETWORKS	6	3	0
14BJ1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	0	0
14BJ1A0533	RT32055	WEB TECHNOLOGIES	11	0	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0533	RT32056	IPR AND PATENTS	17	0	0
14BJ1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	41	2
14BJ1A0533	RT32058	SOFTWARE ENGINEERING LAB	15	40	2
14BJ1A0533	RT32059	WEB TECHNOLOGIES LAB	15	35	2
14BJ1A0535	RT32051	SOFTWARE ENGINEERING	19	10	0
14BJ1A0535	RT32052	DATA WARE HOUSING AND MINING	21	0	0
14BJ1A0535	RT32053	COMPUTER NETWORKS	20	41	3
14BJ1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	30	3
14BJ1A0535	RT32055	WEB TECHNOLOGIES	20	12	0
14BJ1A0535	RT32056	IPR AND PATENTS	20	3	0
14BJ1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14BJ1A0535	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A0535	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14BJ1A0536	RT32051	SOFTWARE ENGINEERING	27	29	3
14BJ1A0536	RT32052	DATA WARE HOUSING AND MINING	28	33	3
14BJ1A0536	RT32053	COMPUTER NETWORKS	25	32	3
14BJ1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
14BJ1A0536	RT32055	WEB TECHNOLOGIES	27	25	3
14BJ1A0536	RT32056	IPR AND PATENTS	27	24	2
14BJ1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0536	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
14BJ1A0536	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14BJ1A0538	RT32051	SOFTWARE ENGINEERING	28	25	3
14BJ1A0538	RT32052	DATA WARE HOUSING AND MINING	29	29	3
14BJ1A0538	RT32053	COMPUTER NETWORKS	22	32	3
14BJ1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	50	3
14BJ1A0538	RT32055	WEB TECHNOLOGIES	25	11	0
14BJ1A0538	RT32056	IPR AND PATENTS	23	41	2
14BJ1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	44	2
14BJ1A0538	RT32058	SOFTWARE ENGINEERING LAB	15	43	2
14BJ1A0538	RT32059	WEB TECHNOLOGIES LAB	15	35	2
14BJ1A0540	RT32051	SOFTWARE ENGINEERING	24	26	3
14BJ1A0540	RT32052	DATA WARE HOUSING AND MINING	20	9	0
14BJ1A0540	RT32053	COMPUTER NETWORKS	22	16	0
14BJ1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14BJ1A0540	RT32055	WEB TECHNOLOGIES	19	27	3
14BJ1A0540	RT32056	IPR AND PATENTS	21	17	0
14BJ1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
14BJ1A0540	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ1A0540	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14BJ1A0542	RT32051	SOFTWARE ENGINEERING	26	34	3
14BJ1A0542	RT32052	DATA WARE HOUSING AND MINING	25	10	0
14BJ1A0542	RT32053	COMPUTER NETWORKS	23	55	3
14BJ1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
14BJ1A0542	RT32055	WEB TECHNOLOGIES	21	24	3
14BJ1A0542	RT32056	IPR AND PATENTS	26	28	2
14BJ1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
14BJ1A0542	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
14BJ1A0542	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0543	RT32051	SOFTWARE ENGINEERING	3	0	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0543	RT32052	DATA WARE HOUSING AND MINING	15	5	0
14BJ1A0543	RT32053	COMPUTER NETWORKS	5	3	0
14BJ1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	-1	0
14BJ1A0543	RT32055	WEB TECHNOLOGIES	4	-1	0
14BJ1A0543	RT32056	IPR AND PATENTS	0	-1	0
14BJ1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
14BJ1A0543	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
14BJ1A0543	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
14BJ1A0544	RT32051	SOFTWARE ENGINEERING	20	14	0
14BJ1A0544	RT32052	DATA WARE HOUSING AND MINING	19	5	0
14BJ1A0544	RT32053	COMPUTER NETWORKS	22	14	0
14BJ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	18	0
14BJ1A0544	RT32055	WEB TECHNOLOGIES	22	6	0
14BJ1A0544	RT32056	IPR AND PATENTS	20	19	0
14BJ1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	40	2
14BJ1A0544	RT32058	SOFTWARE ENGINEERING LAB	15	42	2
14BJ1A0544	RT32059	WEB TECHNOLOGIES LAB	15	35	2
14BJ1A0547	RT32051	SOFTWARE ENGINEERING	29	24	3
14BJ1A0547	RT32052	DATA WARE HOUSING AND MINING	27	24	3
14BJ1A0547	RT32053	COMPUTER NETWORKS	24	24	3
14BJ1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
14BJ1A0547	RT32055	WEB TECHNOLOGIES	26	29	3
14BJ1A0547	RT32056	IPR AND PATENTS	20	35	2
14BJ1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A0547	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A0547	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14BJ1A0548	RT32051	SOFTWARE ENGINEERING	19	8	0
14BJ1A0548	RT32052	DATA WARE HOUSING AND MINING	23	3	0
14BJ1A0548	RT32053	COMPUTER NETWORKS	14	46	3
14BJ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	5	0
14BJ1A0548	RT32055	WEB TECHNOLOGIES	17	10	0
14BJ1A0548	RT32056	IPR AND PATENTS	21	4	0
14BJ1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
14BJ1A0548	RT32058	SOFTWARE ENGINEERING LAB	24	42	2
14BJ1A0548	RT32059	WEB TECHNOLOGIES LAB	24	45	2
14BJ1A0550	RT32051	SOFTWARE ENGINEERING	18	13	0
14BJ1A0550	RT32052	DATA WARE HOUSING AND MINING	18	19	0
14BJ1A0550	RT32053	COMPUTER NETWORKS	23	10	0
14BJ1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	18	0
14BJ1A0550	RT32055	WEB TECHNOLOGIES	21	10	0
14BJ1A0550	RT32056	IPR AND PATENTS	22	14	0
14BJ1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	36	2
14BJ1A0550	RT32058	SOFTWARE ENGINEERING LAB	15	40	2
14BJ1A0550	RT32059	WEB TECHNOLOGIES LAB	15	30	2
14BJ1A0551	RT32051	SOFTWARE ENGINEERING	18	24	3
14BJ1A0551	RT32052	DATA WARE HOUSING AND MINING	19	9	0
14BJ1A0551	RT32053	COMPUTER NETWORKS	24	10	0
14BJ1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	5	0
14BJ1A0551	RT32055	WEB TECHNOLOGIES	22	2	0
14BJ1A0551	RT32056	IPR AND PATENTS	21	20	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	41	2
14BJ1A0551	RT32058	SOFTWARE ENGINEERING LAB	15	45	2
14BJ1A0551	RT32059	WEB TECHNOLOGIES LAB	15	38	2
14BJ1A0552	RT32051	SOFTWARE ENGINEERING	16	26	3
14BJ1A0552	RT32052	DATA WARE HOUSING AND MINING	15	0	0
14BJ1A0552	RT32053	COMPUTER NETWORKS	18	2	0
14BJ1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	2	0
14BJ1A0552	RT32055	WEB TECHNOLOGIES	9	3	0
14BJ1A0552	RT32056	IPR AND PATENTS	21	5	0
14BJ1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	42	2
14BJ1A0552	RT32058	SOFTWARE ENGINEERING LAB	18	44	2
14BJ1A0552	RT32059	WEB TECHNOLOGIES LAB	18	40	2
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14BJ1A0553	RT32052	DATA WARE HOUSING AND MINING	21	24	3
14BJ1A0553	RT32053	COMPUTER NETWORKS	25	42	3
14BJ1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
14BJ1A0553	RT32055	WEB TECHNOLOGIES	19	12	0
14BJ1A0553	RT32056	IPR AND PATENTS	21	28	2
14BJ1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
14BJ1A0553	RT32058	SOFTWARE ENGINEERING LAB	19	46	2
14BJ1A0553	RT32059	WEB TECHNOLOGIES LAB	19	40	2
14BJ1A0554	RT32051	SOFTWARE ENGINEERING	20	18	0
14BJ1A0554	RT32052	DATA WARE HOUSING AND MINING	26	25	3
14BJ1A0554	RT32053	COMPUTER NETWORKS	24	17	0
14BJ1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	19	0
14BJ1A0554	RT32055	WEB TECHNOLOGIES	16	4	0
14BJ1A0554	RT32056	IPR AND PATENTS	22	17	0
14BJ1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A0554	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14BJ1A0554	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14BJ1A0555	RT32051	SOFTWARE ENGINEERING	21	23	0
14BJ1A0555	RT32052	DATA WARE HOUSING AND MINING	18	0	0
14BJ1A0555	RT32053	COMPUTER NETWORKS	25	7	0
14BJ1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	15	0
14BJ1A0555	RT32055	WEB TECHNOLOGIES	15	0	0
14BJ1A0555	RT32056	IPR AND PATENTS	20	20	0
14BJ1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14BJ1A0555	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14BJ1A0555	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14BJ1A0556	RT32051	SOFTWARE ENGINEERING	23	25	3
14BJ1A0556	RT32052	DATA WARE HOUSING AND MINING	28	32	3
14BJ1A0556	RT32053	COMPUTER NETWORKS	24	34	3
14BJ1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
14BJ1A0556	RT32055	WEB TECHNOLOGIES	26	38	3
14BJ1A0556	RT32056	IPR AND PATENTS	24	31	2
14BJ1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14BJ1A0556	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14BJ1A0556	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0557	RT32051	SOFTWARE ENGINEERING	28	27	3
14BJ1A0557	RT32052	DATA WARE HOUSING AND MINING	24	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0557	RT32053	COMPUTER NETWORKS	24	53	3
14BJ1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	39	3
14BJ1A0557	RT32055	WEB TECHNOLOGIES	28	34	3
14BJ1A0557	RT32056	IPR AND PATENTS	20	29	2
14BJ1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A0557	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14BJ1A0557	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0560	RT32051	SOFTWARE ENGINEERING	28	36	3
14BJ1A0560	RT32052	DATA WARE HOUSING AND MINING	26	47	3
14BJ1A0560	RT32053	COMPUTER NETWORKS	26	34	3
14BJ1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	36	3
14BJ1A0560	RT32055	WEB TECHNOLOGIES	27	36	3
14BJ1A0560	RT32056	IPR AND PATENTS	23	29	2
14BJ1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
14BJ1A0560	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
14BJ1A0560	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0561	RT32051	SOFTWARE ENGINEERING	20	24	3
14BJ1A0561	RT32052	DATA WARE HOUSING AND MINING	22	24	3
14BJ1A0561	RT32053	COMPUTER NETWORKS	19	24	3
14BJ1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
14BJ1A0561	RT32055	WEB TECHNOLOGIES	19	8	0
14BJ1A0561	RT32056	IPR AND PATENTS	20	26	2
14BJ1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A0561	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14BJ1A0561	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14BJ1A0562	RT32051	SOFTWARE ENGINEERING	23	27	3
14BJ1A0562	RT32052	DATA WARE HOUSING AND MINING	29	17	0
14BJ1A0562	RT32053	COMPUTER NETWORKS	23	34	3
14BJ1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	35	3
14BJ1A0562	RT32055	WEB TECHNOLOGIES	22	10	0
14BJ1A0562	RT32056	IPR AND PATENTS	16	35	2
14BJ1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14BJ1A0562	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0562	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0563	RT32051	SOFTWARE ENGINEERING	26	31	3
14BJ1A0563	RT32052	DATA WARE HOUSING AND MINING	27	30	3
14BJ1A0563	RT32053	COMPUTER NETWORKS	24	52	3
14BJ1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	48	3
14BJ1A0563	RT32055	WEB TECHNOLOGIES	26	42	3
14BJ1A0563	RT32056	IPR AND PATENTS	25	31	2
14BJ1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14BJ1A0563	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ1A0563	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0564	RT32051	SOFTWARE ENGINEERING	21	12	0
14BJ1A0564	RT32052	DATA WARE HOUSING AND MINING	26	18	0
14BJ1A0564	RT32053	COMPUTER NETWORKS	24	28	3
14BJ1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	25	3
14BJ1A0564	RT32055	WEB TECHNOLOGIES	25	0	0
14BJ1A0564	RT32056	IPR AND PATENTS	21	15	0
14BJ1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0564	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
14BJ1A0564	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0565	RT32051	SOFTWARE ENGINEERING	20	36	3
14BJ1A0565	RT32052	DATA WARE HOUSING AND MINING	25	35	3
14BJ1A0565	RT32053	COMPUTER NETWORKS	24	39	3
14BJ1A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
14BJ1A0565	RT32055	WEB TECHNOLOGIES	24	24	3
14BJ1A0565	RT32056	IPR AND PATENTS	19	39	2
14BJ1A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
14BJ1A0565	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
14BJ1A0565	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0567	RT32051	SOFTWARE ENGINEERING	28	30	3
14BJ1A0567	RT32052	DATA WARE HOUSING AND MINING	26	46	3
14BJ1A0567	RT32053	COMPUTER NETWORKS	24	37	3
14BJ1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	45	3
14BJ1A0567	RT32055	WEB TECHNOLOGIES	28	41	3
14BJ1A0567	RT32056	IPR AND PATENTS	23	42	2
14BJ1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14BJ1A0567	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14BJ1A0567	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0568	RT32051	SOFTWARE ENGINEERING	25	26	3
14BJ1A0568	RT32052	DATA WARE HOUSING AND MINING	27	24	3
14BJ1A0568	RT32053	COMPUTER NETWORKS	25	52	3
14BJ1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	36	3
14BJ1A0568	RT32055	WEB TECHNOLOGIES	25	25	3
14BJ1A0568	RT32056	IPR AND PATENTS	22	30	2
14BJ1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0568	RT32058	SOFTWARE ENGINEERING LAB	23	50	2
14BJ1A0568	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14BJ1A0569	RT32051	SOFTWARE ENGINEERING	24	28	3
14BJ1A0569	RT32052	DATA WARE HOUSING AND MINING	26	40	3
14BJ1A0569	RT32053	COMPUTER NETWORKS	24	10	0
14BJ1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	31	3
14BJ1A0569	RT32055	WEB TECHNOLOGIES	25	11	0
14BJ1A0569	RT32056	IPR AND PATENTS	18	16	0
14BJ1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
14BJ1A0569	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
14BJ1A0569	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0570	RT32051	SOFTWARE ENGINEERING	21	35	3
14BJ1A0570	RT32052	DATA WARE HOUSING AND MINING	26	24	3
14BJ1A0570	RT32053	COMPUTER NETWORKS	22	30	3
14BJ1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	27	3
14BJ1A0570	RT32055	WEB TECHNOLOGIES	26	6	0
14BJ1A0570	RT32056	IPR AND PATENTS	20	26	2
14BJ1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A0570	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
14BJ1A0570	RT32059	WEB TECHNOLOGIES LAB	21	44	2
14BJ1A0572	RT32051	SOFTWARE ENGINEERING	24	27	3
14BJ1A0572	RT32052	DATA WARE HOUSING AND MINING	26	31	3
14BJ1A0572	RT32053	COMPUTER NETWORKS	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
14BJ1A0572	RT32055	WEB TECHNOLOGIES	24	29	3
14BJ1A0572	RT32056	IPR AND PATENTS	21	33	2
14BJ1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
14BJ1A0572	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
14BJ1A0572	RT32059	WEB TECHNOLOGIES LAB	20	41	2
14BJ1A0573	RT32051	SOFTWARE ENGINEERING	25	25	3
14BJ1A0573	RT32052	DATA WARE HOUSING AND MINING	23	5	0
14BJ1A0573	RT32053	COMPUTER NETWORKS	22	44	3
14BJ1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	15	0
14BJ1A0573	RT32055	WEB TECHNOLOGIES	22	12	0
14BJ1A0573	RT32056	IPR AND PATENTS	20	28	2
14BJ1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
14BJ1A0573	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
14BJ1A0573	RT32059	WEB TECHNOLOGIES LAB	20	41	2
14BJ1A0575	RT32051	SOFTWARE ENGINEERING	26	33	3
14BJ1A0575	RT32052	DATA WARE HOUSING AND MINING	25	42	3
14BJ1A0575	RT32053	COMPUTER NETWORKS	24	24	3
14BJ1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	44	3
14BJ1A0575	RT32055	WEB TECHNOLOGIES	25	17	0
14BJ1A0575	RT32056	IPR AND PATENTS	20	24	2
14BJ1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A0575	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A0575	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A0576	RT32051	SOFTWARE ENGINEERING	25	33	3
14BJ1A0576	RT32052	DATA WARE HOUSING AND MINING	22	33	3
14BJ1A0576	RT32053	COMPUTER NETWORKS	22	28	3
14BJ1A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
14BJ1A0576	RT32055	WEB TECHNOLOGIES	23	24	3
14BJ1A0576	RT32056	IPR AND PATENTS	22	34	2
14BJ1A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	41	2
14BJ1A0576	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
14BJ1A0576	RT32059	WEB TECHNOLOGIES LAB	20	43	2
14BJ1A0577	RT32051	SOFTWARE ENGINEERING	29	28	3
14BJ1A0577	RT32052	DATA WARE HOUSING AND MINING	27	30	3
14BJ1A0577	RT32053	COMPUTER NETWORKS	28	35	3
14BJ1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	52	3
14BJ1A0577	RT32055	WEB TECHNOLOGIES	27	38	3
14BJ1A0577	RT32056	IPR AND PATENTS	24	47	2
14BJ1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14BJ1A0577	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
14BJ1A0577	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0578	RT32051	SOFTWARE ENGINEERING	3	37	3
14BJ1A0578	RT32052	DATA WARE HOUSING AND MINING	20	15	0
14BJ1A0578	RT32053	COMPUTER NETWORKS	22	53	3
14BJ1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	30	0
14BJ1A0578	RT32055	WEB TECHNOLOGIES	4	13	0
14BJ1A0578	RT32056	IPR AND PATENTS	22	24	2
14BJ1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
14BJ1A0578	RT32058	SOFTWARE ENGINEERING LAB	21	45	2



Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0578	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0579	RT32051	SOFTWARE ENGINEERING	29	38	3
14BJ1A0579	RT32052	DATA WARE HOUSING AND MINING	28	46	3
14BJ1A0579	RT32053	COMPUTER NETWORKS	28	44	3
14BJ1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
14BJ1A0579	RT32055	WEB TECHNOLOGIES	25	37	3
14BJ1A0579	RT32056	IPR AND PATENTS	25	27	2
14BJ1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14BJ1A0579	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
14BJ1A0579	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0580	RT32051	SOFTWARE ENGINEERING	26	34	3
14BJ1A0580	RT32052	DATA WARE HOUSING AND MINING	27	39	3
14BJ1A0580	RT32053	COMPUTER NETWORKS	22	32	3
14BJ1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
14BJ1A0580	RT32055	WEB TECHNOLOGIES	24	12	0
14BJ1A0580	RT32056	IPR AND PATENTS	23	39	2
14BJ1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
14BJ1A0580	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
14BJ1A0580	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14BJ1A0581	RT32051	SOFTWARE ENGINEERING	26	26	3
14BJ1A0581	RT32052	DATA WARE HOUSING AND MINING	28	27	3
14BJ1A0581	RT32053	COMPUTER NETWORKS	25	24	3
14BJ1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	44	3
14BJ1A0581	RT32055	WEB TECHNOLOGIES	28	34	3
14BJ1A0581	RT32056	IPR AND PATENTS	23	48	2
14BJ1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14BJ1A0581	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14BJ1A0581	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0582	RT32051	SOFTWARE ENGINEERING	27	10	0
14BJ1A0582	RT32052	DATA WARE HOUSING AND MINING	23	11	0
14BJ1A0582	RT32053	COMPUTER NETWORKS	24	48	3
14BJ1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	29	3
14BJ1A0582	RT32055	WEB TECHNOLOGIES	25	15	0
14BJ1A0582	RT32056	IPR AND PATENTS	23	30	2
14BJ1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14BJ1A0582	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14BJ1A0582	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0583	RT32051	SOFTWARE ENGINEERING	22	8	0
14BJ1A0583	RT32052	DATA WARE HOUSING AND MINING	23	24	3
14BJ1A0583	RT32053	COMPUTER NETWORKS	22	24	3
14BJ1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	25	3
14BJ1A0583	RT32055	WEB TECHNOLOGIES	24	18	0
14BJ1A0583	RT32056	IPR AND PATENTS	19	17	0
14BJ1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14BJ1A0583	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
14BJ1A0583	RT32059	WEB TECHNOLOGIES LAB	23	45	2
14BJ1A0584	RT32051	SOFTWARE ENGINEERING	25	25	3
14BJ1A0584	RT32052	DATA WARE HOUSING AND MINING	27	32	3
14BJ1A0584	RT32053	COMPUTER NETWORKS	24	24	3
14BJ1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	25	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0584	RT32055	WEB TECHNOLOGIES	21	15	0
14BJ1A0584	RT32056	IPR AND PATENTS	21	30	2
14BJ1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A0584	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14BJ1A0584	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0585	RT32051	SOFTWARE ENGINEERING	20	25	3
14BJ1A0585	RT32052	DATA WARE HOUSING AND MINING	18	27	3
14BJ1A0585	RT32053	COMPUTER NETWORKS	19	17	0
14BJ1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	6	0
14BJ1A0585	RT32055	WEB TECHNOLOGIES	20	19	0
14BJ1A0585	RT32056	IPR AND PATENTS	17	5	0
14BJ1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
14BJ1A0585	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14BJ1A0585	RT32059	WEB TECHNOLOGIES LAB	24	46	2
14BJ1A0586	RT32051	SOFTWARE ENGINEERING	26	24	3
14BJ1A0586	RT32052	DATA WARE HOUSING AND MINING	25	16	0
14BJ1A0586	RT32053	COMPUTER NETWORKS	23	50	3
14BJ1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
14BJ1A0586	RT32055	WEB TECHNOLOGIES	25	26	3
14BJ1A0586	RT32056	IPR AND PATENTS	22	27	2
14BJ1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
14BJ1A0586	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
14BJ1A0586	RT32059	WEB TECHNOLOGIES LAB	25	50	2
14BJ1A0587	RT32051	SOFTWARE ENGINEERING	19	14	0
14BJ1A0587	RT32052	DATA WARE HOUSING AND MINING	20	0	0
14BJ1A0587	RT32053	COMPUTER NETWORKS	20	0	0
14BJ1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	10	0
14BJ1A0587	RT32055	WEB TECHNOLOGIES	27	0	0
14BJ1A0587	RT32056	IPR AND PATENTS	21	12	0
14BJ1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
14BJ1A0587	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
14BJ1A0587	RT32059	WEB TECHNOLOGIES LAB	20	45	2
14BJ1A0588	RT32051	SOFTWARE ENGINEERING	20	25	3
14BJ1A0588	RT32052	DATA WARE HOUSING AND MINING	21	26	3
14BJ1A0588	RT32053	COMPUTER NETWORKS	18	24	3
14BJ1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
14BJ1A0588	RT32055	WEB TECHNOLOGIES	21	4	0
14BJ1A0588	RT32056	IPR AND PATENTS	21	32	2
14BJ1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
14BJ1A0588	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
14BJ1A0588	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14BJ1A0589	RT32051	SOFTWARE ENGINEERING	24	12	0
14BJ1A0589	RT32052	DATA WARE HOUSING AND MINING	21	19	0
14BJ1A0589	RT32053	COMPUTER NETWORKS	23	24	3
14BJ1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	24	3
14BJ1A0589	RT32055	WEB TECHNOLOGIES	25	32	3
14BJ1A0589	RT32056	IPR AND PATENTS	21	29	2
14BJ1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14BJ1A0589	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
14BJ1A0589	RT32059	WEB TECHNOLOGIES LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0590	RT32051	SOFTWARE ENGINEERING	22	11	0
14BJ1A0590	RT32052	DATA WARE HOUSING AND MINING	19	11	0
14BJ1A0590	RT32053	COMPUTER NETWORKS	25	35	3
14BJ1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	6	0
14BJ1A0590	RT32055	WEB TECHNOLOGIES	17	24	3
14BJ1A0590	RT32056	IPR AND PATENTS	23	24	2
14BJ1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	46	2
14BJ1A0590	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
14BJ1A0590	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0591	RT32051	SOFTWARE ENGINEERING	21	12	0
14BJ1A0591	RT32052	DATA WARE HOUSING AND MINING	23	40	3
14BJ1A0591	RT32053	COMPUTER NETWORKS	20	28	3
14BJ1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	27	3
14BJ1A0591	RT32055	WEB TECHNOLOGIES	25	24	3
14BJ1A0591	RT32056	IPR AND PATENTS	21	14	0
14BJ1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14BJ1A0591	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14BJ1A0591	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A0592	RT32051	SOFTWARE ENGINEERING	22	32	3
14BJ1A0592	RT32052	DATA WARE HOUSING AND MINING	24	36	3
14BJ1A0592	RT32053	COMPUTER NETWORKS	24	36	3
14BJ1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	52	3
14BJ1A0592	RT32055	WEB TECHNOLOGIES	21	8	0
14BJ1A0592	RT32056	IPR AND PATENTS	21	30	2
14BJ1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2
14BJ1A0592	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
14BJ1A0592	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A0594	RT32051	SOFTWARE ENGINEERING	9	26	0
14BJ1A0594	RT32052	DATA WARE HOUSING AND MINING	18	5	0
14BJ1A0594	RT32053	COMPUTER NETWORKS	16	10	0
14BJ1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	9	0	0
14BJ1A0594	RT32055	WEB TECHNOLOGIES	17	12	0
14BJ1A0594	RT32056	IPR AND PATENTS	15	17	0
14BJ1A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
14BJ1A0594	RT32058	SOFTWARE ENGINEERING LAB	20	46	2
14BJ1A0594	RT32059	WEB TECHNOLOGIES LAB	20	43	2
14BJ1A0595	RT32051	SOFTWARE ENGINEERING	25	11	0
14BJ1A0595	RT32052	DATA WARE HOUSING AND MINING	23	4	0
14BJ1A0595	RT32053	COMPUTER NETWORKS	23	46	3
14BJ1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	24	3
14BJ1A0595	RT32055	WEB TECHNOLOGIES	20	10	0
14BJ1A0595	RT32056	IPR AND PATENTS	22	27	2
14BJ1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14BJ1A0595	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0595	RT32059	WEB TECHNOLOGIES LAB	22	46	2
14BJ1A0596	RT32051	SOFTWARE ENGINEERING	22	24	3
14BJ1A0596	RT32052	DATA WARE HOUSING AND MINING	25	37	3
14BJ1A0596	RT32053	COMPUTER NETWORKS	20	24	3
14BJ1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	26	3
14BJ1A0596	RT32055	WEB TECHNOLOGIES	22	13	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0596	RT32056	IPR AND PATENTS	19	25	2
14BJ1A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
14BJ1A0596	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A0596	RT32059	WEB TECHNOLOGIES LAB	22	43	2
14BJ1A0597	RT32051	SOFTWARE ENGINEERING	3	-1	0
14BJ1A0597	RT32052	DATA WARE HOUSING AND MINING	4	-1	0
14BJ1A0597	RT32053	COMPUTER NETWORKS	5	-1	0
14BJ1A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	-1	0
14BJ1A0597	RT32055	WEB TECHNOLOGIES	5	-1	0
14BJ1A0597	RT32056	IPR AND PATENTS	5	-1	0
14BJ1A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
14BJ1A0597	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
14BJ1A0597	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
14BJ1A0598	RT32051	SOFTWARE ENGINEERING	23	29	3
14BJ1A0598	RT32052	DATA WARE HOUSING AND MINING	24	27	3
14BJ1A0598	RT32053	COMPUTER NETWORKS	22	37	3
14BJ1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	34	3
14BJ1A0598	RT32055	WEB TECHNOLOGIES	22	36	3
14BJ1A0598	RT32056	IPR AND PATENTS	19	31	2
14BJ1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A0598	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14BJ1A0598	RT32059	WEB TECHNOLOGIES LAB	22	43	2
14BJ1A0599	RT32051	SOFTWARE ENGINEERING	20	13	0
14BJ1A0599	RT32052	DATA WARE HOUSING AND MINING	23	9	0
14BJ1A0599	RT32053	COMPUTER NETWORKS	19	52	3
14BJ1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
14BJ1A0599	RT32055	WEB TECHNOLOGIES	21	6	0
14BJ1A0599	RT32056	IPR AND PATENTS	20	27	2
14BJ1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
14BJ1A0599	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
14BJ1A0599	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14BJ1A05A1	RT32051	SOFTWARE ENGINEERING	11	-1	0
14BJ1A05A1	RT32052	DATA WARE HOUSING AND MINING	19	-1	0
14BJ1A05A1	RT32053	COMPUTER NETWORKS	16	-1	0
14BJ1A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	-1	0
14BJ1A05A1	RT32055	WEB TECHNOLOGIES	9	-1	0
14BJ1A05A1	RT32056	IPR AND PATENTS	11	-1	0
14BJ1A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
14BJ1A05A1	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
14BJ1A05A1	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
14BJ1A05A3	RT32051	SOFTWARE ENGINEERING	15	17	0
14BJ1A05A3	RT32052	DATA WARE HOUSING AND MINING	19	0	0
14BJ1A05A3	RT32053	COMPUTER NETWORKS	22	24	3
14BJ1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	7	0
14BJ1A05A3	RT32055	WEB TECHNOLOGIES	19	0	0
14BJ1A05A3	RT32056	IPR AND PATENTS	22	23	0
14BJ1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
14BJ1A05A3	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
14BJ1A05A3	RT32059	WEB TECHNOLOGIES LAB	21	43	2
14BJ1A05A6	RT32051	SOFTWARE ENGINEERING	13	14	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A05A6	RT32052	DATA WARE HOUSING AND MINING	18	4	0
14BJ1A05A6	RT32053	COMPUTER NETWORKS	15	20	0
14BJ1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	22	0
14BJ1A05A6	RT32055	WEB TECHNOLOGIES	15	20	0
14BJ1A05A6	RT32056	IPR AND PATENTS	18	18	0
14BJ1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A05A6	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14BJ1A05A6	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A05A8	RT32051	SOFTWARE ENGINEERING	23	12	0
14BJ1A05A8	RT32052	DATA WARE HOUSING AND MINING	22	3	0
14BJ1A05A8	RT32053	COMPUTER NETWORKS	17	54	3
14BJ1A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	29	3
14BJ1A05A8	RT32055	WEB TECHNOLOGIES	22	14	0
14BJ1A05A8	RT32056	IPR AND PATENTS	18	30	2
14BJ1A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14BJ1A05A8	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
14BJ1A05A8	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14BJ1A05A9	RT32051	SOFTWARE ENGINEERING	14	9	0
14BJ1A05A9	RT32052	DATA WARE HOUSING AND MINING	21	27	3
14BJ1A05A9	RT32053	COMPUTER NETWORKS	18	26	3
14BJ1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	28	3
14BJ1A05A9	RT32055	WEB TECHNOLOGIES	22	28	3
14BJ1A05A9	RT32056	IPR AND PATENTS	19	24	2
14BJ1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14BJ1A05A9	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A05A9	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A05B0	RT32051	SOFTWARE ENGINEERING	19	25	3
14BJ1A05B0	RT32052	DATA WARE HOUSING AND MINING	21	13	0
14BJ1A05B0	RT32053	COMPUTER NETWORKS	20	24	3
14BJ1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
14BJ1A05B0	RT32055	WEB TECHNOLOGIES	21	9	0
14BJ1A05B0	RT32056	IPR AND PATENTS	18	33	2
14BJ1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	45	2
14BJ1A05B0	RT32058	SOFTWARE ENGINEERING LAB	20	46	2
14BJ1A05B0	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14BJ1A05B1	RT32051	SOFTWARE ENGINEERING	24	25	3
14BJ1A05B1	RT32052	DATA WARE HOUSING AND MINING	20	5	0
14BJ1A05B1	RT32053	COMPUTER NETWORKS	19	24	3
14BJ1A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	10	0
14BJ1A05B1	RT32055	WEB TECHNOLOGIES	18	3	0
14BJ1A05B1	RT32056	IPR AND PATENTS	21	31	2
14BJ1A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
14BJ1A05B1	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
14BJ1A05B1	RT32059	WEB TECHNOLOGIES LAB	21	45	2
14BJ1A05B2	RT32051	SOFTWARE ENGINEERING	3	9	0
14BJ1A05B2	RT32052	DATA WARE HOUSING AND MINING	15	3	0
14BJ1A05B2	RT32053	COMPUTER NETWORKS	15	55	3
14BJ1A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	3	0
14BJ1A05B2	RT32055	WEB TECHNOLOGIES	12	0	0
14BJ1A05B2	RT32056	IPR AND PATENTS	22	27	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
14BJ1A05B2	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14BJ1A05B2	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A05B3	RT32051	SOFTWARE ENGINEERING	25	17	0
14BJ1A05B3	RT32052	DATA WARE HOUSING AND MINING	25	28	3
14BJ1A05B3	RT32053	COMPUTER NETWORKS	23	25	3
14BJ1A05B3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	27	3
14BJ1A05B3	RT32055	WEB TECHNOLOGIES	23	26	3
14BJ1A05B3	RT32056	IPR AND PATENTS	25	15	0
14BJ1A05B3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14BJ1A05B3	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14BJ1A05B3	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14BJ1A05B5	RT32051	SOFTWARE ENGINEERING	22	28	3
14BJ1A05B5	RT32052	DATA WARE HOUSING AND MINING	22	12	0
14BJ1A05B5	RT32053	COMPUTER NETWORKS	18	0	0
14BJ1A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
14BJ1A05B5	RT32055	WEB TECHNOLOGIES	23	9	0
14BJ1A05B5	RT32056	IPR AND PATENTS	21	25	2
14BJ1A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
14BJ1A05B5	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14BJ1A05B5	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14BJ1A05B6	RT32051	SOFTWARE ENGINEERING	4	-1	0
14BJ1A05B6	RT32052	DATA WARE HOUSING AND MINING	4	-1	0
14BJ1A05B6	RT32053	COMPUTER NETWORKS	5	-1	0
14BJ1A05B6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	-1	0
14BJ1A05B6	RT32055	WEB TECHNOLOGIES	5	-1	0
14BJ1A05B6	RT32056	IPR AND PATENTS	0	-1	0
14BJ1A05B6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
14BJ1A05B6	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
14BJ1A05B6	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
14BJ1A05B7	RT32051	SOFTWARE ENGINEERING	21	2	0
14BJ1A05B7	RT32052	DATA WARE HOUSING AND MINING	15	0	0
14BJ1A05B7	RT32053	COMPUTER NETWORKS	19	6	0
14BJ1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	0	0
14BJ1A05B7	RT32055	WEB TECHNOLOGIES	17	-1	0
14BJ1A05B7	RT32056	IPR AND PATENTS	18	8	0
14BJ1A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14BJ1A05B7	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
14BJ1A05B7	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14BJ1A05B8	RT32051	SOFTWARE ENGINEERING	3	-1	0
14BJ1A05B8	RT32052	DATA WARE HOUSING AND MINING	4	-1	0
14BJ1A05B8	RT32053	COMPUTER NETWORKS	5	-1	0
14BJ1A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	3	-1	0
14BJ1A05B8	RT32055	WEB TECHNOLOGIES	5	-1	0
14BJ1A05B8	RT32056	IPR AND PATENTS	0	-1	0
14BJ1A05B8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
14BJ1A05B8	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
14BJ1A05B8	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
14BJ1A05B9	RT32051	SOFTWARE ENGINEERING	22	30	3
14BJ1A05B9	RT32052	DATA WARE HOUSING AND MINING	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A05B9	RT32053	COMPUTER NETWORKS	20	24	3
14BJ1A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	24	3
14BJ1A05B9	RT32055	WEB TECHNOLOGIES	19	12	0
14BJ1A05B9	RT32056	IPR AND PATENTS	21	24	2
14BJ1A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14BJ1A05B9	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14BJ1A05B9	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14BJ1A05C0	RT32051	SOFTWARE ENGINEERING	22	19	0
14BJ1A05C0	RT32052	DATA WARE HOUSING AND MINING	27	7	0
14BJ1A05C0	RT32053	COMPUTER NETWORKS	24	14	0
14BJ1A05C0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
14BJ1A05C0	RT32055	WEB TECHNOLOGIES	23	20	0
14BJ1A05C0	RT32056	IPR AND PATENTS	24	28	2
14BJ1A05C0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
14BJ1A05C0	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14BJ1A05C0	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14BJ1A05C1	RT32051	SOFTWARE ENGINEERING	17	11	0
14BJ1A05C1	RT32052	DATA WARE HOUSING AND MINING	26	3	0
14BJ1A05C1	RT32053	COMPUTER NETWORKS	20	48	3
14BJ1A05C1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	5	0
14BJ1A05C1	RT32055	WEB TECHNOLOGIES	25	8	0
14BJ1A05C1	RT32056	IPR AND PATENTS	19	30	2
14BJ1A05C1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	47	2
14BJ1A05C1	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
14BJ1A05C1	RT32059	WEB TECHNOLOGIES LAB	22	47	2
14BJ1A05C2	RT32051	SOFTWARE ENGINEERING	15	9	0
14BJ1A05C2	RT32052	DATA WARE HOUSING AND MINING	22	25	3
14BJ1A05C2	RT32053	COMPUTER NETWORKS	20	9	0
14BJ1A05C2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	3	0
14BJ1A05C2	RT32055	WEB TECHNOLOGIES	21	0	0
14BJ1A05C2	RT32056	IPR AND PATENTS	24	15	0
14BJ1A05C2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
14BJ1A05C2	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
14BJ1A05C2	RT32059	WEB TECHNOLOGIES LAB	22	43	2
14BJ1A05C3	RT32051	SOFTWARE ENGINEERING	26	35	3
14BJ1A05C3	RT32052	DATA WARE HOUSING AND MINING	28	35	3
14BJ1A05C3	RT32053	COMPUTER NETWORKS	24	32	3
14BJ1A05C3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
14BJ1A05C3	RT32055	WEB TECHNOLOGIES	25	11	0
14BJ1A05C3	RT32056	IPR AND PATENTS	24	35	2
14BJ1A05C3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
14BJ1A05C3	RT32058	SOFTWARE ENGINEERING LAB	22	50	2
14BJ1A05C3	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14BJ1A05C4	RT32051	SOFTWARE ENGINEERING	27	37	3
14BJ1A05C4	RT32052	DATA WARE HOUSING AND MINING	29	32	3
14BJ1A05C4	RT32053	COMPUTER NETWORKS	28	42	3
14BJ1A05C4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	47	3
14BJ1A05C4	RT32055	WEB TECHNOLOGIES	25	31	3
14BJ1A05C4	RT32056	IPR AND PATENTS	21	47	2
14BJ1A05C4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A05C4	RT32058	SOFTWARE ENGINEERING LAB	23	50	2
14BJ1A05C4	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14BJ1A05C7	RT32051	SOFTWARE ENGINEERING	16	10	0
14BJ1A05C7	RT32052	DATA WARE HOUSING AND MINING	23	24	3
14BJ1A05C7	RT32053	COMPUTER NETWORKS	21	56	3
14BJ1A05C7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	47	3
14BJ1A05C7	RT32055	WEB TECHNOLOGIES	25	27	3
14BJ1A05C7	RT32056	IPR AND PATENTS	24	29	2
14BJ1A05C7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
14BJ1A05C7	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
14BJ1A05C7	RT32059	WEB TECHNOLOGIES LAB	23	45	2
14BJ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	-1	0
14BJ5A0204	RT32022	SWITCHGEAR AND PROTECTION	18	16	0
14BJ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	-1	0
14BJ5A0204	RT32024	POWER SYSTEM ANALYSIS	16	-1	0
14BJ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	15	-1	0
14BJ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	7	0
14BJ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	26	3
14BJ5A0208	RT32024	POWER SYSTEM ANALYSIS	19	24	3
14BJ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
14BJ5A0302	RT32035	HEAT TRANSFER	21	15	0
14BJ5A0309	RT32035	HEAT TRANSFER	22	19	0
14BJ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	24	44	3
14BJ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	21	0
14BJ5A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	20	0
14BJ5A0319	RT32031	OPERATIONS RESEARCH	13	45	3
14BJ5A0322	RT32031	OPERATIONS RESEARCH	13	20	0
14BJ5A0322	RT32033	DESIGN OF MACHINE MEMBERS II	10	14	0
14BJ5A0322	RT32035	HEAT TRANSFER	18	17	0
14BJ5A0323	RT32031	OPERATIONS RESEARCH	16	37	3
14BJ5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	4	0
14BJ5A0325	RT32035	HEAT TRANSFER	26	12	0
14BJ5A0326	RT32035	HEAT TRANSFER	22	18	0
14BJ5A0327	RT32031	OPERATIONS RESEARCH	11	29	3
14BJ5A0327	RT32034	ROBOTICS	17	24	3
14BJ5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	21	30	3
14BJ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	21	18	0
14BJ5A0404	RT32044	MICROWAVE ENGINEERING	19	40	3
14BJ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	11	0
14BJ5A0409	RT32044	MICROWAVE ENGINEERING	21	33	3
14BJ5A0410	RT32043	DIGITAL COMMUNICATIONS	11	-1	0
14BJ5A0410	RT32044	MICROWAVE ENGINEERING	11	-1	0
14BJ5A0410	RT32045A	BIO MEDICAL ENGINEERING	9	-1	0
14BJ5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	38	3
14BJ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	22	7	0
14BJ5A0413	RT32043	DIGITAL COMMUNICATIONS	23	0	0
14BJ5A0413	RT32044	MICROWAVE ENGINEERING	19	12	0
14BJ5A0413	RT32045A	BIO MEDICAL ENGINEERING	21	7	0
14BJ5A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	17	0
14BJ5A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	17	0



Htno	Subcode	Subname	Internal	External	Credits
14BJ5A0420	RT32044	MICROWAVE ENGINEERING	18	45	3
14BJ5A0425	RT32042	DIGITAL SIGNAL PROCESSING	23	17	0
14BJ5A0429	RT32044	MICROWAVE ENGINEERING	21	21	0
14BJ5A0505	RT32052	DATA WARE HOUSING AND MINING	19	35	3
14BJ5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	18	0
14BJ5A0508	RT32052	DATA WARE HOUSING AND MINING	23	25	3
14BJ5A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	0	0
14BJ5A0508	RT32055	WEB TECHNOLOGIES	19	5	0
14BJ5A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	-1	0
15BJ5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	23	50	3
15BJ5A0101	RT32012	GEOTECHNICAL ENGINEERING II	24	45	3
15BJ5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	36	3
15BJ5A0101	RT32014	WATER RESOURCES ENGINEERING I	24	50	3
15BJ5A0101	RT32015	TRANSPORTATION ENGINEERING II	26	24	3
15BJ5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	49	3
15BJ5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	61	2
15BJ5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
15BJ5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	25	57	3
15BJ5A0102	RT32012	GEOTECHNICAL ENGINEERING II	24	36	3
15BJ5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	36	3
15BJ5A0102	RT32014	WATER RESOURCES ENGINEERING I	28	54	3
15BJ5A0102	RT32015	TRANSPORTATION ENGINEERING II	27	37	3
15BJ5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	47	3
15BJ5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	61	2
15BJ5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
15BJ5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	25	35	3
15BJ5A0103	RT32012	GEOTECHNICAL ENGINEERING II	21	31	3
15BJ5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	25	3
15BJ5A0103	RT32014	WATER RESOURCES ENGINEERING I	21	32	3
15BJ5A0103	RT32015	TRANSPORTATION ENGINEERING II	23	35	3
15BJ5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	42	3
15BJ5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	63	2
15BJ5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	24	50	2
15BJ5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
15BJ5A0104	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
15BJ5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
15BJ5A0104	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
15BJ5A0104	RT32015	TRANSPORTATION ENGINEERING II	5	-1	0
15BJ5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	5	-1	0
15BJ5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
15BJ5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
15BJ5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0
15BJ5A0105	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
15BJ5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
15BJ5A0105	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
15BJ5A0105	RT32015	TRANSPORTATION ENGINEERING II	0	-1	0
15BJ5A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	-1	0
15BJ5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	-1	0
15BJ5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	11	-1	0
15BJ5A0106	RT32011	ENVIRONMENTAL ENGINEERING I	4	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0106	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
15BJ5A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
15BJ5A0106	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
15BJ5A0106	RT32015	TRANSPORTATION ENGINEERING II	0	-1	0
15BJ5A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	-1	0
15BJ5A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
15BJ5A0106	RT32018	TRANSPORTATION ENGINEERING LAB	11	-1	0
15BJ5A0107	RT32011	ENVIRONMENTAL ENGINEERING I	9	19	0
15BJ5A0107	RT32012	GEOTECHNICAL ENGINEERING II	14	20	0
15BJ5A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	33	3
15BJ5A0107	RT32014	WATER RESOURCES ENGINEERING I	14	31	3
15BJ5A0107	RT32015	TRANSPORTATION ENGINEERING II	22	13	0
15BJ5A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	24	3
15BJ5A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	46	2
15BJ5A0107	RT32018	TRANSPORTATION ENGINEERING LAB	11	41	2
15BJ5A0108	RT32011	ENVIRONMENTAL ENGINEERING I	24	14	0
15BJ5A0108	RT32012	GEOTECHNICAL ENGINEERING II	16	17	0
15BJ5A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	9	0
15BJ5A0108	RT32014	WATER RESOURCES ENGINEERING I	16	38	3
15BJ5A0108	RT32015	TRANSPORTATION ENGINEERING II	18	7	0
15BJ5A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	31	3
15BJ5A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	42	2
15BJ5A0108	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
15BJ5A0109	RT32011	ENVIRONMENTAL ENGINEERING I	18	37	3
15BJ5A0109	RT32012	GEOTECHNICAL ENGINEERING II	19	42	3
15BJ5A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	28	3
15BJ5A0109	RT32014	WATER RESOURCES ENGINEERING I	15	38	3
15BJ5A0109	RT32015	TRANSPORTATION ENGINEERING II	20	12	0
15BJ5A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	59	3
15BJ5A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	49	2
15BJ5A0109	RT32018	TRANSPORTATION ENGINEERING LAB	14	40	2
15BJ5A0111	RT32011	ENVIRONMENTAL ENGINEERING I	3	-1	0
15BJ5A0111	RT32012	GEOTECHNICAL ENGINEERING II	0	-1	0
15BJ5A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
15BJ5A0111	RT32014	WATER RESOURCES ENGINEERING I	0	-1	0
15BJ5A0111	RT32015	TRANSPORTATION ENGINEERING II	0	-1	0
15BJ5A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	4	-1	0
15BJ5A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	-1	0
15BJ5A0111	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
15BJ5A0112	RT32011	ENVIRONMENTAL ENGINEERING I	24	24	3
15BJ5A0112	RT32012	GEOTECHNICAL ENGINEERING II	20	34	3
15BJ5A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	24	3
15BJ5A0112	RT32014	WATER RESOURCES ENGINEERING I	23	46	3
15BJ5A0112	RT32015	TRANSPORTATION ENGINEERING II	17	35	3
15BJ5A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	46	3
15BJ5A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	65	2
15BJ5A0112	RT32018	TRANSPORTATION ENGINEERING LAB	20	41	2
15BJ5A0113	RT32011	ENVIRONMENTAL ENGINEERING I	18	8	0
15BJ5A0113	RT32012	GEOTECHNICAL ENGINEERING II	14	0	0
15BJ5A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0113	RT32014	WATER RESOURCES ENGINEERING I	19	0	0
15BJ5A0113	RT32015	TRANSPORTATION ENGINEERING II	13	0	0
15BJ5A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	-1	0
15BJ5A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	19	40	2
15BJ5A0113	RT32018	TRANSPORTATION ENGINEERING LAB	16	40	2
15BJ5A0114	RT32011	ENVIRONMENTAL ENGINEERING I	24	41	3
15BJ5A0114	RT32012	GEOTECHNICAL ENGINEERING II	23	43	3
15BJ5A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	37	3
15BJ5A0114	RT32014	WATER RESOURCES ENGINEERING I	19	39	3
15BJ5A0114	RT32015	TRANSPORTATION ENGINEERING II	28	12	0
15BJ5A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	47	3
15BJ5A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	50	2
15BJ5A0114	RT32018	TRANSPORTATION ENGINEERING LAB	19	46	2
15BJ5A0116	RT32011	ENVIRONMENTAL ENGINEERING I	24	67	3
15BJ5A0116	RT32012	GEOTECHNICAL ENGINEERING II	13	17	0
15BJ5A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	26	3
15BJ5A0116	RT32014	WATER RESOURCES ENGINEERING I	19	54	3
15BJ5A0116	RT32015	TRANSPORTATION ENGINEERING II	20	24	3
15BJ5A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	15	46	3
15BJ5A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	51	2
15BJ5A0116	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
15BJ5A0117	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
15BJ5A0117	RT32012	GEOTECHNICAL ENGINEERING II	5	-1	0
15BJ5A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	-1	0
15BJ5A0117	RT32014	WATER RESOURCES ENGINEERING I	3	-1	0
15BJ5A0117	RT32015	TRANSPORTATION ENGINEERING II	5	-1	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	RT32011	ENVIRONMENTAL ENGINEERING I	22	40	3
15BJ5A0118	RT32012	GEOTECHNICAL ENGINEERING II	14	26	3
15BJ5A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	9	0
15BJ5A0118	RT32014	WATER RESOURCES ENGINEERING I	20	37	3
15BJ5A0118	RT32015	TRANSPORTATION ENGINEERING II	20	10	0
15BJ5A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	13	31	3
15BJ5A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	18	58	2
15BJ5A0118	RT32018	TRANSPORTATION ENGINEERING LAB	14	40	2
15BJ5A0119	RT32011	ENVIRONMENTAL ENGINEERING I	21	24	3
15BJ5A0119	RT32012	GEOTECHNICAL ENGINEERING II	19	30	3
15BJ5A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	14	0
15BJ5A0119	RT32014	WATER RESOURCES ENGINEERING I	21	37	3
15BJ5A0119	RT32015	TRANSPORTATION ENGINEERING II	20	6	0
15BJ5A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	36	3
15BJ5A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	57	2
15BJ5A0119	RT32018	TRANSPORTATION ENGINEERING LAB	14	40	2
15BJ5A0120	RT32011	ENVIRONMENTAL ENGINEERING I	22	68	3
15BJ5A0120	RT32012	GEOTECHNICAL ENGINEERING II	19	24	3
15BJ5A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	31	3
15BJ5A0120	RT32014	WATER RESOURCES ENGINEERING I	25	50	3
15BJ5A0120	RT32015	TRANSPORTATION ENGINEERING II	23	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	48	3
15BJ5A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	66	2
15BJ5A0120	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
15BJ5A0121	RT32011	ENVIRONMENTAL ENGINEERING I	18	27	3
15BJ5A0121	RT32012	GEOTECHNICAL ENGINEERING II	15	14	0
15BJ5A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	0	0
15BJ5A0121	RT32014	WATER RESOURCES ENGINEERING I	13	9	0
15BJ5A0121	RT32015	TRANSPORTATION ENGINEERING II	19	10	0
15BJ5A0121	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	24	3
15BJ5A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	51	2
15BJ5A0121	RT32018	TRANSPORTATION ENGINEERING LAB	14	40	2
15BJ5A0122	RT32011	ENVIRONMENTAL ENGINEERING I	25	48	3
15BJ5A0122	RT32012	GEOTECHNICAL ENGINEERING II	21	28	3
15BJ5A0122	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	15	0
15BJ5A0122	RT32014	WATER RESOURCES ENGINEERING I	23	29	3
15BJ5A0122	RT32015	TRANSPORTATION ENGINEERING II	27	13	0
15BJ5A0122	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	31	3
15BJ5A0122	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	61	2
15BJ5A0122	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15BJ5A0123	RT32011	ENVIRONMENTAL ENGINEERING I	26	39	3
15BJ5A0123	RT32012	GEOTECHNICAL ENGINEERING II	18	34	3
15BJ5A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	40	3
15BJ5A0123	RT32014	WATER RESOURCES ENGINEERING I	25	29	3
15BJ5A0123	RT32015	TRANSPORTATION ENGINEERING II	27	11	0
15BJ5A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	56	3
15BJ5A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	60	2
15BJ5A0123	RT32018	TRANSPORTATION ENGINEERING LAB	15	40	2
15BJ5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	31	3
15BJ5A0201	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
15BJ5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	43	3
15BJ5A0201	RT32024	POWER SYSTEM ANALYSIS	29	34	3
15BJ5A0201	RT32025	MANAGEMENT SCIENCE	24	39	3
15BJ5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	39	3
15BJ5A0201	RT32027	POWER ELECTRONICS LAB	24	48	2
15BJ5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15BJ5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	24	3
15BJ5A0202	RT32022	SWITCHGEAR AND PROTECTION	30	56	3
15BJ5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	49	3
15BJ5A0202	RT32024	POWER SYSTEM ANALYSIS	30	29	3
15BJ5A0202	RT32025	MANAGEMENT SCIENCE	28	-1	0
15BJ5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	28	36	3
15BJ5A0202	RT32027	POWER ELECTRONICS LAB	24	48	2
15BJ5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	14	0
15BJ5A0203	RT32022	SWITCHGEAR AND PROTECTION	16	15	0
15BJ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	34	3
15BJ5A0203	RT32024	POWER SYSTEM ANALYSIS	24	12	0
15BJ5A0203	RT32025	MANAGEMENT SCIENCE	25	17	0
15BJ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	16	35	3
15BJ5A0203	RT32027	POWER ELECTRONICS LAB	15	38	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	16	38	2
15BJ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	31	3
15BJ5A0204	RT32022	SWITCHGEAR AND PROTECTION	26	40	3
15BJ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	14	0
15BJ5A0204	RT32024	POWER SYSTEM ANALYSIS	27	33	3
15BJ5A0204	RT32025	MANAGEMENT SCIENCE	25	28	3
15BJ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	27	26	3
15BJ5A0204	RT32027	POWER ELECTRONICS LAB	24	48	2
15BJ5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	29	55	3
15BJ5A0205	RT32022	SWITCHGEAR AND PROTECTION	27	41	3
15BJ5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	52	3
15BJ5A0205	RT32024	POWER SYSTEM ANALYSIS	28	50	3
15BJ5A0205	RT32025	MANAGEMENT SCIENCE	27	40	3
15BJ5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	29	47	3
15BJ5A0205	RT32027	POWER ELECTRONICS LAB	24	49	2
15BJ5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	3	0
15BJ5A0206	RT32022	SWITCHGEAR AND PROTECTION	13	6	0
15BJ5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	21	0
15BJ5A0206	RT32024	POWER SYSTEM ANALYSIS	17	3	0
15BJ5A0206	RT32025	MANAGEMENT SCIENCE	20	11	0
15BJ5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	14	7	0
15BJ5A0206	RT32027	POWER ELECTRONICS LAB	16	41	2
15BJ5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	20	42	2
15BJ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	24	3
15BJ5A0208	RT32022	SWITCHGEAR AND PROTECTION	22	25	3
15BJ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	36	3
15BJ5A0208	RT32024	POWER SYSTEM ANALYSIS	22	12	0
15BJ5A0208	RT32025	MANAGEMENT SCIENCE	28	25	3
15BJ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	21	47	3
15BJ5A0208	RT32027	POWER ELECTRONICS LAB	16	40	2
15BJ5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	20	46	2
15BJ5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	55	3
15BJ5A0209	RT32022	SWITCHGEAR AND PROTECTION	29	52	3
15BJ5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	47	3
15BJ5A0209	RT32024	POWER SYSTEM ANALYSIS	28	70	3
15BJ5A0209	RT32025	MANAGEMENT SCIENCE	30	38	3
15BJ5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	28	42	3
15BJ5A0209	RT32027	POWER ELECTRONICS LAB	25	49	2
15BJ5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15BJ5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	39	3
15BJ5A0211	RT32022	SWITCHGEAR AND PROTECTION	29	27	3
15BJ5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	51	3
15BJ5A0211	RT32024	POWER SYSTEM ANALYSIS	30	58	3
15BJ5A0211	RT32025	MANAGEMENT SCIENCE	28	39	3
15BJ5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	29	48	3
15BJ5A0211	RT32027	POWER ELECTRONICS LAB	25	48	2
15BJ5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15BJ5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	8	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0212	RT32022	SWITCHGEAR AND PROTECTION	20	15	0
15BJ5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	25	3
15BJ5A0212	RT32024	POWER SYSTEM ANALYSIS	22	28	3
15BJ5A0212	RT32025	MANAGEMENT SCIENCE	26	26	3
15BJ5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	24	13	0
15BJ5A0212	RT32027	POWER ELECTRONICS LAB	21	41	2
15BJ5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
15BJ5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	33	3
15BJ5A0213	RT32022	SWITCHGEAR AND PROTECTION	28	40	3
15BJ5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	30	51	3
15BJ5A0213	RT32024	POWER SYSTEM ANALYSIS	26	56	3
15BJ5A0213	RT32025	MANAGEMENT SCIENCE	26	31	3
15BJ5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	28	43	3
15BJ5A0213	RT32027	POWER ELECTRONICS LAB	23	48	2
15BJ5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	24	3
15BJ5A0214	RT32022	SWITCHGEAR AND PROTECTION	27	32	3
15BJ5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	18	0
15BJ5A0214	RT32024	POWER SYSTEM ANALYSIS	29	39	3
15BJ5A0214	RT32025	MANAGEMENT SCIENCE	25	24	3
15BJ5A0214	RT32026	POWER SEMICONDUCTOR DRIVES	26	27	3
15BJ5A0214	RT32027	POWER ELECTRONICS LAB	24	48	2
15BJ5A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	30	3
15BJ5A0215	RT32022	SWITCHGEAR AND PROTECTION	27	29	3
15BJ5A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	40	3
15BJ5A0215	RT32024	POWER SYSTEM ANALYSIS	30	16	0
15BJ5A0215	RT32025	MANAGEMENT SCIENCE	26	40	3
15BJ5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	28	56	3
15BJ5A0215	RT32027	POWER ELECTRONICS LAB	24	48	2
15BJ5A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15BJ5A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	3	0
15BJ5A0216	RT32022	SWITCHGEAR AND PROTECTION	18	4	0
15BJ5A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	9	0
15BJ5A0216	RT32024	POWER SYSTEM ANALYSIS	22	19	0
15BJ5A0216	RT32025	MANAGEMENT SCIENCE	21	24	3
15BJ5A0216	RT32026	POWER SEMICONDUCTOR DRIVES	23	25	3
15BJ5A0216	RT32027	POWER ELECTRONICS LAB	16	41	2
15BJ5A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
15BJ5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	3	0
15BJ5A0217	RT32022	SWITCHGEAR AND PROTECTION	21	3	0
15BJ5A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	29	3
15BJ5A0217	RT32024	POWER SYSTEM ANALYSIS	26	12	0
15BJ5A0217	RT32025	MANAGEMENT SCIENCE	22	24	3
15BJ5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	16	-1	0
15BJ5A0217	RT32027	POWER ELECTRONICS LAB	15	41	2
15BJ5A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	18	40	2
15BJ5A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	32	3
15BJ5A0219	RT32022	SWITCHGEAR AND PROTECTION	21	44	3
15BJ5A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0219	RT32024	POWER SYSTEM ANALYSIS	29	33	3
15BJ5A0219	RT32025	MANAGEMENT SCIENCE	27	42	3
15BJ5A0219	RT32026	POWER SEMICONDUCTOR DRIVES	16	30	3
15BJ5A0219	RT32027	POWER ELECTRONICS LAB	23	47	2
15BJ5A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15BJ5A0301	RT32031	OPERATIONS RESEARCH	26	47	3
15BJ5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	48	3
15BJ5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	25	36	3
15BJ5A0301	RT32034	ROBOTICS	27	15	0
15BJ5A0301	RT32035	HEAT TRANSFER	25	30	3
15BJ5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	26	3
15BJ5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	25	29	3
15BJ5A0301	RT32038	HEAT TRANSFER LAB	21	45	2
15BJ5A0302	RT32031	OPERATIONS RESEARCH	14	0	0
15BJ5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	2	0
15BJ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	19	14	0
15BJ5A0302	RT32034	ROBOTICS	25	25	3
15BJ5A0302	RT32035	HEAT TRANSFER	22	8	0
15BJ5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	29	3
15BJ5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
15BJ5A0302	RT32038	HEAT TRANSFER LAB	20	36	2
15BJ5A0303	RT32031	OPERATIONS RESEARCH	26	45	3
15BJ5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	32	3
15BJ5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	26	44	3
15BJ5A0303	RT32034	ROBOTICS	29	65	3
15BJ5A0303	RT32035	HEAT TRANSFER	28	31	3
15BJ5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	30	3
15BJ5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	27	29	3
15BJ5A0303	RT32038	HEAT TRANSFER LAB	24	45	2
15BJ5A0304	RT32031	OPERATIONS RESEARCH	26	26	3
15BJ5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	30	3
15BJ5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	19	7	0
15BJ5A0304	RT32034	ROBOTICS	27	42	3
15BJ5A0304	RT32035	HEAT TRANSFER	24	31	3
15BJ5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	28	3
15BJ5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	19	7	0
15BJ5A0304	RT32038	HEAT TRANSFER LAB	23	36	2
15BJ5A0305	RT32031	OPERATIONS RESEARCH	22	34	3
15BJ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	39	3
15BJ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	19	15	0
15BJ5A0305	RT32034	ROBOTICS	27	13	0
15BJ5A0305	RT32035	HEAT TRANSFER	19	24	3
15BJ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	31	3
15BJ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	23	26	3
15BJ5A0305	RT32038	HEAT TRANSFER LAB	21	34	2
15BJ5A0306	RT32031	OPERATIONS RESEARCH	13	16	0
15BJ5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	6	0
15BJ5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	12	8	0
15BJ5A0306	RT32034	ROBOTICS	0	27	0
15BJ5A0306	RT32035	HEAT TRANSFER	22	13	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	33	3
15BJ5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	20	14	0
15BJ5A0306	RT32038	HEAT TRANSFER LAB	12	34	2
15BJ5A0307	RT32031	OPERATIONS RESEARCH	23	31	3
15BJ5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	24	3
15BJ5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	15	28	3
15BJ5A0307	RT32034	ROBOTICS	27	30	3
15BJ5A0307	RT32035	HEAT TRANSFER	25	10	0
15BJ5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	20	0
15BJ5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
15BJ5A0307	RT32038	HEAT TRANSFER LAB	21	35	2
15BJ5A0308	RT32031	OPERATIONS RESEARCH	21	25	3
15BJ5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	19	0
15BJ5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	20	13	0
15BJ5A0308	RT32034	ROBOTICS	21	47	3
15BJ5A0308	RT32035	HEAT TRANSFER	26	24	3
15BJ5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	35	3
15BJ5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	23	31	3
15BJ5A0308	RT32038	HEAT TRANSFER LAB	20	35	2
15BJ5A0309	RT32031	OPERATIONS RESEARCH	22	26	3
15BJ5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	38	3
15BJ5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	17	25	3
15BJ5A0309	RT32034	ROBOTICS	25	15	0
15BJ5A0309	RT32035	HEAT TRANSFER	24	0	0
15BJ5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	33	3
15BJ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	22	34	3
15BJ5A0309	RT32038	HEAT TRANSFER LAB	22	37	2
15BJ5A0312	RT32031	OPERATIONS RESEARCH	18	24	3
15BJ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	17	0
15BJ5A0312	RT32033	DESIGN OF MACHINE MEMBERS II	15	31	3
15BJ5A0312	RT32034	ROBOTICS	21	31	3
15BJ5A0312	RT32035	HEAT TRANSFER	22	7	0
15BJ5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	43	3
15BJ5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	21	31	3
15BJ5A0312	RT32038	HEAT TRANSFER LAB	21	28	2
15BJ5A0313	RT32031	OPERATIONS RESEARCH	26	50	3
15BJ5A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	33	3
15BJ5A0313	RT32033	DESIGN OF MACHINE MEMBERS II	22	37	3
15BJ5A0313	RT32034	ROBOTICS	26	34	3
15BJ5A0313	RT32035	HEAT TRANSFER	22	39	3
15BJ5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	31	3
15BJ5A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
15BJ5A0313	RT32038	HEAT TRANSFER LAB	21	34	2
15BJ5A0315	RT32031	OPERATIONS RESEARCH	19	34	3
15BJ5A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
15BJ5A0315	RT32033	DESIGN OF MACHINE MEMBERS II	21	26	3
15BJ5A0315	RT32034	ROBOTICS	26	38	3
15BJ5A0315	RT32035	HEAT TRANSFER	23	24	3
15BJ5A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	17	0
15BJ5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3



Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0315	RT32038	HEAT TRANSFER LAB	24	37	2
15BJ5A0318	RT32031	OPERATIONS RESEARCH	25	46	3
15BJ5A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	51	3
15BJ5A0318	RT32033	DESIGN OF MACHINE MEMBERS II	25	42	3
15BJ5A0318	RT32034	ROBOTICS	27	24	3
15BJ5A0318	RT32035	HEAT TRANSFER	23	32	3
15BJ5A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	40	3
15BJ5A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	23	29	3
15BJ5A0318	RT32038	HEAT TRANSFER LAB	24	44	2
15BJ5A0319	RT32031	OPERATIONS RESEARCH	18	24	3
15BJ5A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	18	0
15BJ5A0319	RT32033	DESIGN OF MACHINE MEMBERS II	23	28	3
15BJ5A0319	RT32034	ROBOTICS	23	37	3
15BJ5A0319	RT32035	HEAT TRANSFER	15	25	3
15BJ5A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	39	3
15BJ5A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	21	8	0
15BJ5A0319	RT32038	HEAT TRANSFER LAB	24	37	2
15BJ5A0321	RT32031	OPERATIONS RESEARCH	27	47	3
15BJ5A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	32	3
15BJ5A0321	RT32033	DESIGN OF MACHINE MEMBERS II	20	30	3
15BJ5A0321	RT32034	ROBOTICS	27	31	3
15BJ5A0321	RT32035	HEAT TRANSFER	20	8	0
15BJ5A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	25	3
15BJ5A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
15BJ5A0321	RT32038	HEAT TRANSFER LAB	23	44	2
15BJ5A0324	RT32031	OPERATIONS RESEARCH	20	28	3
15BJ5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	31	3
15BJ5A0324	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15BJ5A0324	RT32034	ROBOTICS	29	-1	0
15BJ5A0324	RT32035	HEAT TRANSFER	22	43	3
15BJ5A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	34	3
15BJ5A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	21	27	3
15BJ5A0324	RT32038	HEAT TRANSFER LAB	24	42	2
15BJ5A0325	RT32031	OPERATIONS RESEARCH	23	47	3
15BJ5A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	50	3
15BJ5A0325	RT32033	DESIGN OF MACHINE MEMBERS II	17	15	0
15BJ5A0325	RT32034	ROBOTICS	25	24	3
15BJ5A0325	RT32035	HEAT TRANSFER	23	24	3
15BJ5A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	32	3
15BJ5A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	21	33	3
15BJ5A0325	RT32038	HEAT TRANSFER LAB	22	42	2
15BJ5A0326	RT32031	OPERATIONS RESEARCH	25	46	3
15BJ5A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
15BJ5A0326	RT32033	DESIGN OF MACHINE MEMBERS II	18	53	3
15BJ5A0326	RT32034	ROBOTICS	29	53	3
15BJ5A0326	RT32035	HEAT TRANSFER	20	26	3
15BJ5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	53	3
15BJ5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	24	47	3
15BJ5A0326	RT32038	HEAT TRANSFER LAB	22	40	2
15BJ5A0327	RT32031	OPERATIONS RESEARCH	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	24	3
15BJ5A0327	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
15BJ5A0327	RT32034	ROBOTICS	26	38	3
15BJ5A0327	RT32035	HEAT TRANSFER	19	24	3
15BJ5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	30	3
15BJ5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	23	40	3
15BJ5A0327	RT32038	HEAT TRANSFER LAB	21	39	2
15BJ5A0328	RT32031	OPERATIONS RESEARCH	22	31	3
15BJ5A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	32	3
15BJ5A0328	RT32033	DESIGN OF MACHINE MEMBERS II	19	32	3
15BJ5A0328	RT32034	ROBOTICS	27	36	3
15BJ5A0328	RT32035	HEAT TRANSFER	21	24	3
15BJ5A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	37	3
15BJ5A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	25	2	0
15BJ5A0328	RT32038	HEAT TRANSFER LAB	22	41	2
15BJ5A0329	RT32031	OPERATIONS RESEARCH	18	36	3
15BJ5A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	30	3
15BJ5A0329	RT32033	DESIGN OF MACHINE MEMBERS II	16	32	3
15BJ5A0329	RT32034	ROBOTICS	27	6	0
15BJ5A0329	RT32035	HEAT TRANSFER	16	14	0
15BJ5A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	14	0
15BJ5A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
15BJ5A0329	RT32038	HEAT TRANSFER LAB	23	42	2
15BJ5A0330	RT32031	OPERATIONS RESEARCH	21	34	3
15BJ5A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
15BJ5A0330	RT32033	DESIGN OF MACHINE MEMBERS II	23	34	3
15BJ5A0330	RT32034	ROBOTICS	25	30	3
15BJ5A0330	RT32035	HEAT TRANSFER	24	12	0
15BJ5A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	45	3
15BJ5A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	21	30	3
15BJ5A0330	RT32038	HEAT TRANSFER LAB	22	43	2
15BJ5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	55	3
15BJ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15BJ5A0402	RT32043	DIGITAL COMMUNICATIONS	29	58	3
15BJ5A0402	RT32044	MICROWAVE ENGINEERING	27	34	3
15BJ5A0402	RT32045A	BIO MEDICAL ENGINEERING	25	60	3
15BJ5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BJ5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15BJ5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BJ5A0402	RT32049	SEMINAR	50	0	1
15BJ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	34	3
15BJ5A0403	RT32042	DIGITAL SIGNAL PROCESSING	25	24	3
15BJ5A0403	RT32043	DIGITAL COMMUNICATIONS	22	13	0
15BJ5A0403	RT32044	MICROWAVE ENGINEERING	25	50	3
15BJ5A0403	RT32045A	BIO MEDICAL ENGINEERING	24	30	3
15BJ5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15BJ5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15BJ5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15BJ5A0403	RT32049	SEMINAR	49	0	1
15BJ5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	18	5	0
15BJ5A0405	RT32043	DIGITAL COMMUNICATIONS	24	5	0
15BJ5A0405	RT32044	MICROWAVE ENGINEERING	15	31	3
15BJ5A0405	RT32045A	BIO MEDICAL ENGINEERING	20	12	0
15BJ5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15BJ5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15BJ5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15BJ5A0405	RT32049	SEMINAR	47	0	1
15BJ5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	16	0
15BJ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	18	38	3
15BJ5A0408	RT32043	DIGITAL COMMUNICATIONS	26	10	0
15BJ5A0408	RT32044	MICROWAVE ENGINEERING	23	24	3
15BJ5A0408	RT32045A	BIO MEDICAL ENGINEERING	20	30	3
15BJ5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15BJ5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15BJ5A0408	RT32049	SEMINAR	47	0	1
15BJ5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	32	3
15BJ5A0410	RT32042	DIGITAL SIGNAL PROCESSING	22	15	0
15BJ5A0410	RT32043	DIGITAL COMMUNICATIONS	27	34	3
15BJ5A0410	RT32044	MICROWAVE ENGINEERING	16	31	3
15BJ5A0410	RT32045A	BIO MEDICAL ENGINEERING	19	38	3
15BJ5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15BJ5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15BJ5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	50	2
15BJ5A0410	RT32049	SEMINAR	48	0	1
15BJ5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
15BJ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	21	4	0
15BJ5A0412	RT32043	DIGITAL COMMUNICATIONS	28	35	3
15BJ5A0412	RT32044	MICROWAVE ENGINEERING	15	17	0
15BJ5A0412	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15BJ5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15BJ5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15BJ5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15BJ5A0412	RT32049	SEMINAR	45	0	1
15BJ5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	17	0
15BJ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	19	4	0
15BJ5A0413	RT32043	DIGITAL COMMUNICATIONS	23	10	0
15BJ5A0413	RT32044	MICROWAVE ENGINEERING	15	30	3
15BJ5A0413	RT32045A	BIO MEDICAL ENGINEERING	18	0	0
15BJ5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15BJ5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
15BJ5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15BJ5A0413	RT32049	SEMINAR	45	0	1
15BJ5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	16	0
15BJ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	17	16	0
15BJ5A0416	RT32043	DIGITAL COMMUNICATIONS	20	27	3
15BJ5A0416	RT32044	MICROWAVE ENGINEERING	16	24	3
15BJ5A0416	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
15BJ5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BJ5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15BJ5A0416	RT32049	SEMINAR	45	0	1
15BJ5A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	8	0
15BJ5A0417	RT32042	DIGITAL SIGNAL PROCESSING	23	6	0
15BJ5A0417	RT32043	DIGITAL COMMUNICATIONS	25	42	3
15BJ5A0417	RT32044	MICROWAVE ENGINEERING	17	26	3
15BJ5A0417	RT32045A	BIO MEDICAL ENGINEERING	18	12	0
15BJ5A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15BJ5A0417	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15BJ5A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	44	2
15BJ5A0417	RT32049	SEMINAR	47	0	1
15BJ5A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	12	0
15BJ5A0418	RT32042	DIGITAL SIGNAL PROCESSING	26	24	3
15BJ5A0418	RT32043	DIGITAL COMMUNICATIONS	22	0	0
15BJ5A0418	RT32044	MICROWAVE ENGINEERING	16	35	3
15BJ5A0418	RT32045A	BIO MEDICAL ENGINEERING	22	27	3
15BJ5A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15BJ5A0418	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15BJ5A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15BJ5A0418	RT32049	SEMINAR	45	0	1
15BJ5A0501	RT32051	SOFTWARE ENGINEERING	25	27	3
15BJ5A0501	RT32052	DATA WARE HOUSING AND MINING	25	9	0
15BJ5A0501	RT32053	COMPUTER NETWORKS	21	28	3
15BJ5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	25	3
15BJ5A0501	RT32055	WEB TECHNOLOGIES	20	27	3
15BJ5A0501	RT32056	IPR AND PATENTS	18	33	2
15BJ5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15BJ5A0501	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15BJ5A0501	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15BJ5A0502	RT32051	SOFTWARE ENGINEERING	27	25	3
15BJ5A0502	RT32052	DATA WARE HOUSING AND MINING	27	45	3
15BJ5A0502	RT32053	COMPUTER NETWORKS	23	34	3
15BJ5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	39	3
15BJ5A0502	RT32055	WEB TECHNOLOGIES	25	47	3
15BJ5A0502	RT32056	IPR AND PATENTS	21	35	2
15BJ5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15BJ5A0502	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15BJ5A0502	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15BJ5A0503	RT32051	SOFTWARE ENGINEERING	26	24	3
15BJ5A0503	RT32052	DATA WARE HOUSING AND MINING	28	29	3
15BJ5A0503	RT32053	COMPUTER NETWORKS	21	53	3
15BJ5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	29	3
15BJ5A0503	RT32055	WEB TECHNOLOGIES	22	24	3
15BJ5A0503	RT32056	IPR AND PATENTS	20	26	2
15BJ5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15BJ5A0503	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15BJ5A0503	RT32059	WEB TECHNOLOGIES LAB	22	44	2
15BJ5A0505	RT32051	SOFTWARE ENGINEERING	23	18	0
15BJ5A0505	RT32052	DATA WARE HOUSING AND MINING	26	13	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0505	RT32053	COMPUTER NETWORKS	21	29	3
15BJ5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	27	3
15BJ5A0505	RT32055	WEB TECHNOLOGIES	21	10	0
15BJ5A0505	RT32056	IPR AND PATENTS	21	24	2
15BJ5A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15BJ5A0505	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15BJ5A0505	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15BJ5A0506	RT32051	SOFTWARE ENGINEERING	29	27	3
15BJ5A0506	RT32052	DATA WARE HOUSING AND MINING	26	9	0
15BJ5A0506	RT32053	COMPUTER NETWORKS	26	35	3
15BJ5A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15BJ5A0506	RT32055	WEB TECHNOLOGIES	24	27	3
15BJ5A0506	RT32056	IPR AND PATENTS	21	32	2
15BJ5A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15BJ5A0506	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15BJ5A0506	RT32059	WEB TECHNOLOGIES LAB	25	50	2

**\*\*Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through ONLINE only on or before 19-06-2017.

**\*\* Note:\*\***

- \* -1 in the filed of externals indicates student absent for the respective subject.
- \* -2 in the filed of externals indicates student Withheld for the respective subject.
- \* -3 in the filed of externals indicates student Malpractice for the respective subject.

*N. Mohan Rao*

Date:08-06-2017

Controller of Examinations