



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: RAJAMAHENDRI INST OF ENGG & TECH, BHUPALAPATNAM, RAJAHMUNDR:MD

Htno	Subcode	Subname	Internal	External	Credits
10MD1A0219	R32024	MICROPROCESSORS AND MICROCONTROLLER	11	28	0
10MD1A05A2	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	9	38	4
10MD1A05A2	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	4	31	0
11MD1A0210	R32021	ELECTRICAL MACHINE DESIGN	14	26	4
11MD1A0210	R32022	POWER SYSTEM ANALYSIS	17	0	0
11MD1A0210	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	26	4
11MD1A0210	R32025	POWER SEMICONDUCTOR DRIVES	19	30	4
12MD1A04B5	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	30	4
12MD1A0536	R32054	UNIX PROGRAMMING	16	32	4
12MD5A0306	R32031	METROLOGY	12	15	0
12MD5A0306	R32032	ROBOTICS	12	-1	0
12MD5A0306	R32033	HEAT TRANSFER	12	-1	0
12MD5A0306	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	-1	0
12MD5A0306	R32035	DESIGN OF MACHINE MEMBERS_II	9	7	0
12MD5A0306	R32036	INDUSTRIAL ENGG. & MANAGEMENT	10	27	0
13MD1A0202	RT32022	SWITCHGEAR AND PROTECTION	16	46	3
13MD1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	20	25	3
13MD1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	12	0
13MD1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	18	12	0
13MD1A0335	RT32035	HEAT TRANSFER	20	9	0
13MD1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	9	8	0
13MD1A0401	RT32042	DIGITAL SIGNAL PROCESSING	19	5	0
13MD1A0401	RT32044	MICROWAVE ENGINEERING	10	10	0
13MD1A0401	RT32045A	BIO MEDICAL ENGINEERING	14	20	0
13MD1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	40	2
13MD1A0451	RT32044	MICROWAVE ENGINEERING	18	9	0
13MD1A0507	RT32055	WEB TECHNOLOGIES	18	39	3
13MD1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	27	3
13MD1A0539	RT32055	WEB TECHNOLOGIES	16	31	3
13MD1A0539	RT32056	IPR AND PATENTS	22	-1	0
13MD5A0207	R32022	POWER SYSTEM ANALYSIS	19	-1	0
13MD5A0207	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	-1	0
14MD1A0214	RT32024	POWER SYSTEM ANALYSIS	18	10	0
14MD1A0228	RT32022	SWITCHGEAR AND PROTECTION	18	7	0
14MD1A0253	RT32024	POWER SYSTEM ANALYSIS	16	6	0
14MD1A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	19	0
14MD1A0266	RT32022	SWITCHGEAR AND PROTECTION	19	22	0
14MD1A0266	RT32026	POWER SEMICONDUCTOR DRIVES	20	25	3
14MD1A0301	RT32031	OPERATIONS RESEARCH	25	3	0
14MD1A0301	RT32035	HEAT TRANSFER	20	0	0
14MD1A0305	RT32031	OPERATIONS RESEARCH	25	10	0
14MD1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	25	3
14MD1A0305	RT32035	HEAT TRANSFER	23	24	3
14MD1A0306	RT32034	ROBOTICS	23	31	3

Htno	Subcode	Subname	Internal	External	Credits
14MD1A0311	RT32031	OPERATIONS RESEARCH	14	6	0
14MD1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	0	0
14MD1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	20	12	0
14MD1A0311	RT32034	ROBOTICS	18	29	3
14MD1A0311	RT32035	HEAT TRANSFER	11	0	0
14MD1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	3	0
14MD1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	12	0	0
14MD1A0311	RT32038	HEAT TRANSFER LAB	20	38	2
14MD1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	14	0
14MD1A0312	RT32034	ROBOTICS	18	7	0
14MD1A0312	RT32035	HEAT TRANSFER	19	0	0
14MD1A0314	RT32031	OPERATIONS RESEARCH	26	30	3
14MD1A0316	RT32031	OPERATIONS RESEARCH	19	32	3
14MD1A0316	RT32034	ROBOTICS	17	46	3
14MD1A0317	RT32031	OPERATIONS RESEARCH	20	28	3
14MD1A0318	RT32031	OPERATIONS RESEARCH	22	5	0
14MD1A0318	RT32034	ROBOTICS	19	0	0
14MD1A0318	RT32035	HEAT TRANSFER	19	5	0
14MD1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	17	27	3
14MD1A0320	RT32035	HEAT TRANSFER	21	11	0
14MD1A0323	RT32035	HEAT TRANSFER	24	24	3
14MD1A0327	RT32031	OPERATIONS RESEARCH	21	0	0
14MD1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	0	0
14MD1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	23	0	0
14MD1A0327	RT32035	HEAT TRANSFER	17	0	0
14MD1A0328	RT32034	ROBOTICS	23	34	3
14MD1A0328	RT32035	HEAT TRANSFER	23	12	0
14MD1A0329	RT32034	ROBOTICS	27	32	3
14MD1A0408	RT32044	MICROWAVE ENGINEERING	19	30	3
14MD1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	8	0
14MD1A0426	RT32042	DIGITAL SIGNAL PROCESSING	16	8	0
14MD1A0426	RT32043	DIGITAL COMMUNICATIONS	18	17	0
14MD1A0437	RT32045A	BIO MEDICAL ENGINEERING	15	29	3
14MD1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	31	3
14MD1A0439	RT32042	DIGITAL SIGNAL PROCESSING	17	17	0
14MD1A0439	RT32043	DIGITAL COMMUNICATIONS	25	37	3
14MD1A0439	RT32044	MICROWAVE ENGINEERING	14	20	0
14MD1A0439	RT32045A	BIO MEDICAL ENGINEERING	9	44	3
14MD1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	-1	0
14MD1A0457	RT32044	MICROWAVE ENGINEERING	17	12	0
14MD1A0457	RT32045A	BIO MEDICAL ENGINEERING	13	0	0
14MD1A0466	RT32043	DIGITAL COMMUNICATIONS	20	34	3
14MD1A0502	RT32051	SOFTWARE ENGINEERING	16	35	3
14MD1A0510	RT32052	DATA WARE HOUSING AND MINING	20	43	3
14MD1A0548	RT32051	SOFTWARE ENGINEERING	23	29	3
14MD1A0549	RT32052	DATA WARE HOUSING AND MINING	13	-1	0
14MD1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	-1	0
14MD1A0549	RT32055	WEB TECHNOLOGIES	11	-1	0
14MD1A0561	RT32052	DATA WARE HOUSING AND MINING	16	36	3
14MD1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	9	0

Htno	Subcode	Subname	Internal	External	Credits
14MD1A0561	RT32055	WEB TECHNOLOGIES	15	9	0
14MD1A0574	RT32055	WEB TECHNOLOGIES	22	26	3
14MD1A0577	RT32052	DATA WARE HOUSING AND MINING	15	10	0
14MD1A0580	RT32051	SOFTWARE ENGINEERING	24	30	3
14MD1A0581	RT32052	DATA WARE HOUSING AND MINING	17	47	3
14MD1A0581	RT32055	WEB TECHNOLOGIES	11	33	3
14MD5A0406	RT32043	DIGITAL COMMUNICATIONS	10	23	0
14MD5A0406	RT32044	MICROWAVE ENGINEERING	11	16	0
15MD1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	9	0
15MD1A0202	RT32022	SWITCHGEAR AND PROTECTION	20	24	3
15MD1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	3	0
15MD1A0202	RT32024	POWER SYSTEM ANALYSIS	14	0	0
15MD1A0202	RT32025	MANAGEMENT SCIENCE	24	25	3
15MD1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	20	4	0
15MD1A0202	RT32027	POWER ELECTRONICS LAB	20	35	2
15MD1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	16	40	2
15MD1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	34	3
15MD1A0203	RT32022	SWITCHGEAR AND PROTECTION	26	54	3
15MD1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	64	3
15MD1A0203	RT32024	POWER SYSTEM ANALYSIS	27	33	3
15MD1A0203	RT32025	MANAGEMENT SCIENCE	27	44	3
15MD1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	27	41	3
15MD1A0203	RT32027	POWER ELECTRONICS LAB	25	50	2
15MD1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	24	3
15MD1A0204	RT32022	SWITCHGEAR AND PROTECTION	23	24	3
15MD1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	15	0
15MD1A0204	RT32024	POWER SYSTEM ANALYSIS	20	24	3
15MD1A0204	RT32025	MANAGEMENT SCIENCE	25	56	3
15MD1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	23	10	0
15MD1A0204	RT32027	POWER ELECTRONICS LAB	22	40	2
15MD1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	21	43	2
15MD1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	35	3
15MD1A0205	RT32022	SWITCHGEAR AND PROTECTION	25	52	3
15MD1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	50	3
15MD1A0205	RT32024	POWER SYSTEM ANALYSIS	26	54	3
15MD1A0205	RT32025	MANAGEMENT SCIENCE	26	37	3
15MD1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	24	69	3
15MD1A0205	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15MD1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	32	3
15MD1A0206	RT32022	SWITCHGEAR AND PROTECTION	23	54	3
15MD1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	45	3
15MD1A0206	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15MD1A0206	RT32025	MANAGEMENT SCIENCE	26	38	3
15MD1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	20	33	3
15MD1A0206	RT32027	POWER ELECTRONICS LAB	24	40	2
15MD1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
15MD1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	27	3
15MD1A0209	RT32022	SWITCHGEAR AND PROTECTION	21	29	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	43	3
15MD1A0209	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15MD1A0209	RT32025	MANAGEMENT SCIENCE	27	35	3
15MD1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	23	27	3
15MD1A0209	RT32027	POWER ELECTRONICS LAB	22	45	2
15MD1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	25	44	2
15MD1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
15MD1A0210	RT32022	SWITCHGEAR AND PROTECTION	22	24	3
15MD1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15MD1A0210	RT32024	POWER SYSTEM ANALYSIS	19	46	3
15MD1A0210	RT32025	MANAGEMENT SCIENCE	26	69	3
15MD1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	25	29	3
15MD1A0210	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
15MD1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	26	3
15MD1A0211	RT32022	SWITCHGEAR AND PROTECTION	25	47	3
15MD1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	35	3
15MD1A0211	RT32024	POWER SYSTEM ANALYSIS	20	34	3
15MD1A0211	RT32025	MANAGEMENT SCIENCE	27	36	3
15MD1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	24	27	3
15MD1A0211	RT32027	POWER ELECTRONICS LAB	21	40	2
15MD1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15MD1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
15MD1A0212	RT32022	SWITCHGEAR AND PROTECTION	21	15	0
15MD1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	14	0
15MD1A0212	RT32024	POWER SYSTEM ANALYSIS	21	5	0
15MD1A0212	RT32025	MANAGEMENT SCIENCE	25	31	3
15MD1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	19	11	0
15MD1A0212	RT32027	POWER ELECTRONICS LAB	20	35	2
15MD1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	17	40	2
15MD1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	26	3
15MD1A0213	RT32022	SWITCHGEAR AND PROTECTION	24	47	3
15MD1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	38	3
15MD1A0213	RT32024	POWER SYSTEM ANALYSIS	22	24	3
15MD1A0213	RT32025	MANAGEMENT SCIENCE	24	36	3
15MD1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15MD1A0213	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15MD1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	36	3
15MD1A0214	RT32022	SWITCHGEAR AND PROTECTION	23	32	3
15MD1A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	44	3
15MD1A0214	RT32024	POWER SYSTEM ANALYSIS	25	42	3
15MD1A0214	RT32025	MANAGEMENT SCIENCE	25	70	3
15MD1A0214	RT32026	POWER SEMICONDUCTOR DRIVES	25	39	3
15MD1A0214	RT32027	POWER ELECTRONICS LAB	25	48	2
15MD1A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15MD1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	32	3
15MD1A0215	RT32022	SWITCHGEAR AND PROTECTION	23	39	3
15MD1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	52	3
15MD1A0215	RT32024	POWER SYSTEM ANALYSIS	22	27	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0215	RT32025	MANAGEMENT SCIENCE	28	36	3
15MD1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	27	50	3
15MD1A0215	RT32027	POWER ELECTRONICS LAB	23	48	2
15MD1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	54	3
15MD1A0216	RT32022	SWITCHGEAR AND PROTECTION	24	58	3
15MD1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	56	3
15MD1A0216	RT32024	POWER SYSTEM ANALYSIS	24	55	3
15MD1A0216	RT32025	MANAGEMENT SCIENCE	28	47	3
15MD1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	24	41	3
15MD1A0216	RT32027	POWER ELECTRONICS LAB	22	45	2
15MD1A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15MD1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	53	3
15MD1A0217	RT32022	SWITCHGEAR AND PROTECTION	25	57	3
15MD1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	46	3
15MD1A0217	RT32024	POWER SYSTEM ANALYSIS	23	43	3
15MD1A0217	RT32025	MANAGEMENT SCIENCE	28	45	3
15MD1A0217	RT32026	POWER SEMICONDUCTOR DRIVES	24	50	3
15MD1A0217	RT32027	POWER ELECTRONICS LAB	24	48	2
15MD1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	25	45	2
15MD1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	43	3
15MD1A0218	RT32022	SWITCHGEAR AND PROTECTION	26	42	3
15MD1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	44	3
15MD1A0218	RT32024	POWER SYSTEM ANALYSIS	25	59	3
15MD1A0218	RT32025	MANAGEMENT SCIENCE	29	70	3
15MD1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	27	39	3
15MD1A0218	RT32027	POWER ELECTRONICS LAB	25	47	2
15MD1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15MD1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	17	0
15MD1A0219	RT32022	SWITCHGEAR AND PROTECTION	20	9	0
15MD1A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	34	3
15MD1A0219	RT32024	POWER SYSTEM ANALYSIS	18	2	0
15MD1A0219	RT32025	MANAGEMENT SCIENCE	20	24	3
15MD1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	17	14	0
15MD1A0219	RT32027	POWER ELECTRONICS LAB	21	40	2
15MD1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
15MD1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	39	3
15MD1A0221	RT32022	SWITCHGEAR AND PROTECTION	24	54	3
15MD1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	32	3
15MD1A0221	RT32024	POWER SYSTEM ANALYSIS	22	53	3
15MD1A0221	RT32025	MANAGEMENT SCIENCE	28	49	3
15MD1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	21	39	3
15MD1A0221	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15MD1A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	27	3
15MD1A0222	RT32022	SWITCHGEAR AND PROTECTION	24	45	3
15MD1A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	56	3
15MD1A0222	RT32024	POWER SYSTEM ANALYSIS	22	37	3
15MD1A0222	RT32025	MANAGEMENT SCIENCE	26	46	3
15MD1A0222	RT32026	POWER SEMICONDUCTOR DRIVES	25	42	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0222	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	25	45	2
15MD1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	43	3
15MD1A0223	RT32022	SWITCHGEAR AND PROTECTION	26	45	3
15MD1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	51	3
15MD1A0223	RT32024	POWER SYSTEM ANALYSIS	25	56	3
15MD1A0223	RT32025	MANAGEMENT SCIENCE	25	70	3
15MD1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	27	45	3
15MD1A0223	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	25	46	2
15MD1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	28	3
15MD1A0224	RT32022	SWITCHGEAR AND PROTECTION	23	46	3
15MD1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	38	3
15MD1A0224	RT32024	POWER SYSTEM ANALYSIS	25	52	3
15MD1A0224	RT32025	MANAGEMENT SCIENCE	26	42	3
15MD1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	26	43	3
15MD1A0224	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15MD1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	50	3
15MD1A0225	RT32022	SWITCHGEAR AND PROTECTION	26	58	3
15MD1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	62	3
15MD1A0225	RT32024	POWER SYSTEM ANALYSIS	26	54	3
15MD1A0225	RT32025	MANAGEMENT SCIENCE	28	48	3
15MD1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	24	41	3
15MD1A0225	RT32027	POWER ELECTRONICS LAB	24	46	2
15MD1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	36	3
15MD1A0226	RT32022	SWITCHGEAR AND PROTECTION	25	52	3
15MD1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	49	3
15MD1A0226	RT32024	POWER SYSTEM ANALYSIS	26	33	3
15MD1A0226	RT32025	MANAGEMENT SCIENCE	27	48	3
15MD1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	26	44	3
15MD1A0226	RT32027	POWER ELECTRONICS LAB	24	50	2
15MD1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	50	3
15MD1A0227	RT32022	SWITCHGEAR AND PROTECTION	25	41	3
15MD1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	54	3
15MD1A0227	RT32024	POWER SYSTEM ANALYSIS	24	59	3
15MD1A0227	RT32025	MANAGEMENT SCIENCE	28	70	3
15MD1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	25	51	3
15MD1A0227	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15MD1A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	25	3
15MD1A0228	RT32022	SWITCHGEAR AND PROTECTION	24	44	3
15MD1A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	46	3
15MD1A0228	RT32024	POWER SYSTEM ANALYSIS	21	33	3
15MD1A0228	RT32025	MANAGEMENT SCIENCE	25	43	3
15MD1A0228	RT32026	POWER SEMICONDUCTOR DRIVES	23	35	3
15MD1A0228	RT32027	POWER ELECTRONICS LAB	21	40	2
15MD1A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	45	3
15MD1A0229	RT32022	SWITCHGEAR AND PROTECTION	25	40	3
15MD1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	55	3
15MD1A0229	RT32024	POWER SYSTEM ANALYSIS	21	33	3
15MD1A0229	RT32025	MANAGEMENT SCIENCE	26	42	3
15MD1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	20	31	3
15MD1A0229	RT32027	POWER ELECTRONICS LAB	24	46	2
15MD1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15MD1A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	30	3
15MD1A0230	RT32022	SWITCHGEAR AND PROTECTION	26	36	3
15MD1A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	60	3
15MD1A0230	RT32024	POWER SYSTEM ANALYSIS	26	24	3
15MD1A0230	RT32025	MANAGEMENT SCIENCE	24	44	3
15MD1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	23	44	3
15MD1A0230	RT32027	POWER ELECTRONICS LAB	24	47	2
15MD1A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	25	48	2
15MD1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	25	3
15MD1A0231	RT32022	SWITCHGEAR AND PROTECTION	21	27	3
15MD1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	8	0
15MD1A0231	RT32024	POWER SYSTEM ANALYSIS	22	31	3
15MD1A0231	RT32025	MANAGEMENT SCIENCE	28	46	3
15MD1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	19	24	3
15MD1A0231	RT32027	POWER ELECTRONICS LAB	22	40	2
15MD1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
15MD1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	25	3
15MD1A0234	RT32022	SWITCHGEAR AND PROTECTION	25	41	3
15MD1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	58	3
15MD1A0234	RT32024	POWER SYSTEM ANALYSIS	23	49	3
15MD1A0234	RT32025	MANAGEMENT SCIENCE	28	31	3
15MD1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	24	37	3
15MD1A0234	RT32027	POWER ELECTRONICS LAB	22	45	2
15MD1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15MD1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	45	3
15MD1A0235	RT32022	SWITCHGEAR AND PROTECTION	25	55	3
15MD1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	43	3
15MD1A0235	RT32024	POWER SYSTEM ANALYSIS	26	46	3
15MD1A0235	RT32025	MANAGEMENT SCIENCE	28	47	3
15MD1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	25	43	3
15MD1A0235	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15MD1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	18	0
15MD1A0236	RT32022	SWITCHGEAR AND PROTECTION	23	24	3
15MD1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	24	3
15MD1A0236	RT32024	POWER SYSTEM ANALYSIS	22	13	0
15MD1A0236	RT32025	MANAGEMENT SCIENCE	27	26	3
15MD1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	22	12	0
15MD1A0236	RT32027	POWER ELECTRONICS LAB	22	44	2
15MD1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15MD1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	40	3
15MD1A0237	RT32022	SWITCHGEAR AND PROTECTION	24	41	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0237	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	24	3
15MD1A0237	RT32024	POWER SYSTEM ANALYSIS	24	48	3
15MD1A0237	RT32025	MANAGEMENT SCIENCE	27	70	3
15MD1A0237	RT32026	POWER SEMICONDUCTOR DRIVES	25	43	3
15MD1A0237	RT32027	POWER ELECTRONICS LAB	22	46	2
15MD1A0237	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15MD1A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	31	3
15MD1A0238	RT32022	SWITCHGEAR AND PROTECTION	22	55	3
15MD1A0238	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	43	3
15MD1A0238	RT32024	POWER SYSTEM ANALYSIS	22	47	3
15MD1A0238	RT32025	MANAGEMENT SCIENCE	26	31	3
15MD1A0238	RT32026	POWER SEMICONDUCTOR DRIVES	22	42	3
15MD1A0238	RT32027	POWER ELECTRONICS LAB	23	44	2
15MD1A0238	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15MD1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	40	3
15MD1A0240	RT32022	SWITCHGEAR AND PROTECTION	23	47	3
15MD1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	42	3
15MD1A0240	RT32024	POWER SYSTEM ANALYSIS	26	49	3
15MD1A0240	RT32025	MANAGEMENT SCIENCE	28	42	3
15MD1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	25	40	3
15MD1A0240	RT32027	POWER ELECTRONICS LAB	24	50	2
15MD1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	33	3
15MD1A0241	RT32022	SWITCHGEAR AND PROTECTION	24	43	3
15MD1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	64	3
15MD1A0241	RT32024	POWER SYSTEM ANALYSIS	22	26	3
15MD1A0241	RT32025	MANAGEMENT SCIENCE	27	39	3
15MD1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	27	44	3
15MD1A0241	RT32027	POWER ELECTRONICS LAB	22	45	2
15MD1A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15MD1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	36	3
15MD1A0242	RT32022	SWITCHGEAR AND PROTECTION	25	42	3
15MD1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	44	3
15MD1A0242	RT32024	POWER SYSTEM ANALYSIS	27	57	3
15MD1A0242	RT32025	MANAGEMENT SCIENCE	28	70	3
15MD1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	26	40	3
15MD1A0242	RT32027	POWER ELECTRONICS LAB	25	48	2
15MD1A0242	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15MD1A0243	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	24	3
15MD1A0243	RT32022	SWITCHGEAR AND PROTECTION	22	37	3
15MD1A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	34	3
15MD1A0243	RT32024	POWER SYSTEM ANALYSIS	19	45	3
15MD1A0243	RT32025	MANAGEMENT SCIENCE	27	36	3
15MD1A0243	RT32026	POWER SEMICONDUCTOR DRIVES	22	43	3
15MD1A0243	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0243	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15MD1A0244	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	32	3
15MD1A0244	RT32022	SWITCHGEAR AND PROTECTION	23	51	3
15MD1A0244	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	51	3
15MD1A0244	RT32024	POWER SYSTEM ANALYSIS	22	34	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0244	RT32025	MANAGEMENT SCIENCE	20	38	3
15MD1A0244	RT32026	POWER SEMICONDUCTOR DRIVES	21	25	3
15MD1A0244	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0244	RT32028	ELECTRICAL MEASUREMENTS LAB	25	44	2
15MD1A0245	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	33	3
15MD1A0245	RT32022	SWITCHGEAR AND PROTECTION	24	30	3
15MD1A0245	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	53	3
15MD1A0245	RT32024	POWER SYSTEM ANALYSIS	25	26	3
15MD1A0245	RT32025	MANAGEMENT SCIENCE	25	42	3
15MD1A0245	RT32026	POWER SEMICONDUCTOR DRIVES	24	36	3
15MD1A0245	RT32027	POWER ELECTRONICS LAB	24	45	2
15MD1A0245	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15MD1A0246	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	37	3
15MD1A0246	RT32022	SWITCHGEAR AND PROTECTION	24	40	3
15MD1A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	38	3
15MD1A0246	RT32024	POWER SYSTEM ANALYSIS	27	56	3
15MD1A0246	RT32025	MANAGEMENT SCIENCE	26	70	3
15MD1A0246	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
15MD1A0246	RT32027	POWER ELECTRONICS LAB	25	48	2
15MD1A0246	RT32028	ELECTRICAL MEASUREMENTS LAB	25	47	2
15MD1A0247	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	39	3
15MD1A0247	RT32022	SWITCHGEAR AND PROTECTION	24	70	3
15MD1A0247	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	62	3
15MD1A0247	RT32024	POWER SYSTEM ANALYSIS	26	56	3
15MD1A0247	RT32025	MANAGEMENT SCIENCE	28	55	3
15MD1A0247	RT32026	POWER SEMICONDUCTOR DRIVES	25	60	3
15MD1A0247	RT32027	POWER ELECTRONICS LAB	25	50	2
15MD1A0247	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0248	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	17	0
15MD1A0248	RT32022	SWITCHGEAR AND PROTECTION	18	0	0
15MD1A0248	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	5	0
15MD1A0248	RT32024	POWER SYSTEM ANALYSIS	20	2	0
15MD1A0248	RT32025	MANAGEMENT SCIENCE	25	18	0
15MD1A0248	RT32026	POWER SEMICONDUCTOR DRIVES	17	0	0
15MD1A0248	RT32027	POWER ELECTRONICS LAB	22	35	2
15MD1A0248	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
15MD1A0250	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	11	0
15MD1A0250	RT32022	SWITCHGEAR AND PROTECTION	21	10	0
15MD1A0250	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	0	0
15MD1A0250	RT32024	POWER SYSTEM ANALYSIS	14	7	0
15MD1A0250	RT32025	MANAGEMENT SCIENCE	11	0	0
15MD1A0250	RT32026	POWER SEMICONDUCTOR DRIVES	19	-1	0
15MD1A0250	RT32027	POWER ELECTRONICS LAB	20	30	2
15MD1A0250	RT32028	ELECTRICAL MEASUREMENTS LAB	16	40	2
15MD1A0251	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	41	3
15MD1A0251	RT32022	SWITCHGEAR AND PROTECTION	26	41	3
15MD1A0251	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	38	3
15MD1A0251	RT32024	POWER SYSTEM ANALYSIS	25	58	3
15MD1A0251	RT32025	MANAGEMENT SCIENCE	20	70	3
15MD1A0251	RT32026	POWER SEMICONDUCTOR DRIVES	22	31	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0251	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0251	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15MD1A0252	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	31	3
15MD1A0252	RT32022	SWITCHGEAR AND PROTECTION	26	59	3
15MD1A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	44	3
15MD1A0252	RT32024	POWER SYSTEM ANALYSIS	28	54	3
15MD1A0252	RT32025	MANAGEMENT SCIENCE	24	49	3
15MD1A0252	RT32026	POWER SEMICONDUCTOR DRIVES	26	49	3
15MD1A0252	RT32027	POWER ELECTRONICS LAB	23	45	2
15MD1A0252	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15MD1A0253	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	43	3
15MD1A0253	RT32022	SWITCHGEAR AND PROTECTION	21	48	3
15MD1A0253	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	52	3
15MD1A0253	RT32024	POWER SYSTEM ANALYSIS	22	40	3
15MD1A0253	RT32025	MANAGEMENT SCIENCE	25	44	3
15MD1A0253	RT32026	POWER SEMICONDUCTOR DRIVES	24	28	3
15MD1A0253	RT32027	POWER ELECTRONICS LAB	23	48	2
15MD1A0253	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
15MD1A0301	RT32031	OPERATIONS RESEARCH	28	41	3
15MD1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	39	3
15MD1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	29	32	3
15MD1A0301	RT32034	ROBOTICS	29	46	3
15MD1A0301	RT32035	HEAT TRANSFER	29	25	3
15MD1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	37	3
15MD1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	24	42	3
15MD1A0301	RT32038	HEAT TRANSFER LAB	25	50	2
15MD1A0302	RT32031	OPERATIONS RESEARCH	20	24	3
15MD1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	35	3
15MD1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	16	36	3
15MD1A0302	RT32034	ROBOTICS	22	36	3
15MD1A0302	RT32035	HEAT TRANSFER	25	24	3
15MD1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	7	0
15MD1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	19	3	0
15MD1A0302	RT32038	HEAT TRANSFER LAB	20	35	2
15MD1A0304	RT32031	OPERATIONS RESEARCH	20	29	3
15MD1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	30	3
15MD1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	21	32	3
15MD1A0304	RT32034	ROBOTICS	21	37	3
15MD1A0304	RT32035	HEAT TRANSFER	27	24	3
15MD1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	25	3
15MD1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
15MD1A0304	RT32038	HEAT TRANSFER LAB	22	42	2
15MD1A0305	RT32031	OPERATIONS RESEARCH	28	14	0
15MD1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
15MD1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	25	16	0
15MD1A0305	RT32034	ROBOTICS	23	34	3
15MD1A0305	RT32035	HEAT TRANSFER	28	30	3
15MD1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	34	3
15MD1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	21	31	3
15MD1A0305	RT32038	HEAT TRANSFER LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0306	RT32031	OPERATIONS RESEARCH	27	35	3
15MD1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	41	3
15MD1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	20	41	3
15MD1A0306	RT32034	ROBOTICS	21	34	3
15MD1A0306	RT32035	HEAT TRANSFER	28	17	0
15MD1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	31	3
15MD1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	20	27	3
15MD1A0306	RT32038	HEAT TRANSFER LAB	24	45	2
15MD1A0307	RT32031	OPERATIONS RESEARCH	27	24	3
15MD1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	14	0
15MD1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	22	35	3
15MD1A0307	RT32034	ROBOTICS	24	35	3
15MD1A0307	RT32035	HEAT TRANSFER	25	24	3
15MD1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	15	0
15MD1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	16	3	0
15MD1A0307	RT32038	HEAT TRANSFER LAB	22	45	2
15MD1A0308	RT32031	OPERATIONS RESEARCH	26	35	3
15MD1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
15MD1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	23	33	3
15MD1A0308	RT32034	ROBOTICS	22	45	3
15MD1A0308	RT32035	HEAT TRANSFER	25	30	3
15MD1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	33	3
15MD1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	18	31	3
15MD1A0308	RT32038	HEAT TRANSFER LAB	24	48	2
15MD1A0309	RT32031	OPERATIONS RESEARCH	25	14	0
15MD1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	29	3
15MD1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	25	12	0
15MD1A0309	RT32034	ROBOTICS	23	31	3
15MD1A0309	RT32035	HEAT TRANSFER	23	28	3
15MD1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	37	3
15MD1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	19	13	0
15MD1A0309	RT32038	HEAT TRANSFER LAB	24	49	2
15MD1A0310	RT32031	OPERATIONS RESEARCH	27	34	3
15MD1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	28	46	3
15MD1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	27	47	3
15MD1A0310	RT32034	ROBOTICS	30	52	3
15MD1A0310	RT32035	HEAT TRANSFER	28	36	3
15MD1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	27	38	3
15MD1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	25	53	3
15MD1A0310	RT32038	HEAT TRANSFER LAB	25	50	2
15MD1A0311	RT32031	OPERATIONS RESEARCH	24	30	3
15MD1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	36	3
15MD1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	24	39	3
15MD1A0311	RT32034	ROBOTICS	24	53	3
15MD1A0311	RT32035	HEAT TRANSFER	28	27	3
15MD1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	25	3
15MD1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	23	31	3
15MD1A0311	RT32038	HEAT TRANSFER LAB	25	50	2
15MD1A0312	RT32031	OPERATIONS RESEARCH	24	37	3
15MD1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	29	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	23	26	3
15MD1A0312	RT32034	ROBOTICS	20	39	3
15MD1A0312	RT32035	HEAT TRANSFER	26	29	3
15MD1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	29	3
15MD1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
15MD1A0312	RT32038	HEAT TRANSFER LAB	24	48	2
15MD1A0314	RT32031	OPERATIONS RESEARCH	17	10	0
15MD1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	27	3
15MD1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	18	6	0
15MD1A0314	RT32034	ROBOTICS	24	5	0
15MD1A0314	RT32035	HEAT TRANSFER	22	5	0
15MD1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	3	0
15MD1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	19	0	0
15MD1A0314	RT32038	HEAT TRANSFER LAB	20	35	2
15MD1A0316	RT32031	OPERATIONS RESEARCH	23	38	3
15MD1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	30	3
15MD1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	20	24	3
15MD1A0316	RT32034	ROBOTICS	24	2	0
15MD1A0316	RT32035	HEAT TRANSFER	25	13	0
15MD1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	24	3
15MD1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	19	26	3
15MD1A0316	RT32038	HEAT TRANSFER LAB	21	42	2
15MD1A0318	RT32031	OPERATIONS RESEARCH	22	20	0
15MD1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	24	3
15MD1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
15MD1A0318	RT32034	ROBOTICS	21	37	3
15MD1A0318	RT32035	HEAT TRANSFER	24	24	3
15MD1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
15MD1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	24	12	0
15MD1A0318	RT32038	HEAT TRANSFER LAB	23	47	2
15MD1A0319	RT32031	OPERATIONS RESEARCH	25	42	3
15MD1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	35	3
15MD1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	24	31	3
15MD1A0319	RT32034	ROBOTICS	24	47	3
15MD1A0319	RT32035	HEAT TRANSFER	25	39	3
15MD1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	44	3
15MD1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	23	27	3
15MD1A0319	RT32038	HEAT TRANSFER LAB	23	45	2
15MD1A0321	RT32031	OPERATIONS RESEARCH	23	10	0
15MD1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	10	0
15MD1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	26	11	0
15MD1A0321	RT32034	ROBOTICS	21	31	3
15MD1A0321	RT32035	HEAT TRANSFER	21	28	3
15MD1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	27	3
15MD1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	22	14	0
15MD1A0321	RT32038	HEAT TRANSFER LAB	22	42	2
15MD1A0323	RT32031	OPERATIONS RESEARCH	23	30	3
15MD1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	38	3
15MD1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	20	30	3
15MD1A0323	RT32034	ROBOTICS	24	47	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0323	RT32035	HEAT TRANSFER	24	24	3
15MD1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	32	3
15MD1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	23	39	3
15MD1A0323	RT32038	HEAT TRANSFER LAB	23	43	2
15MD1A0325	RT32031	OPERATIONS RESEARCH	22	10	0
15MD1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	3	0
15MD1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	19	25	3
15MD1A0325	RT32034	ROBOTICS	23	41	3
15MD1A0325	RT32035	HEAT TRANSFER	21	24	3
15MD1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	2	0
15MD1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	26	6	0
15MD1A0325	RT32038	HEAT TRANSFER LAB	21	42	2
15MD1A0326	RT32031	OPERATIONS RESEARCH	18	28	3
15MD1A0326	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	2	0
15MD1A0326	RT32033	DESIGN OF MACHINE MEMBERS II	24	16	0
15MD1A0326	RT32034	ROBOTICS	20	19	0
15MD1A0326	RT32035	HEAT TRANSFER	20	18	0
15MD1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	17	0
15MD1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	12	4	0
15MD1A0326	RT32038	HEAT TRANSFER LAB	20	40	2
15MD1A0328	RT32031	OPERATIONS RESEARCH	27	52	3
15MD1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	30	3
15MD1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
15MD1A0328	RT32034	ROBOTICS	26	31	3
15MD1A0328	RT32035	HEAT TRANSFER	30	35	3
15MD1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	51	3
15MD1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	27	53	3
15MD1A0328	RT32038	HEAT TRANSFER LAB	25	50	2
15MD1A0329	RT32031	OPERATIONS RESEARCH	19	35	3
15MD1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	39	3
15MD1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	25	31	3
15MD1A0329	RT32034	ROBOTICS	20	26	3
15MD1A0329	RT32035	HEAT TRANSFER	20	12	0
15MD1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	33	3
15MD1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
15MD1A0329	RT32038	HEAT TRANSFER LAB	21	40	2
15MD1A0330	RT32031	OPERATIONS RESEARCH	23	35	3
15MD1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	32	3
15MD1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	20	33	3
15MD1A0330	RT32034	ROBOTICS	19	38	3
15MD1A0330	RT32035	HEAT TRANSFER	23	8	0
15MD1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	15	0
15MD1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	21	13	0
15MD1A0330	RT32038	HEAT TRANSFER LAB	22	44	2
15MD1A0331	RT32031	OPERATIONS RESEARCH	18	27	3
15MD1A0331	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	26	3
15MD1A0331	RT32033	DESIGN OF MACHINE MEMBERS II	25	30	3
15MD1A0331	RT32034	ROBOTICS	18	49	3
15MD1A0331	RT32035	HEAT TRANSFER	20	13	0
15MD1A0331	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	41	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0331	RT32037A	REFRIGERATION & AIR CONDITIONING	16	24	3
15MD1A0331	RT32038	HEAT TRANSFER LAB	22	45	2
15MD1A0332	RT32031	OPERATIONS RESEARCH	23	40	3
15MD1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	28	3
15MD1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	27	26	3
15MD1A0332	RT32034	ROBOTICS	22	36	3
15MD1A0332	RT32035	HEAT TRANSFER	19	31	3
15MD1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	40	3
15MD1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	20	41	3
15MD1A0332	RT32038	HEAT TRANSFER LAB	23	46	2
15MD1A0334	RT32031	OPERATIONS RESEARCH	28	40	3
15MD1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	38	3
15MD1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	25	43	3
15MD1A0334	RT32034	ROBOTICS	26	46	3
15MD1A0334	RT32035	HEAT TRANSFER	29	12	0
15MD1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	36	3
15MD1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	20	42	3
15MD1A0334	RT32038	HEAT TRANSFER LAB	24	48	2
15MD1A0335	RT32031	OPERATIONS RESEARCH	26	51	3
15MD1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
15MD1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	27	44	3
15MD1A0335	RT32034	ROBOTICS	25	42	3
15MD1A0335	RT32035	HEAT TRANSFER	30	28	3
15MD1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	34	3
15MD1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	24	40	3
15MD1A0335	RT32038	HEAT TRANSFER LAB	24	48	2
15MD1A0336	RT32031	OPERATIONS RESEARCH	21	19	0
15MD1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	16	0
15MD1A0336	RT32033	DESIGN OF MACHINE MEMBERS II	23	26	3
15MD1A0336	RT32034	ROBOTICS	25	39	3
15MD1A0336	RT32035	HEAT TRANSFER	22	24	3
15MD1A0336	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	18	0
15MD1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	17	12	0
15MD1A0336	RT32038	HEAT TRANSFER LAB	22	44	2
15MD1A0337	RT32031	OPERATIONS RESEARCH	22	31	3
15MD1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	31	3
15MD1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	21	35	3
15MD1A0337	RT32034	ROBOTICS	19	38	3
15MD1A0337	RT32035	HEAT TRANSFER	28	32	3
15MD1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	40	3
15MD1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
15MD1A0337	RT32038	HEAT TRANSFER LAB	25	48	2
15MD1A0338	RT32031	OPERATIONS RESEARCH	26	36	3
15MD1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	0	0
15MD1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	18	12	0
15MD1A0338	RT32034	ROBOTICS	21	0	0
15MD1A0338	RT32035	HEAT TRANSFER	18	0	0
15MD1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	19	0
15MD1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	14	5	0
15MD1A0338	RT32038	HEAT TRANSFER LAB	20	37	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0339	RT32031	OPERATIONS RESEARCH	19	30	3
15MD1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	20	0
15MD1A0339	RT32033	DESIGN OF MACHINE MEMBERS II	21	24	3
15MD1A0339	RT32034	ROBOTICS	17	19	0
15MD1A0339	RT32035	HEAT TRANSFER	26	-1	0
15MD1A0339	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	-1	0
15MD1A0339	RT32037A	REFRIGERATION & AIR CONDITIONING	17	-1	0
15MD1A0339	RT32038	HEAT TRANSFER LAB	23	49	2
15MD1A0340	RT32031	OPERATIONS RESEARCH	25	44	3
15MD1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	47	3
15MD1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	29	38	3
15MD1A0340	RT32034	ROBOTICS	20	56	3
15MD1A0340	RT32035	HEAT TRANSFER	27	34	3
15MD1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	48	3
15MD1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	21	28	3
15MD1A0340	RT32038	HEAT TRANSFER LAB	25	50	2
15MD1A0341	RT32031	OPERATIONS RESEARCH	23	28	3
15MD1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	30	3
15MD1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	23	35	3
15MD1A0341	RT32034	ROBOTICS	17	43	3
15MD1A0341	RT32035	HEAT TRANSFER	21	31	3
15MD1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	27	3
15MD1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	19	30	3
15MD1A0341	RT32038	HEAT TRANSFER LAB	22	45	2
15MD1A0342	RT32031	OPERATIONS RESEARCH	15	0	0
15MD1A0342	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	31	3
15MD1A0342	RT32033	DESIGN OF MACHINE MEMBERS II	14	19	0
15MD1A0342	RT32034	ROBOTICS	15	13	0
15MD1A0342	RT32035	HEAT TRANSFER	16	0	0
15MD1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	13	14	0
15MD1A0342	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
15MD1A0342	RT32038	HEAT TRANSFER LAB	20	42	2
15MD1A0343	RT32031	OPERATIONS RESEARCH	20	29	3
15MD1A0343	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	11	0
15MD1A0343	RT32033	DESIGN OF MACHINE MEMBERS II	16	43	3
15MD1A0343	RT32034	ROBOTICS	22	32	3
15MD1A0343	RT32035	HEAT TRANSFER	15	25	3
15MD1A0343	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	11	0
15MD1A0343	RT32037A	REFRIGERATION & AIR CONDITIONING	14	26	3
15MD1A0343	RT32038	HEAT TRANSFER LAB	22	42	2
15MD1A0344	RT32031	OPERATIONS RESEARCH	23	26	3
15MD1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	27	3
15MD1A0344	RT32033	DESIGN OF MACHINE MEMBERS II	19	24	3
15MD1A0344	RT32034	ROBOTICS	23	30	3
15MD1A0344	RT32035	HEAT TRANSFER	19	15	0
15MD1A0344	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
15MD1A0344	RT32037A	REFRIGERATION & AIR CONDITIONING	13	9	0
15MD1A0344	RT32038	HEAT TRANSFER LAB	22	42	2
15MD1A0345	RT32031	OPERATIONS RESEARCH	18	24	3
15MD1A0345	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	9	0

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	16	13	0
15MD1A0345	RT32034	ROBOTICS	20	22	0
15MD1A0345	RT32035	HEAT TRANSFER	18	16	0
15MD1A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	10	0
15MD1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	14	11	0
15MD1A0345	RT32038	HEAT TRANSFER LAB	20	38	2
15MD1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	44	3
15MD1A0401	RT32042	DIGITAL SIGNAL PROCESSING	27	52	3
15MD1A0401	RT32043	DIGITAL COMMUNICATIONS	25	58	3
15MD1A0401	RT32044	MICROWAVE ENGINEERING	29	39	3
15MD1A0401	RT32045A	BIO MEDICAL ENGINEERING	27	64	3
15MD1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0401	RT32049	SEMINAR	50	0	1
15MD1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	30	3
15MD1A0402	RT32042	DIGITAL SIGNAL PROCESSING	28	42	3
15MD1A0402	RT32043	DIGITAL COMMUNICATIONS	20	34	3
15MD1A0402	RT32044	MICROWAVE ENGINEERING	29	15	0
15MD1A0402	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
15MD1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15MD1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0402	RT32049	SEMINAR	50	0	1
15MD1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	7	0
15MD1A0403	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
15MD1A0403	RT32043	DIGITAL COMMUNICATIONS	19	40	3
15MD1A0403	RT32044	MICROWAVE ENGINEERING	25	18	0
15MD1A0403	RT32045A	BIO MEDICAL ENGINEERING	24	35	3
15MD1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15MD1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	21	47	2
15MD1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0403	RT32049	SEMINAR	48	0	1
15MD1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15MD1A0404	RT32042	DIGITAL SIGNAL PROCESSING	26	26	3
15MD1A0404	RT32043	DIGITAL COMMUNICATIONS	22	28	3
15MD1A0404	RT32044	MICROWAVE ENGINEERING	29	43	3
15MD1A0404	RT32045A	BIO MEDICAL ENGINEERING	26	30	3
15MD1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15MD1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15MD1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0404	RT32049	SEMINAR	50	0	1
15MD1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
15MD1A0405	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15MD1A0405	RT32043	DIGITAL COMMUNICATIONS	21	39	3
15MD1A0405	RT32044	MICROWAVE ENGINEERING	22	4	0
15MD1A0405	RT32045A	BIO MEDICAL ENGINEERING	26	15	0
15MD1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15MD1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15MD1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0405	RT32049	SEMINAR	0	0	0
15MD1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	57	3
15MD1A0406	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15MD1A0406	RT32043	DIGITAL COMMUNICATIONS	20	43	3
15MD1A0406	RT32044	MICROWAVE ENGINEERING	29	35	3
15MD1A0406	RT32045A	BIO MEDICAL ENGINEERING	27	33	3
15MD1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15MD1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15MD1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15MD1A0406	RT32049	SEMINAR	50	0	1
15MD1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	6	0
15MD1A0407	RT32042	DIGITAL SIGNAL PROCESSING	27	28	3
15MD1A0407	RT32043	DIGITAL COMMUNICATIONS	19	45	3
15MD1A0407	RT32044	MICROWAVE ENGINEERING	26	18	0
15MD1A0407	RT32045A	BIO MEDICAL ENGINEERING	26	37	3
15MD1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15MD1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15MD1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0407	RT32049	SEMINAR	50	0	1
15MD1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	48	3
15MD1A0408	RT32042	DIGITAL SIGNAL PROCESSING	28	26	3
15MD1A0408	RT32043	DIGITAL COMMUNICATIONS	20	38	3
15MD1A0408	RT32044	MICROWAVE ENGINEERING	27	52	3
15MD1A0408	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15MD1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15MD1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15MD1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15MD1A0408	RT32049	SEMINAR	48	0	1
15MD1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	30	3
15MD1A0409	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
15MD1A0409	RT32043	DIGITAL COMMUNICATIONS	20	44	3
15MD1A0409	RT32044	MICROWAVE ENGINEERING	26	9	0
15MD1A0409	RT32045A	BIO MEDICAL ENGINEERING	22	0	0
15MD1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15MD1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15MD1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0409	RT32049	SEMINAR	49	0	1
15MD1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	37	3
15MD1A0410	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15MD1A0410	RT32043	DIGITAL COMMUNICATIONS	19	43	3
15MD1A0410	RT32044	MICROWAVE ENGINEERING	26	16	0
15MD1A0410	RT32045A	BIO MEDICAL ENGINEERING	25	24	3
15MD1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15MD1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0410	RT32049	SEMINAR	50	0	1
15MD1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	29	3
15MD1A0411	RT32042	DIGITAL SIGNAL PROCESSING	29	45	3
15MD1A0411	RT32043	DIGITAL COMMUNICATIONS	30	70	3
15MD1A0411	RT32044	MICROWAVE ENGINEERING	30	38	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0411	RT32045A	BIO MEDICAL ENGINEERING	29	46	3
15MD1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15MD1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0411	RT32049	SEMINAR	50	0	1
15MD1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	49	3
15MD1A0412	RT32042	DIGITAL SIGNAL PROCESSING	30	36	3
15MD1A0412	RT32043	DIGITAL COMMUNICATIONS	28	38	3
15MD1A0412	RT32044	MICROWAVE ENGINEERING	30	60	3
15MD1A0412	RT32045A	BIO MEDICAL ENGINEERING	26	28	3
15MD1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15MD1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0412	RT32049	SEMINAR	50	0	1
15MD1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
15MD1A0413	RT32042	DIGITAL SIGNAL PROCESSING	29	47	3
15MD1A0413	RT32043	DIGITAL COMMUNICATIONS	22	46	3
15MD1A0413	RT32044	MICROWAVE ENGINEERING	23	31	3
15MD1A0413	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
15MD1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15MD1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15MD1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0413	RT32049	SEMINAR	48	0	1
15MD1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	58	3
15MD1A0414	RT32042	DIGITAL SIGNAL PROCESSING	28	47	3
15MD1A0414	RT32043	DIGITAL COMMUNICATIONS	22	64	3
15MD1A0414	RT32044	MICROWAVE ENGINEERING	26	24	3
15MD1A0414	RT32045A	BIO MEDICAL ENGINEERING	25	33	3
15MD1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15MD1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0414	RT32049	SEMINAR	50	0	1
15MD1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15MD1A0415	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
15MD1A0415	RT32043	DIGITAL COMMUNICATIONS	25	64	3
15MD1A0415	RT32044	MICROWAVE ENGINEERING	28	27	3
15MD1A0415	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15MD1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15MD1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
15MD1A0415	RT32049	SEMINAR	50	0	1
15MD1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	44	3
15MD1A0416	RT32042	DIGITAL SIGNAL PROCESSING	27	26	3
15MD1A0416	RT32043	DIGITAL COMMUNICATIONS	21	30	3
15MD1A0416	RT32044	MICROWAVE ENGINEERING	25	34	3
15MD1A0416	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
15MD1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15MD1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0416	RT32049	SEMINAR	50	0	1

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	36	3
15MD1A0417	RT32042	DIGITAL SIGNAL PROCESSING	28	47	3
15MD1A0417	RT32043	DIGITAL COMMUNICATIONS	25	58	3
15MD1A0417	RT32044	MICROWAVE ENGINEERING	30	25	3
15MD1A0417	RT32045A	BIO MEDICAL ENGINEERING	26	70	3
15MD1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15MD1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15MD1A0417	RT32049	SEMINAR	50	0	1
15MD1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	50	3
15MD1A0418	RT32042	DIGITAL SIGNAL PROCESSING	29	42	3
15MD1A0418	RT32043	DIGITAL COMMUNICATIONS	24	42	3
15MD1A0418	RT32044	MICROWAVE ENGINEERING	26	29	3
15MD1A0418	RT32045A	BIO MEDICAL ENGINEERING	25	33	3
15MD1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
15MD1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15MD1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0418	RT32049	SEMINAR	50	0	1
15MD1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
15MD1A0419	RT32042	DIGITAL SIGNAL PROCESSING	27	30	3
15MD1A0419	RT32043	DIGITAL COMMUNICATIONS	17	49	3
15MD1A0419	RT32044	MICROWAVE ENGINEERING	26	25	3
15MD1A0419	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
15MD1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15MD1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0419	RT32049	SEMINAR	49	0	1
15MD1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	59	3
15MD1A0420	RT32042	DIGITAL SIGNAL PROCESSING	25	34	3
15MD1A0420	RT32043	DIGITAL COMMUNICATIONS	24	38	3
15MD1A0420	RT32044	MICROWAVE ENGINEERING	30	61	3
15MD1A0420	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
15MD1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15MD1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0420	RT32049	SEMINAR	49	0	1
15MD1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	26	3
15MD1A0421	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
15MD1A0421	RT32043	DIGITAL COMMUNICATIONS	16	0	0
15MD1A0421	RT32044	MICROWAVE ENGINEERING	21	7	0
15MD1A0421	RT32045A	BIO MEDICAL ENGINEERING	19	6	0
15MD1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	40	2
15MD1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	18	40	2
15MD1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15MD1A0421	RT32049	SEMINAR	30	0	1
15MD1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	48	3
15MD1A0422	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15MD1A0422	RT32043	DIGITAL COMMUNICATIONS	24	47	3
15MD1A0422	RT32044	MICROWAVE ENGINEERING	30	24	3
15MD1A0422	RT32045A	BIO MEDICAL ENGINEERING	28	28	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15MD1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15MD1A0422	RT32049	SEMINAR	50	0	1
15MD1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	17	0
15MD1A0423	RT32042	DIGITAL SIGNAL PROCESSING	26	28	3
15MD1A0423	RT32043	DIGITAL COMMUNICATIONS	20	43	3
15MD1A0423	RT32044	MICROWAVE ENGINEERING	26	30	3
15MD1A0423	RT32045A	BIO MEDICAL ENGINEERING	20	46	3
15MD1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15MD1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15MD1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15MD1A0423	RT32049	SEMINAR	42	0	1
15MD1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	68	3
15MD1A0424	RT32042	DIGITAL SIGNAL PROCESSING	28	41	3
15MD1A0424	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15MD1A0424	RT32044	MICROWAVE ENGINEERING	30	67	3
15MD1A0424	RT32045A	BIO MEDICAL ENGINEERING	26	64	3
15MD1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0424	RT32049	SEMINAR	50	0	1
15MD1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	36	3
15MD1A0425	RT32042	DIGITAL SIGNAL PROCESSING	30	49	3
15MD1A0425	RT32043	DIGITAL COMMUNICATIONS	26	50	3
15MD1A0425	RT32044	MICROWAVE ENGINEERING	27	17	0
15MD1A0425	RT32045A	BIO MEDICAL ENGINEERING	26	48	3
15MD1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0425	RT32049	SEMINAR	49	0	1
15MD1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	61	3
15MD1A0426	RT32042	DIGITAL SIGNAL PROCESSING	28	51	3
15MD1A0426	RT32043	DIGITAL COMMUNICATIONS	23	55	3
15MD1A0426	RT32044	MICROWAVE ENGINEERING	25	36	3
15MD1A0426	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15MD1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	49	2
15MD1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0426	RT32049	SEMINAR	50	0	1
15MD1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
15MD1A0427	RT32042	DIGITAL SIGNAL PROCESSING	20	29	3
15MD1A0427	RT32043	DIGITAL COMMUNICATIONS	19	51	3
15MD1A0427	RT32044	MICROWAVE ENGINEERING	26	12	0
15MD1A0427	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
15MD1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	35	2
15MD1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15MD1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	44	2
15MD1A0427	RT32049	SEMINAR	49	0	1
15MD1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	70	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0428	RT32042	DIGITAL SIGNAL PROCESSING	30	37	3
15MD1A0428	RT32043	DIGITAL COMMUNICATIONS	29	45	3
15MD1A0428	RT32044	MICROWAVE ENGINEERING	30	70	3
15MD1A0428	RT32045A	BIO MEDICAL ENGINEERING	26	64	3
15MD1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15MD1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0428	RT32049	SEMINAR	50	0	1
15MD1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	44	3
15MD1A0429	RT32042	DIGITAL SIGNAL PROCESSING	28	63	3
15MD1A0429	RT32043	DIGITAL COMMUNICATIONS	23	49	3
15MD1A0429	RT32044	MICROWAVE ENGINEERING	29	25	3
15MD1A0429	RT32045A	BIO MEDICAL ENGINEERING	28	51	3
15MD1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15MD1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0429	RT32049	SEMINAR	50	0	1
15MD1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	-1	0
15MD1A0431	RT32042	DIGITAL SIGNAL PROCESSING	29	-1	0
15MD1A0431	RT32043	DIGITAL COMMUNICATIONS	16	-1	0
15MD1A0431	RT32044	MICROWAVE ENGINEERING	25	-1	0
15MD1A0431	RT32045A	BIO MEDICAL ENGINEERING	24	-1	0
15MD1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	-1	0
15MD1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	24	-1	0
15MD1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	-1	0
15MD1A0431	RT32049	SEMINAR	49	0	1
15MD1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	15	0
15MD1A0432	RT32042	DIGITAL SIGNAL PROCESSING	28	33	3
15MD1A0432	RT32043	DIGITAL COMMUNICATIONS	26	57	3
15MD1A0432	RT32044	MICROWAVE ENGINEERING	27	24	3
15MD1A0432	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
15MD1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15MD1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15MD1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0432	RT32049	SEMINAR	50	0	1
15MD1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	46	3
15MD1A0433	RT32042	DIGITAL SIGNAL PROCESSING	23	0	0
15MD1A0433	RT32043	DIGITAL COMMUNICATIONS	17	27	3
15MD1A0433	RT32044	MICROWAVE ENGINEERING	26	24	3
15MD1A0433	RT32045A	BIO MEDICAL ENGINEERING	24	44	3
15MD1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15MD1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15MD1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15MD1A0433	RT32049	SEMINAR	42	0	1
15MD1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15MD1A0434	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15MD1A0434	RT32043	DIGITAL COMMUNICATIONS	16	37	3
15MD1A0434	RT32044	MICROWAVE ENGINEERING	26	17	0
15MD1A0434	RT32045A	BIO MEDICAL ENGINEERING	26	27	3
15MD1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15MD1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15MD1A0434	RT32049	SEMINAR	48	0	1
15MD1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	-1	0
15MD1A0435	RT32042	DIGITAL SIGNAL PROCESSING	26	-1	0
15MD1A0435	RT32043	DIGITAL COMMUNICATIONS	18	10	0
15MD1A0435	RT32044	MICROWAVE ENGINEERING	24	15	0
15MD1A0435	RT32045A	BIO MEDICAL ENGINEERING	26	22	0
15MD1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	-1	0
15MD1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15MD1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15MD1A0435	RT32049	SEMINAR	49	0	1
15MD1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	33	3
15MD1A0437	RT32042	DIGITAL SIGNAL PROCESSING	30	39	3
15MD1A0437	RT32043	DIGITAL COMMUNICATIONS	23	67	3
15MD1A0437	RT32044	MICROWAVE ENGINEERING	30	39	3
15MD1A0437	RT32045A	BIO MEDICAL ENGINEERING	27	50	3
15MD1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
15MD1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0437	RT32049	SEMINAR	50	0	1
15MD1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
15MD1A0438	RT32042	DIGITAL SIGNAL PROCESSING	26	11	0
15MD1A0438	RT32043	DIGITAL COMMUNICATIONS	17	30	3
15MD1A0438	RT32044	MICROWAVE ENGINEERING	26	11	0
15MD1A0438	RT32045A	BIO MEDICAL ENGINEERING	23	24	3
15MD1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
15MD1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15MD1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15MD1A0438	RT32049	SEMINAR	50	0	1
15MD1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	28	3
15MD1A0439	RT32042	DIGITAL SIGNAL PROCESSING	28	37	3
15MD1A0439	RT32043	DIGITAL COMMUNICATIONS	17	52	3
15MD1A0439	RT32044	MICROWAVE ENGINEERING	25	18	0
15MD1A0439	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15MD1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15MD1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15MD1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0439	RT32049	SEMINAR	49	0	1
15MD1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	37	3
15MD1A0440	RT32042	DIGITAL SIGNAL PROCESSING	25	26	3
15MD1A0440	RT32043	DIGITAL COMMUNICATIONS	19	35	3
15MD1A0440	RT32044	MICROWAVE ENGINEERING	19	44	3
15MD1A0440	RT32045A	BIO MEDICAL ENGINEERING	19	25	3
15MD1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15MD1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15MD1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15MD1A0440	RT32049	SEMINAR	48	0	1
15MD1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	34	3
15MD1A0441	RT32042	DIGITAL SIGNAL PROCESSING	27	34	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0441	RT32043	DIGITAL COMMUNICATIONS	20	52	3
15MD1A0441	RT32044	MICROWAVE ENGINEERING	25	30	3
15MD1A0441	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
15MD1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15MD1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15MD1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
15MD1A0441	RT32049	SEMINAR	49	0	1
15MD1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	60	3
15MD1A0442	RT32042	DIGITAL SIGNAL PROCESSING	28	33	3
15MD1A0442	RT32043	DIGITAL COMMUNICATIONS	24	35	3
15MD1A0442	RT32044	MICROWAVE ENGINEERING	25	50	3
15MD1A0442	RT32045A	BIO MEDICAL ENGINEERING	27	59	3
15MD1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15MD1A0442	RT32049	SEMINAR	49	0	1
15MD1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	34	3
15MD1A0443	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15MD1A0443	RT32043	DIGITAL COMMUNICATIONS	19	37	3
15MD1A0443	RT32044	MICROWAVE ENGINEERING	26	32	3
15MD1A0443	RT32045A	BIO MEDICAL ENGINEERING	19	40	3
15MD1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	29	2
15MD1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	24	-1	0
15MD1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15MD1A0443	RT32049	SEMINAR	50	0	1
15MD1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	65	3
15MD1A0444	RT32042	DIGITAL SIGNAL PROCESSING	28	44	3
15MD1A0444	RT32043	DIGITAL COMMUNICATIONS	23	63	3
15MD1A0444	RT32044	MICROWAVE ENGINEERING	24	46	3
15MD1A0444	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
15MD1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
15MD1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15MD1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15MD1A0444	RT32049	SEMINAR	50	0	1
15MD1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	15	0
15MD1A0445	RT32042	DIGITAL SIGNAL PROCESSING	28	37	3
15MD1A0445	RT32043	DIGITAL COMMUNICATIONS	20	51	3
15MD1A0445	RT32044	MICROWAVE ENGINEERING	26	29	3
15MD1A0445	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
15MD1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15MD1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15MD1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15MD1A0445	RT32049	SEMINAR	50	0	1
15MD1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	43	3
15MD1A0446	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
15MD1A0446	RT32043	DIGITAL COMMUNICATIONS	22	27	3
15MD1A0446	RT32044	MICROWAVE ENGINEERING	25	24	3
15MD1A0446	RT32045A	BIO MEDICAL ENGINEERING	25	33	3
15MD1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15MD1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0446	RT32049	SEMINAR	49	0	1
15MD1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	42	3
15MD1A0447	RT32042	DIGITAL SIGNAL PROCESSING	23	40	3
15MD1A0447	RT32043	DIGITAL COMMUNICATIONS	20	33	3
15MD1A0447	RT32044	MICROWAVE ENGINEERING	25	27	3
15MD1A0447	RT32045A	BIO MEDICAL ENGINEERING	25	43	3
15MD1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15MD1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0447	RT32049	SEMINAR	48	0	1
15MD1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	41	3
15MD1A0448	RT32042	DIGITAL SIGNAL PROCESSING	26	47	3
15MD1A0448	RT32043	DIGITAL COMMUNICATIONS	18	61	3
15MD1A0448	RT32044	MICROWAVE ENGINEERING	26	36	3
15MD1A0448	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15MD1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15MD1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15MD1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15MD1A0448	RT32049	SEMINAR	47	0	1
15MD1A0449	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	34	3
15MD1A0449	RT32042	DIGITAL SIGNAL PROCESSING	19	13	0
15MD1A0449	RT32043	DIGITAL COMMUNICATIONS	15	39	3
15MD1A0449	RT32044	MICROWAVE ENGINEERING	23	18	0
15MD1A0449	RT32045A	BIO MEDICAL ENGINEERING	20	31	3
15MD1A0449	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15MD1A0449	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
15MD1A0449	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15MD1A0449	RT32049	SEMINAR	44	0	1
15MD1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	32	3
15MD1A0450	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15MD1A0450	RT32043	DIGITAL COMMUNICATIONS	19	27	3
15MD1A0450	RT32044	MICROWAVE ENGINEERING	20	30	3
15MD1A0450	RT32045A	BIO MEDICAL ENGINEERING	24	25	3
15MD1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15MD1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15MD1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15MD1A0450	RT32049	SEMINAR	45	0	1
15MD1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15MD1A0451	RT32042	DIGITAL SIGNAL PROCESSING	18	13	0
15MD1A0451	RT32043	DIGITAL COMMUNICATIONS	18	0	0
15MD1A0451	RT32044	MICROWAVE ENGINEERING	21	0	0
15MD1A0451	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15MD1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15MD1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	22	30	2
15MD1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	43	2
15MD1A0451	RT32049	SEMINAR	0	0	0
15MD1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	9	0
15MD1A0452	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15MD1A0452	RT32043	DIGITAL COMMUNICATIONS	14	33	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0452	RT32044	MICROWAVE ENGINEERING	20	29	3
15MD1A0452	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
15MD1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	41	2
15MD1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	20	39	2
15MD1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	46	2
15MD1A0452	RT32049	SEMINAR	0	0	0
15MD1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15MD1A0453	RT32042	DIGITAL SIGNAL PROCESSING	25	28	3
15MD1A0453	RT32043	DIGITAL COMMUNICATIONS	19	43	3
15MD1A0453	RT32044	MICROWAVE ENGINEERING	26	25	3
15MD1A0453	RT32045A	BIO MEDICAL ENGINEERING	23	33	3
15MD1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15MD1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15MD1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0453	RT32049	SEMINAR	49	0	1
15MD1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	44	3
15MD1A0454	RT32042	DIGITAL SIGNAL PROCESSING	28	15	0
15MD1A0454	RT32043	DIGITAL COMMUNICATIONS	18	39	3
15MD1A0454	RT32044	MICROWAVE ENGINEERING	24	46	3
15MD1A0454	RT32045A	BIO MEDICAL ENGINEERING	26	45	3
15MD1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15MD1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0454	RT32049	SEMINAR	49	0	1
15MD1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	40	3
15MD1A0455	RT32042	DIGITAL SIGNAL PROCESSING	29	50	3
15MD1A0455	RT32043	DIGITAL COMMUNICATIONS	23	57	3
15MD1A0455	RT32044	MICROWAVE ENGINEERING	24	69	3
15MD1A0455	RT32045A	BIO MEDICAL ENGINEERING	27	50	3
15MD1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15MD1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0455	RT32049	SEMINAR	49	0	1
15MD1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	40	3
15MD1A0456	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
15MD1A0456	RT32043	DIGITAL COMMUNICATIONS	12	28	3
15MD1A0456	RT32044	MICROWAVE ENGINEERING	19	39	3
15MD1A0456	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
15MD1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15MD1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
15MD1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15MD1A0456	RT32049	SEMINAR	0	0	0
15MD1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	24	3
15MD1A0457	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
15MD1A0457	RT32043	DIGITAL COMMUNICATIONS	22	51	3
15MD1A0457	RT32044	MICROWAVE ENGINEERING	22	31	3
15MD1A0457	RT32045A	BIO MEDICAL ENGINEERING	27	39	3
15MD1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15MD1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0457	RT32049	SEMINAR	48	0	1
15MD1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	43	3
15MD1A0458	RT32042	DIGITAL SIGNAL PROCESSING	27	16	0
15MD1A0458	RT32043	DIGITAL COMMUNICATIONS	17	28	3
15MD1A0458	RT32044	MICROWAVE ENGINEERING	24	50	3
15MD1A0458	RT32045A	BIO MEDICAL ENGINEERING	24	29	3
15MD1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15MD1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0458	RT32049	SEMINAR	46	0	1
15MD1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
15MD1A0459	RT32042	DIGITAL SIGNAL PROCESSING	17	29	3
15MD1A0459	RT32043	DIGITAL COMMUNICATIONS	13	37	3
15MD1A0459	RT32044	MICROWAVE ENGINEERING	24	15	0
15MD1A0459	RT32045A	BIO MEDICAL ENGINEERING	20	0	0
15MD1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15MD1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	24	45	2
15MD1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	46	2
15MD1A0459	RT32049	SEMINAR	0	0	0
15MD1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	39	3
15MD1A0460	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15MD1A0460	RT32043	DIGITAL COMMUNICATIONS	16	48	3
15MD1A0460	RT32044	MICROWAVE ENGINEERING	24	36	3
15MD1A0460	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
15MD1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15MD1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15MD1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	45	2
15MD1A0460	RT32049	SEMINAR	0	0	0
15MD1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	38	3
15MD1A0461	RT32042	DIGITAL SIGNAL PROCESSING	30	43	3
15MD1A0461	RT32043	DIGITAL COMMUNICATIONS	21	55	3
15MD1A0461	RT32044	MICROWAVE ENGINEERING	27	39	3
15MD1A0461	RT32045A	BIO MEDICAL ENGINEERING	25	52	3
15MD1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0461	RT32049	SEMINAR	49	0	1
15MD1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	36	3
15MD1A0462	RT32042	DIGITAL SIGNAL PROCESSING	27	24	3
15MD1A0462	RT32043	DIGITAL COMMUNICATIONS	21	28	3
15MD1A0462	RT32044	MICROWAVE ENGINEERING	25	49	3
15MD1A0462	RT32045A	BIO MEDICAL ENGINEERING	25	38	3
15MD1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0462	RT32049	SEMINAR	49	0	1
15MD1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	34	3
15MD1A0464	RT32042	DIGITAL SIGNAL PROCESSING	27	45	3
15MD1A0464	RT32043	DIGITAL COMMUNICATIONS	20	39	3
15MD1A0464	RT32044	MICROWAVE ENGINEERING	24	32	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0464	RT32045A	BIO MEDICAL ENGINEERING	24	51	3
15MD1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15MD1A0464	RT32049	SEMINAR	50	0	1
15MD1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	57	3
15MD1A0465	RT32042	DIGITAL SIGNAL PROCESSING	28	50	3
15MD1A0465	RT32043	DIGITAL COMMUNICATIONS	23	60	3
15MD1A0465	RT32044	MICROWAVE ENGINEERING	28	45	3
15MD1A0465	RT32045A	BIO MEDICAL ENGINEERING	27	32	3
15MD1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15MD1A0465	RT32049	SEMINAR	49	0	1
15MD1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	34	3
15MD1A0466	RT32042	DIGITAL SIGNAL PROCESSING	29	43	3
15MD1A0466	RT32043	DIGITAL COMMUNICATIONS	20	52	3
15MD1A0466	RT32044	MICROWAVE ENGINEERING	29	36	3
15MD1A0466	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
15MD1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15MD1A0466	RT32049	SEMINAR	50	0	1
15MD1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	31	3
15MD1A0467	RT32042	DIGITAL SIGNAL PROCESSING	29	11	0
15MD1A0467	RT32043	DIGITAL COMMUNICATIONS	18	28	3
15MD1A0467	RT32044	MICROWAVE ENGINEERING	25	40	3
15MD1A0467	RT32045A	BIO MEDICAL ENGINEERING	25	26	3
15MD1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15MD1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	24	43	2
15MD1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0467	RT32049	SEMINAR	44	0	1
15MD1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	32	3
15MD1A0468	RT32042	DIGITAL SIGNAL PROCESSING	27	42	3
15MD1A0468	RT32043	DIGITAL COMMUNICATIONS	21	49	3
15MD1A0468	RT32044	MICROWAVE ENGINEERING	26	35	3
15MD1A0468	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
15MD1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15MD1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	49	2
15MD1A0468	RT32049	SEMINAR	48	0	1
15MD1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	17	0
15MD1A0469	RT32042	DIGITAL SIGNAL PROCESSING	27	40	3
15MD1A0469	RT32043	DIGITAL COMMUNICATIONS	22	54	3
15MD1A0469	RT32044	MICROWAVE ENGINEERING	28	46	3
15MD1A0469	RT32045A	BIO MEDICAL ENGINEERING	26	32	3
15MD1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15MD1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0469	RT32049	SEMINAR	44	0	1

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
15MD1A0470	RT32042	DIGITAL SIGNAL PROCESSING	25	38	3
15MD1A0470	RT32043	DIGITAL COMMUNICATIONS	20	53	3
15MD1A0470	RT32044	MICROWAVE ENGINEERING	26	30	3
15MD1A0470	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
15MD1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15MD1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0470	RT32049	SEMINAR	42	0	1
15MD1A0472	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15MD1A0472	RT32042	DIGITAL SIGNAL PROCESSING	27	19	0
15MD1A0472	RT32043	DIGITAL COMMUNICATIONS	21	27	3
15MD1A0472	RT32044	MICROWAVE ENGINEERING	23	28	3
15MD1A0472	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
15MD1A0472	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15MD1A0472	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15MD1A0472	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0472	RT32049	SEMINAR	42	0	1
15MD1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
15MD1A0473	RT32042	DIGITAL SIGNAL PROCESSING	25	55	3
15MD1A0473	RT32043	DIGITAL COMMUNICATIONS	24	56	3
15MD1A0473	RT32044	MICROWAVE ENGINEERING	27	31	3
15MD1A0473	RT32045A	BIO MEDICAL ENGINEERING	24	65	3
15MD1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
15MD1A0473	RT32049	SEMINAR	50	0	1
15MD1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	32	3
15MD1A0474	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
15MD1A0474	RT32043	DIGITAL COMMUNICATIONS	23	54	3
15MD1A0474	RT32044	MICROWAVE ENGINEERING	28	34	3
15MD1A0474	RT32045A	BIO MEDICAL ENGINEERING	27	34	3
15MD1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15MD1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0474	RT32049	SEMINAR	47	0	1
15MD1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	28	3
15MD1A0475	RT32042	DIGITAL SIGNAL PROCESSING	27	42	3
15MD1A0475	RT32043	DIGITAL COMMUNICATIONS	23	55	3
15MD1A0475	RT32044	MICROWAVE ENGINEERING	25	45	3
15MD1A0475	RT32045A	BIO MEDICAL ENGINEERING	26	31	3
15MD1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15MD1A0475	RT32049	SEMINAR	50	0	1
15MD1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	36	3
15MD1A0476	RT32042	DIGITAL SIGNAL PROCESSING	27	28	3
15MD1A0476	RT32043	DIGITAL COMMUNICATIONS	23	28	3
15MD1A0476	RT32044	MICROWAVE ENGINEERING	26	56	3
15MD1A0476	RT32045A	BIO MEDICAL ENGINEERING	27	35	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15MD1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	48	2
15MD1A0476	RT32049	SEMINAR	49	0	1
15MD1A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	46	3
15MD1A0477	RT32042	DIGITAL SIGNAL PROCESSING	28	52	3
15MD1A0477	RT32043	DIGITAL COMMUNICATIONS	25	57	3
15MD1A0477	RT32044	MICROWAVE ENGINEERING	28	32	3
15MD1A0477	RT32045A	BIO MEDICAL ENGINEERING	26	53	3
15MD1A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15MD1A0477	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0477	RT32049	SEMINAR	50	0	1
15MD1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	33	3
15MD1A0479	RT32042	DIGITAL SIGNAL PROCESSING	26	39	3
15MD1A0479	RT32043	DIGITAL COMMUNICATIONS	21	64	3
15MD1A0479	RT32044	MICROWAVE ENGINEERING	26	34	3
15MD1A0479	RT32045A	BIO MEDICAL ENGINEERING	26	32	3
15MD1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15MD1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15MD1A0479	RT32049	SEMINAR	49	0	1
15MD1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15MD1A0480	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15MD1A0480	RT32043	DIGITAL COMMUNICATIONS	22	55	3
15MD1A0480	RT32044	MICROWAVE ENGINEERING	27	40	3
15MD1A0480	RT32045A	BIO MEDICAL ENGINEERING	25	51	3
15MD1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15MD1A0480	RT32049	SEMINAR	49	0	1
15MD1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15MD1A0481	RT32042	DIGITAL SIGNAL PROCESSING	29	18	0
15MD1A0481	RT32043	DIGITAL COMMUNICATIONS	26	35	3
15MD1A0481	RT32044	MICROWAVE ENGINEERING	25	65	3
15MD1A0481	RT32045A	BIO MEDICAL ENGINEERING	26	43	3
15MD1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15MD1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
15MD1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15MD1A0481	RT32049	SEMINAR	50	0	1
15MD1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	28	3
15MD1A0482	RT32042	DIGITAL SIGNAL PROCESSING	27	35	3
15MD1A0482	RT32043	DIGITAL COMMUNICATIONS	20	46	3
15MD1A0482	RT32044	MICROWAVE ENGINEERING	26	35	3
15MD1A0482	RT32045A	BIO MEDICAL ENGINEERING	26	46	3
15MD1A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15MD1A0482	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
15MD1A0482	RT32049	SEMINAR	47	0	1
15MD1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0483	RT32042	DIGITAL SIGNAL PROCESSING	28	50	3
15MD1A0483	RT32043	DIGITAL COMMUNICATIONS	22	58	3
15MD1A0483	RT32044	MICROWAVE ENGINEERING	27	37	3
15MD1A0483	RT32045A	BIO MEDICAL ENGINEERING	25	46	3
15MD1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15MD1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15MD1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0483	RT32049	SEMINAR	48	0	1
15MD1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15MD1A0484	RT32042	DIGITAL SIGNAL PROCESSING	27	29	3
15MD1A0484	RT32043	DIGITAL COMMUNICATIONS	21	61	3
15MD1A0484	RT32044	MICROWAVE ENGINEERING	25	15	0
15MD1A0484	RT32045A	BIO MEDICAL ENGINEERING	24	46	3
15MD1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15MD1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15MD1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15MD1A0484	RT32049	SEMINAR	45	0	1
15MD1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	34	3
15MD1A0485	RT32042	DIGITAL SIGNAL PROCESSING	23	16	0
15MD1A0485	RT32043	DIGITAL COMMUNICATIONS	23	29	3
15MD1A0485	RT32044	MICROWAVE ENGINEERING	27	52	3
15MD1A0485	RT32045A	BIO MEDICAL ENGINEERING	24	18	0
15MD1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15MD1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15MD1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15MD1A0485	RT32049	SEMINAR	46	0	1
15MD1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	28	3
15MD1A0486	RT32042	DIGITAL SIGNAL PROCESSING	28	46	3
15MD1A0486	RT32043	DIGITAL COMMUNICATIONS	21	60	3
15MD1A0486	RT32044	MICROWAVE ENGINEERING	26	32	3
15MD1A0486	RT32045A	BIO MEDICAL ENGINEERING	26	41	3
15MD1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15MD1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0486	RT32049	SEMINAR	48	0	1
15MD1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	31	3
15MD1A0487	RT32042	DIGITAL SIGNAL PROCESSING	26	36	3
15MD1A0487	RT32043	DIGITAL COMMUNICATIONS	22	38	3
15MD1A0487	RT32044	MICROWAVE ENGINEERING	25	31	3
15MD1A0487	RT32045A	BIO MEDICAL ENGINEERING	27	28	3
15MD1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15MD1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15MD1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15MD1A0487	RT32049	SEMINAR	50	0	1
15MD1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	0	0
15MD1A0488	RT32042	DIGITAL SIGNAL PROCESSING	23	-1	0
15MD1A0488	RT32043	DIGITAL COMMUNICATIONS	12	2	0
15MD1A0488	RT32044	MICROWAVE ENGINEERING	20	0	0
15MD1A0488	RT32045A	BIO MEDICAL ENGINEERING	19	0	0
15MD1A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0488	RT32047	DIGITAL COMMUNICATIONS LAB	15	-1	0
15MD1A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	8	-1	0
15MD1A0488	RT32049	SEMINAR	0	0	0
15MD1A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	16	0
15MD1A0489	RT32042	DIGITAL SIGNAL PROCESSING	23	5	0
15MD1A0489	RT32043	DIGITAL COMMUNICATIONS	15	19	0
15MD1A0489	RT32044	MICROWAVE ENGINEERING	18	11	0
15MD1A0489	RT32045A	BIO MEDICAL ENGINEERING	22	9	0
15MD1A0489	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15MD1A0489	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
15MD1A0489	RT32048	DIGITAL SIGNAL PROCESSING LAB	10	46	2
15MD1A0489	RT32049	SEMINAR	42	0	1
15MD1A0502	RT32051	SOFTWARE ENGINEERING	17	31	3
15MD1A0502	RT32052	DATA WARE HOUSING AND MINING	20	15	0
15MD1A0502	RT32053	COMPUTER NETWORKS	18	30	3
15MD1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	17	0
15MD1A0502	RT32055	WEB TECHNOLOGIES	19	32	3
15MD1A0502	RT32056	IPR AND PATENTS	24	50	2
15MD1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	42	2
15MD1A0502	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15MD1A0502	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15MD1A0503	RT32051	SOFTWARE ENGINEERING	16	34	3
15MD1A0503	RT32052	DATA WARE HOUSING AND MINING	23	42	3
15MD1A0503	RT32053	COMPUTER NETWORKS	18	27	3
15MD1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15MD1A0503	RT32055	WEB TECHNOLOGIES	19	26	3
15MD1A0503	RT32056	IPR AND PATENTS	15	59	2
15MD1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A0503	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15MD1A0503	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15MD1A0504	RT32051	SOFTWARE ENGINEERING	20	45	3
15MD1A0504	RT32052	DATA WARE HOUSING AND MINING	22	32	3
15MD1A0504	RT32053	COMPUTER NETWORKS	17	31	3
15MD1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15MD1A0504	RT32055	WEB TECHNOLOGIES	20	46	3
15MD1A0504	RT32056	IPR AND PATENTS	22	43	2
15MD1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	38	2
15MD1A0504	RT32058	SOFTWARE ENGINEERING LAB	21	45	2
15MD1A0504	RT32059	WEB TECHNOLOGIES LAB	15	47	2
15MD1A0505	RT32051	SOFTWARE ENGINEERING	16	26	3
15MD1A0505	RT32052	DATA WARE HOUSING AND MINING	18	17	0
15MD1A0505	RT32053	COMPUTER NETWORKS	14	17	0
15MD1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	8	0
15MD1A0505	RT32055	WEB TECHNOLOGIES	20	6	0
15MD1A0505	RT32056	IPR AND PATENTS	17	44	2
15MD1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15MD1A0505	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15MD1A0505	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15MD1A0506	RT32051	SOFTWARE ENGINEERING	16	33	3
15MD1A0506	RT32052	DATA WARE HOUSING AND MINING	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0506	RT32053	COMPUTER NETWORKS	18	26	3
15MD1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	30	3
15MD1A0506	RT32055	WEB TECHNOLOGIES	19	32	3
15MD1A0506	RT32056	IPR AND PATENTS	17	52	2
15MD1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	38	2
15MD1A0506	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15MD1A0506	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15MD1A0508	RT32051	SOFTWARE ENGINEERING	23	33	3
15MD1A0508	RT32052	DATA WARE HOUSING AND MINING	23	31	3
15MD1A0508	RT32053	COMPUTER NETWORKS	23	37	3
15MD1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	40	3
15MD1A0508	RT32055	WEB TECHNOLOGIES	24	37	3
15MD1A0508	RT32056	IPR AND PATENTS	19	53	2
15MD1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	45	2
15MD1A0508	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15MD1A0508	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15MD1A0509	RT32051	SOFTWARE ENGINEERING	25	38	3
15MD1A0509	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15MD1A0509	RT32053	COMPUTER NETWORKS	20	31	3
15MD1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	32	3
15MD1A0509	RT32055	WEB TECHNOLOGIES	21	40	3
15MD1A0509	RT32056	IPR AND PATENTS	21	48	2
15MD1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	43	2
15MD1A0509	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0509	RT32059	WEB TECHNOLOGIES LAB	20	48	2
15MD1A0510	RT32051	SOFTWARE ENGINEERING	22	37	3
15MD1A0510	RT32052	DATA WARE HOUSING AND MINING	24	40	3
15MD1A0510	RT32053	COMPUTER NETWORKS	23	30	3
15MD1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15MD1A0510	RT32055	WEB TECHNOLOGIES	22	29	3
15MD1A0510	RT32056	IPR AND PATENTS	21	50	2
15MD1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15MD1A0510	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0510	RT32059	WEB TECHNOLOGIES LAB	20	48	2
15MD1A0511	RT32051	SOFTWARE ENGINEERING	24	35	3
15MD1A0511	RT32052	DATA WARE HOUSING AND MINING	23	27	3
15MD1A0511	RT32053	COMPUTER NETWORKS	25	32	3
15MD1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	35	3
15MD1A0511	RT32055	WEB TECHNOLOGIES	22	30	3
15MD1A0511	RT32056	IPR AND PATENTS	21	50	2
15MD1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	49	2
15MD1A0511	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0511	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15MD1A0512	RT32051	SOFTWARE ENGINEERING	25	43	3
15MD1A0512	RT32052	DATA WARE HOUSING AND MINING	27	49	3
15MD1A0512	RT32053	COMPUTER NETWORKS	27	41	3
15MD1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	53	3
15MD1A0512	RT32055	WEB TECHNOLOGIES	21	43	3
15MD1A0512	RT32056	IPR AND PATENTS	23	57	2
15MD1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0512	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0512	RT32059	WEB TECHNOLOGIES LAB	24	45	2
15MD1A0513	RT32051	SOFTWARE ENGINEERING	25	51	3
15MD1A0513	RT32052	DATA WARE HOUSING AND MINING	24	44	3
15MD1A0513	RT32053	COMPUTER NETWORKS	24	37	3
15MD1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15MD1A0513	RT32055	WEB TECHNOLOGIES	24	48	3
15MD1A0513	RT32056	IPR AND PATENTS	23	57	2
15MD1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15MD1A0513	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0513	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15MD1A0514	RT32051	SOFTWARE ENGINEERING	21	33	3
15MD1A0514	RT32052	DATA WARE HOUSING AND MINING	24	32	3
15MD1A0514	RT32053	COMPUTER NETWORKS	24	29	3
15MD1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	25	3
15MD1A0514	RT32055	WEB TECHNOLOGIES	21	31	3
15MD1A0514	RT32056	IPR AND PATENTS	19	52	2
15MD1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15MD1A0514	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
15MD1A0514	RT32059	WEB TECHNOLOGIES LAB	16	47	2
15MD1A0515	RT32051	SOFTWARE ENGINEERING	16	25	3
15MD1A0515	RT32052	DATA WARE HOUSING AND MINING	16	3	0
15MD1A0515	RT32053	COMPUTER NETWORKS	16	8	0
15MD1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	6	0
15MD1A0515	RT32055	WEB TECHNOLOGIES	17	8	0
15MD1A0515	RT32056	IPR AND PATENTS	16	42	2
15MD1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15MD1A0515	RT32058	SOFTWARE ENGINEERING LAB	18	42	2
15MD1A0515	RT32059	WEB TECHNOLOGIES LAB	15	46	2
15MD1A0517	RT32051	SOFTWARE ENGINEERING	25	49	3
15MD1A0517	RT32052	DATA WARE HOUSING AND MINING	24	41	3
15MD1A0517	RT32053	COMPUTER NETWORKS	26	40	3
15MD1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	40	3
15MD1A0517	RT32055	WEB TECHNOLOGIES	26	36	3
15MD1A0517	RT32056	IPR AND PATENTS	22	63	2
15MD1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0517	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0517	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15MD1A0518	RT32051	SOFTWARE ENGINEERING	23	15	0
15MD1A0518	RT32052	DATA WARE HOUSING AND MINING	16	24	3
15MD1A0518	RT32053	COMPUTER NETWORKS	16	24	3
15MD1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	3	0
15MD1A0518	RT32055	WEB TECHNOLOGIES	17	25	3
15MD1A0518	RT32056	IPR AND PATENTS	22	32	2
15MD1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15MD1A0518	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
15MD1A0518	RT32059	WEB TECHNOLOGIES LAB	15	44	2
15MD1A0520	RT32051	SOFTWARE ENGINEERING	27	48	3
15MD1A0520	RT32052	DATA WARE HOUSING AND MINING	25	59	3
15MD1A0520	RT32053	COMPUTER NETWORKS	25	37	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	26	3
15MD1A0520	RT32055	WEB TECHNOLOGIES	27	44	3
15MD1A0520	RT32056	IPR AND PATENTS	23	60	2
15MD1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15MD1A0520	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15MD1A0520	RT32059	WEB TECHNOLOGIES LAB	22	49	2
15MD1A0521	RT32051	SOFTWARE ENGINEERING	22	35	3
15MD1A0521	RT32052	DATA WARE HOUSING AND MINING	23	29	3
15MD1A0521	RT32053	COMPUTER NETWORKS	21	34	3
15MD1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	29	3
15MD1A0521	RT32055	WEB TECHNOLOGIES	19	15	0
15MD1A0521	RT32056	IPR AND PATENTS	20	39	2
15MD1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15MD1A0521	RT32058	SOFTWARE ENGINEERING LAB	20	46	2
15MD1A0521	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15MD1A0522	RT32051	SOFTWARE ENGINEERING	17	33	3
15MD1A0522	RT32052	DATA WARE HOUSING AND MINING	19	48	3
15MD1A0522	RT32053	COMPUTER NETWORKS	23	24	3
15MD1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3
15MD1A0522	RT32055	WEB TECHNOLOGIES	21	39	3
15MD1A0522	RT32056	IPR AND PATENTS	19	51	2
15MD1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	35	2
15MD1A0522	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15MD1A0522	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15MD1A0523	RT32051	SOFTWARE ENGINEERING	27	32	3
15MD1A0523	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15MD1A0523	RT32053	COMPUTER NETWORKS	27	36	3
15MD1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	48	3
15MD1A0523	RT32055	WEB TECHNOLOGIES	24	40	3
15MD1A0523	RT32056	IPR AND PATENTS	21	63	2
15MD1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A0523	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15MD1A0523	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15MD1A0524	RT32051	SOFTWARE ENGINEERING	16	38	3
15MD1A0524	RT32052	DATA WARE HOUSING AND MINING	20	39	3
15MD1A0524	RT32053	COMPUTER NETWORKS	18	28	3
15MD1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	13	0
15MD1A0524	RT32055	WEB TECHNOLOGIES	19	34	3
15MD1A0524	RT32056	IPR AND PATENTS	18	45	2
15MD1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	45	2
15MD1A0524	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15MD1A0524	RT32059	WEB TECHNOLOGIES LAB	15	45	2
15MD1A0525	RT32051	SOFTWARE ENGINEERING	25	37	3
15MD1A0525	RT32052	DATA WARE HOUSING AND MINING	29	29	3
15MD1A0525	RT32053	COMPUTER NETWORKS	27	46	3
15MD1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	34	3
15MD1A0525	RT32055	WEB TECHNOLOGIES	26	38	3
15MD1A0525	RT32056	IPR AND PATENTS	20	58	2
15MD1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15MD1A0525	RT32058	SOFTWARE ENGINEERING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0525	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15MD1A0527	RT32051	SOFTWARE ENGINEERING	26	29	3
15MD1A0527	RT32052	DATA WARE HOUSING AND MINING	27	49	3
15MD1A0527	RT32053	COMPUTER NETWORKS	28	35	3
15MD1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	42	3
15MD1A0527	RT32055	WEB TECHNOLOGIES	27	42	3
15MD1A0527	RT32056	IPR AND PATENTS	22	56	2
15MD1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15MD1A0527	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0527	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15MD1A0528	RT32051	SOFTWARE ENGINEERING	27	27	3
15MD1A0528	RT32052	DATA WARE HOUSING AND MINING	26	45	3
15MD1A0528	RT32053	COMPUTER NETWORKS	29	40	3
15MD1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15MD1A0528	RT32055	WEB TECHNOLOGIES	27	40	3
15MD1A0528	RT32056	IPR AND PATENTS	22	60	2
15MD1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15MD1A0528	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15MD1A0528	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15MD1A0529	RT32051	SOFTWARE ENGINEERING	26	36	3
15MD1A0529	RT32052	DATA WARE HOUSING AND MINING	22	32	3
15MD1A0529	RT32053	COMPUTER NETWORKS	25	33	3
15MD1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	27	3
15MD1A0529	RT32055	WEB TECHNOLOGIES	26	43	3
15MD1A0529	RT32056	IPR AND PATENTS	21	44	2
15MD1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	47	2
15MD1A0529	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0529	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15MD1A0530	RT32051	SOFTWARE ENGINEERING	25	49	3
15MD1A0530	RT32052	DATA WARE HOUSING AND MINING	25	32	3
15MD1A0530	RT32053	COMPUTER NETWORKS	26	45	3
15MD1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	36	3
15MD1A0530	RT32055	WEB TECHNOLOGIES	24	39	3
15MD1A0530	RT32056	IPR AND PATENTS	22	59	2
15MD1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A0530	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15MD1A0530	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15MD1A0531	RT32051	SOFTWARE ENGINEERING	21	24	3
15MD1A0531	RT32052	DATA WARE HOUSING AND MINING	22	44	3
15MD1A0531	RT32053	COMPUTER NETWORKS	22	30	3
15MD1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	30	3
15MD1A0531	RT32055	WEB TECHNOLOGIES	21	37	3
15MD1A0531	RT32056	IPR AND PATENTS	22	56	2
15MD1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15MD1A0531	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0531	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15MD1A0532	RT32051	SOFTWARE ENGINEERING	17	15	0
15MD1A0532	RT32052	DATA WARE HOUSING AND MINING	19	24	3
15MD1A0532	RT32053	COMPUTER NETWORKS	18	14	0
15MD1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	0	0

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0532	RT32055	WEB TECHNOLOGIES	22	24	3
15MD1A0532	RT32056	IPR AND PATENTS	16	30	2
15MD1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15MD1A0532	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15MD1A0532	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15MD1A0533	RT32051	SOFTWARE ENGINEERING	25	35	3
15MD1A0533	RT32052	DATA WARE HOUSING AND MINING	22	41	3
15MD1A0533	RT32053	COMPUTER NETWORKS	22	29	3
15MD1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15MD1A0533	RT32055	WEB TECHNOLOGIES	20	42	3
15MD1A0533	RT32056	IPR AND PATENTS	24	53	2
15MD1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	45	2
15MD1A0533	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0533	RT32059	WEB TECHNOLOGIES LAB	15	47	2
15MD1A0534	RT32051	SOFTWARE ENGINEERING	16	40	3
15MD1A0534	RT32052	DATA WARE HOUSING AND MINING	21	17	0
15MD1A0534	RT32053	COMPUTER NETWORKS	22	24	3
15MD1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	17	0
15MD1A0534	RT32055	WEB TECHNOLOGIES	19	15	0
15MD1A0534	RT32056	IPR AND PATENTS	12	44	2
15MD1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	43	2
15MD1A0534	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15MD1A0534	RT32059	WEB TECHNOLOGIES LAB	16	40	2
15MD1A0535	RT32051	SOFTWARE ENGINEERING	25	49	3
15MD1A0535	RT32052	DATA WARE HOUSING AND MINING	26	47	3
15MD1A0535	RT32053	COMPUTER NETWORKS	29	47	3
15MD1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15MD1A0535	RT32055	WEB TECHNOLOGIES	27	36	3
15MD1A0535	RT32056	IPR AND PATENTS	24	59	2
15MD1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15MD1A0535	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0535	RT32059	WEB TECHNOLOGIES LAB	21	47	2
15MD1A0536	RT32051	SOFTWARE ENGINEERING	20	37	3
15MD1A0536	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15MD1A0536	RT32053	COMPUTER NETWORKS	25	35	3
15MD1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
15MD1A0536	RT32055	WEB TECHNOLOGIES	25	45	3
15MD1A0536	RT32056	IPR AND PATENTS	23	51	2
15MD1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0536	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15MD1A0536	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15MD1A0537	RT32051	SOFTWARE ENGINEERING	25	36	3
15MD1A0537	RT32052	DATA WARE HOUSING AND MINING	23	31	3
15MD1A0537	RT32053	COMPUTER NETWORKS	21	33	3
15MD1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
15MD1A0537	RT32055	WEB TECHNOLOGIES	24	36	3
15MD1A0537	RT32056	IPR AND PATENTS	23	59	2
15MD1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	46	2
15MD1A0537	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0537	RT32059	WEB TECHNOLOGIES LAB	21	48	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0538	RT32051	SOFTWARE ENGINEERING	23	44	3
15MD1A0538	RT32052	DATA WARE HOUSING AND MINING	21	4	0
15MD1A0538	RT32053	COMPUTER NETWORKS	17	30	3
15MD1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	5	35	3
15MD1A0538	RT32055	WEB TECHNOLOGIES	21	26	3
15MD1A0538	RT32056	IPR AND PATENTS	20	53	2
15MD1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	14	36	2
15MD1A0538	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15MD1A0538	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15MD1A0539	RT32051	SOFTWARE ENGINEERING	20	24	3
15MD1A0539	RT32052	DATA WARE HOUSING AND MINING	21	39	3
15MD1A0539	RT32053	COMPUTER NETWORKS	18	29	3
15MD1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	31	3
15MD1A0539	RT32055	WEB TECHNOLOGIES	20	33	3
15MD1A0539	RT32056	IPR AND PATENTS	22	47	2
15MD1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	47	2
15MD1A0539	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15MD1A0539	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15MD1A0540	RT32051	SOFTWARE ENGINEERING	22	27	3
15MD1A0540	RT32052	DATA WARE HOUSING AND MINING	25	11	0
15MD1A0540	RT32053	COMPUTER NETWORKS	25	32	3
15MD1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	28	3
15MD1A0540	RT32055	WEB TECHNOLOGIES	16	33	3
15MD1A0540	RT32056	IPR AND PATENTS	20	43	2
15MD1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15MD1A0540	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15MD1A0540	RT32059	WEB TECHNOLOGIES LAB	16	40	2
15MD1A0542	RT32051	SOFTWARE ENGINEERING	17	17	0
15MD1A0542	RT32052	DATA WARE HOUSING AND MINING	17	18	0
15MD1A0542	RT32053	COMPUTER NETWORKS	15	13	0
15MD1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	5	0
15MD1A0542	RT32055	WEB TECHNOLOGIES	21	8	0
15MD1A0542	RT32056	IPR AND PATENTS	16	26	2
15MD1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	36	2
15MD1A0542	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15MD1A0542	RT32059	WEB TECHNOLOGIES LAB	16	40	2
15MD1A0543	RT32051	SOFTWARE ENGINEERING	26	41	3
15MD1A0543	RT32052	DATA WARE HOUSING AND MINING	22	29	3
15MD1A0543	RT32053	COMPUTER NETWORKS	23	44	3
15MD1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	37	3
15MD1A0543	RT32055	WEB TECHNOLOGIES	21	17	0
15MD1A0543	RT32056	IPR AND PATENTS	21	50	2
15MD1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	45	2
15MD1A0543	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15MD1A0543	RT32059	WEB TECHNOLOGIES LAB	18	45	2
15MD1A0544	RT32051	SOFTWARE ENGINEERING	24	43	3
15MD1A0544	RT32052	DATA WARE HOUSING AND MINING	24	41	3
15MD1A0544	RT32053	COMPUTER NETWORKS	26	52	3
15MD1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15MD1A0544	RT32055	WEB TECHNOLOGIES	23	40	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0544	RT32056	IPR AND PATENTS	23	59	2
15MD1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15MD1A0544	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0544	RT32059	WEB TECHNOLOGIES LAB	21	49	2
15MD1A0546	RT32051	SOFTWARE ENGINEERING	16	39	3
15MD1A0546	RT32052	DATA WARE HOUSING AND MINING	19	33	3
15MD1A0546	RT32053	COMPUTER NETWORKS	17	28	3
15MD1A0546	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	17	0
15MD1A0546	RT32055	WEB TECHNOLOGIES	17	42	3
15MD1A0546	RT32056	IPR AND PATENTS	21	51	2
15MD1A0546	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15MD1A0546	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15MD1A0546	RT32059	WEB TECHNOLOGIES LAB	16	44	2
15MD1A0547	RT32051	SOFTWARE ENGINEERING	26	37	3
15MD1A0547	RT32052	DATA WARE HOUSING AND MINING	22	36	3
15MD1A0547	RT32053	COMPUTER NETWORKS	22	29	3
15MD1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	26	3
15MD1A0547	RT32055	WEB TECHNOLOGIES	20	37	3
15MD1A0547	RT32056	IPR AND PATENTS	26	56	2
15MD1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15MD1A0547	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15MD1A0547	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15MD1A0548	RT32051	SOFTWARE ENGINEERING	23	42	3
15MD1A0548	RT32052	DATA WARE HOUSING AND MINING	24	25	3
15MD1A0548	RT32053	COMPUTER NETWORKS	23	33	3
15MD1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	24	3
15MD1A0548	RT32055	WEB TECHNOLOGIES	20	38	3
15MD1A0548	RT32056	IPR AND PATENTS	22	54	2
15MD1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	48	2
15MD1A0548	RT32058	SOFTWARE ENGINEERING LAB	21	43	2
15MD1A0548	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15MD1A0549	RT32051	SOFTWARE ENGINEERING	21	24	3
15MD1A0549	RT32052	DATA WARE HOUSING AND MINING	19	38	3
15MD1A0549	RT32053	COMPUTER NETWORKS	16	27	3
15MD1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15MD1A0549	RT32055	WEB TECHNOLOGIES	19	34	3
15MD1A0549	RT32056	IPR AND PATENTS	19	48	2
15MD1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	39	2
15MD1A0549	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15MD1A0549	RT32059	WEB TECHNOLOGIES LAB	15	40	2
15MD1A0550	RT32051	SOFTWARE ENGINEERING	24	30	3
15MD1A0550	RT32052	DATA WARE HOUSING AND MINING	22	41	3
15MD1A0550	RT32053	COMPUTER NETWORKS	17	27	3
15MD1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15MD1A0550	RT32055	WEB TECHNOLOGIES	22	32	3
15MD1A0550	RT32056	IPR AND PATENTS	22	37	2
15MD1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	41	2
15MD1A0550	RT32058	SOFTWARE ENGINEERING LAB	19	47	2
15MD1A0550	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15MD1A0551	RT32051	SOFTWARE ENGINEERING	21	46	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0551	RT32052	DATA WARE HOUSING AND MINING	25	41	3
15MD1A0551	RT32053	COMPUTER NETWORKS	23	37	3
15MD1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	31	3
15MD1A0551	RT32055	WEB TECHNOLOGIES	24	46	3
15MD1A0551	RT32056	IPR AND PATENTS	24	52	2
15MD1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A0551	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0551	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15MD1A0552	RT32051	SOFTWARE ENGINEERING	24	49	3
15MD1A0552	RT32052	DATA WARE HOUSING AND MINING	20	29	3
15MD1A0552	RT32053	COMPUTER NETWORKS	25	42	3
15MD1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15MD1A0552	RT32055	WEB TECHNOLOGIES	27	38	3
15MD1A0552	RT32056	IPR AND PATENTS	23	53	2
15MD1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15MD1A0552	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15MD1A0552	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15MD1A0553	RT32051	SOFTWARE ENGINEERING	24	31	3
15MD1A0553	RT32052	DATA WARE HOUSING AND MINING	21	41	3
15MD1A0553	RT32053	COMPUTER NETWORKS	26	28	3
15MD1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	30	3
15MD1A0553	RT32055	WEB TECHNOLOGIES	25	28	3
15MD1A0553	RT32056	IPR AND PATENTS	23	47	2
15MD1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15MD1A0553	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0553	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15MD1A0554	RT32051	SOFTWARE ENGINEERING	22	40	3
15MD1A0554	RT32052	DATA WARE HOUSING AND MINING	22	33	3
15MD1A0554	RT32053	COMPUTER NETWORKS	24	34	3
15MD1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	8	0
15MD1A0554	RT32055	WEB TECHNOLOGIES	22	31	3
15MD1A0554	RT32056	IPR AND PATENTS	21	40	2
15MD1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15MD1A0554	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15MD1A0554	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15MD1A0555	RT32051	SOFTWARE ENGINEERING	27	45	3
15MD1A0555	RT32052	DATA WARE HOUSING AND MINING	27	58	3
15MD1A0555	RT32053	COMPUTER NETWORKS	28	40	3
15MD1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	31	3
15MD1A0555	RT32055	WEB TECHNOLOGIES	27	34	3
15MD1A0555	RT32056	IPR AND PATENTS	23	49	2
15MD1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15MD1A0555	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0555	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15MD1A0556	RT32051	SOFTWARE ENGINEERING	23	38	3
15MD1A0556	RT32052	DATA WARE HOUSING AND MINING	25	24	3
15MD1A0556	RT32053	COMPUTER NETWORKS	23	24	3
15MD1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	17	0
15MD1A0556	RT32055	WEB TECHNOLOGIES	19	30	3
15MD1A0556	RT32056	IPR AND PATENTS	20	53	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
15MD1A0556	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0556	RT32059	WEB TECHNOLOGIES LAB	20	46	2
15MD1A0558	RT32051	SOFTWARE ENGINEERING	23	31	3
15MD1A0558	RT32052	DATA WARE HOUSING AND MINING	22	43	3
15MD1A0558	RT32053	COMPUTER NETWORKS	20	35	3
15MD1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	38	3
15MD1A0558	RT32055	WEB TECHNOLOGIES	28	42	3
15MD1A0558	RT32056	IPR AND PATENTS	22	58	2
15MD1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15MD1A0558	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0558	RT32059	WEB TECHNOLOGIES LAB	14	40	2
15MD1A0559	RT32051	SOFTWARE ENGINEERING	25	48	3
15MD1A0559	RT32052	DATA WARE HOUSING AND MINING	23	42	3
15MD1A0559	RT32053	COMPUTER NETWORKS	28	31	3
15MD1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
15MD1A0559	RT32055	WEB TECHNOLOGIES	27	45	3
15MD1A0559	RT32056	IPR AND PATENTS	21	60	2
15MD1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0559	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
15MD1A0559	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15MD1A0560	RT32051	SOFTWARE ENGINEERING	21	31	3
15MD1A0560	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15MD1A0560	RT32053	COMPUTER NETWORKS	23	27	3
15MD1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15MD1A0560	RT32055	WEB TECHNOLOGIES	23	41	3
15MD1A0560	RT32056	IPR AND PATENTS	21	44	2
15MD1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0560	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0560	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15MD1A0561	RT32051	SOFTWARE ENGINEERING	16	37	3
15MD1A0561	RT32052	DATA WARE HOUSING AND MINING	19	15	0
15MD1A0561	RT32053	COMPUTER NETWORKS	16	41	3
15MD1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	34	3
15MD1A0561	RT32055	WEB TECHNOLOGIES	25	36	3
15MD1A0561	RT32056	IPR AND PATENTS	23	59	2
15MD1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	42	2
15MD1A0561	RT32058	SOFTWARE ENGINEERING LAB	21	47	2
15MD1A0561	RT32059	WEB TECHNOLOGIES LAB	15	48	2
15MD1A0562	RT32051	SOFTWARE ENGINEERING	17	24	3
15MD1A0562	RT32052	DATA WARE HOUSING AND MINING	23	42	3
15MD1A0562	RT32053	COMPUTER NETWORKS	25	27	3
15MD1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	40	3
15MD1A0562	RT32055	WEB TECHNOLOGIES	26	32	3
15MD1A0562	RT32056	IPR AND PATENTS	23	52	2
15MD1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15MD1A0562	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0562	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15MD1A0563	RT32051	SOFTWARE ENGINEERING	27	42	3
15MD1A0563	RT32052	DATA WARE HOUSING AND MINING	28	43	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0563	RT32053	COMPUTER NETWORKS	26	34	3
15MD1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	24	3
15MD1A0563	RT32055	WEB TECHNOLOGIES	26	51	3
15MD1A0563	RT32056	IPR AND PATENTS	22	51	2
15MD1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0563	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0563	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15MD1A0564	RT32051	SOFTWARE ENGINEERING	27	38	3
15MD1A0564	RT32052	DATA WARE HOUSING AND MINING	28	46	3
15MD1A0564	RT32053	COMPUTER NETWORKS	27	33	3
15MD1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	27	3
15MD1A0564	RT32055	WEB TECHNOLOGIES	26	36	3
15MD1A0564	RT32056	IPR AND PATENTS	24	44	2
15MD1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A0564	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0564	RT32059	WEB TECHNOLOGIES LAB	16	47	2
15MD1A0566	RT32051	SOFTWARE ENGINEERING	23	42	3
15MD1A0566	RT32052	DATA WARE HOUSING AND MINING	25	35	3
15MD1A0566	RT32053	COMPUTER NETWORKS	24	44	3
15MD1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15MD1A0566	RT32055	WEB TECHNOLOGIES	23	39	3
15MD1A0566	RT32056	IPR AND PATENTS	21	62	2
15MD1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15MD1A0566	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A0566	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15MD1A0567	RT32051	SOFTWARE ENGINEERING	21	33	3
15MD1A0567	RT32052	DATA WARE HOUSING AND MINING	18	42	3
15MD1A0567	RT32053	COMPUTER NETWORKS	21	28	3
15MD1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	31	3
15MD1A0567	RT32055	WEB TECHNOLOGIES	25	31	3
15MD1A0567	RT32056	IPR AND PATENTS	16	51	2
15MD1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0567	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0567	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15MD1A0568	RT32051	SOFTWARE ENGINEERING	22	44	3
15MD1A0568	RT32052	DATA WARE HOUSING AND MINING	22	36	3
15MD1A0568	RT32053	COMPUTER NETWORKS	21	32	3
15MD1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	16	0
15MD1A0568	RT32055	WEB TECHNOLOGIES	24	33	3
15MD1A0568	RT32056	IPR AND PATENTS	24	56	2
15MD1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15MD1A0568	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A0568	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15MD1A0569	RT32051	SOFTWARE ENGINEERING	23	30	3
15MD1A0569	RT32052	DATA WARE HOUSING AND MINING	21	31	3
15MD1A0569	RT32053	COMPUTER NETWORKS	20	31	3
15MD1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	14	0
15MD1A0569	RT32055	WEB TECHNOLOGIES	24	28	3
15MD1A0569	RT32056	IPR AND PATENTS	20	46	2
15MD1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0569	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15MD1A0569	RT32059	WEB TECHNOLOGIES LAB	18	45	2
15MD1A0570	RT32051	SOFTWARE ENGINEERING	27	40	3
15MD1A0570	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15MD1A0570	RT32053	COMPUTER NETWORKS	28	37	3
15MD1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15MD1A0570	RT32055	WEB TECHNOLOGIES	24	43	3
15MD1A0570	RT32056	IPR AND PATENTS	21	54	2
15MD1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15MD1A0570	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0570	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15MD1A0571	RT32051	SOFTWARE ENGINEERING	28	39	3
15MD1A0571	RT32052	DATA WARE HOUSING AND MINING	25	49	3
15MD1A0571	RT32053	COMPUTER NETWORKS	27	37	3
15MD1A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15MD1A0571	RT32055	WEB TECHNOLOGIES	24	44	3
15MD1A0571	RT32056	IPR AND PATENTS	22	60	2
15MD1A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
15MD1A0571	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0571	RT32059	WEB TECHNOLOGIES LAB	24	46	2
15MD1A0572	RT32051	SOFTWARE ENGINEERING	27	47	3
15MD1A0572	RT32052	DATA WARE HOUSING AND MINING	25	41	3
15MD1A0572	RT32053	COMPUTER NETWORKS	23	37	3
15MD1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	29	3
15MD1A0572	RT32055	WEB TECHNOLOGIES	28	55	3
15MD1A0572	RT32056	IPR AND PATENTS	27	45	2
15MD1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15MD1A0572	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0572	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15MD1A0573	RT32051	SOFTWARE ENGINEERING	19	27	3
15MD1A0573	RT32052	DATA WARE HOUSING AND MINING	22	29	3
15MD1A0573	RT32053	COMPUTER NETWORKS	19	24	3
15MD1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	24	3
15MD1A0573	RT32055	WEB TECHNOLOGIES	24	28	3
15MD1A0573	RT32056	IPR AND PATENTS	20	46	2
15MD1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15MD1A0573	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
15MD1A0573	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15MD1A0574	RT32051	SOFTWARE ENGINEERING	16	30	3
15MD1A0574	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15MD1A0574	RT32053	COMPUTER NETWORKS	23	30	3
15MD1A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	24	3
15MD1A0574	RT32055	WEB TECHNOLOGIES	27	29	3
15MD1A0574	RT32056	IPR AND PATENTS	17	59	2
15MD1A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15MD1A0574	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A0574	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15MD1A0575	RT32051	SOFTWARE ENGINEERING	18	35	3
15MD1A0575	RT32052	DATA WARE HOUSING AND MINING	18	46	3
15MD1A0575	RT32053	COMPUTER NETWORKS	21	11	0

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	30	3
15MD1A0575	RT32055	WEB TECHNOLOGIES	20	39	3
15MD1A0575	RT32056	IPR AND PATENTS	15	55	2
15MD1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	42	2
15MD1A0575	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15MD1A0575	RT32059	WEB TECHNOLOGIES LAB	15	40	2
15MD1A0577	RT32051	SOFTWARE ENGINEERING	21	45	3
15MD1A0577	RT32052	DATA WARE HOUSING AND MINING	24	38	3
15MD1A0577	RT32053	COMPUTER NETWORKS	23	35	3
15MD1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	27	3
15MD1A0577	RT32055	WEB TECHNOLOGIES	24	32	3
15MD1A0577	RT32056	IPR AND PATENTS	22	57	2
15MD1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
15MD1A0577	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
15MD1A0577	RT32059	WEB TECHNOLOGIES LAB	14	46	2
15MD1A0578	RT32051	SOFTWARE ENGINEERING	27	53	3
15MD1A0578	RT32052	DATA WARE HOUSING AND MINING	27	43	3
15MD1A0578	RT32053	COMPUTER NETWORKS	26	36	3
15MD1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
15MD1A0578	RT32055	WEB TECHNOLOGIES	27	46	3
15MD1A0578	RT32056	IPR AND PATENTS	24	69	2
15MD1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15MD1A0578	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A0578	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15MD1A0579	RT32051	SOFTWARE ENGINEERING	19	28	3
15MD1A0579	RT32052	DATA WARE HOUSING AND MINING	23	24	3
15MD1A0579	RT32053	COMPUTER NETWORKS	19	15	0
15MD1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	16	0
15MD1A0579	RT32055	WEB TECHNOLOGIES	23	15	0
15MD1A0579	RT32056	IPR AND PATENTS	18	31	2
15MD1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	40	2
15MD1A0579	RT32058	SOFTWARE ENGINEERING LAB	20	47	2
15MD1A0579	RT32059	WEB TECHNOLOGIES LAB	14	40	2
15MD1A0580	RT32051	SOFTWARE ENGINEERING	26	31	3
15MD1A0580	RT32052	DATA WARE HOUSING AND MINING	20	35	3
15MD1A0580	RT32053	COMPUTER NETWORKS	21	29	3
15MD1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	28	3
15MD1A0580	RT32055	WEB TECHNOLOGIES	21	34	3
15MD1A0580	RT32056	IPR AND PATENTS	18	57	2
15MD1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	46	2
15MD1A0580	RT32058	SOFTWARE ENGINEERING LAB	22	49	2
15MD1A0580	RT32059	WEB TECHNOLOGIES LAB	15	44	2
15MD1A0581	RT32051	SOFTWARE ENGINEERING	23	40	3
15MD1A0581	RT32052	DATA WARE HOUSING AND MINING	20	44	3
15MD1A0581	RT32053	COMPUTER NETWORKS	24	32	3
15MD1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	32	3
15MD1A0581	RT32055	WEB TECHNOLOGIES	25	44	3
15MD1A0581	RT32056	IPR AND PATENTS	23	63	2
15MD1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0581	RT32058	SOFTWARE ENGINEERING LAB	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0581	RT32059	WEB TECHNOLOGIES LAB	24	50	2
15MD1A0582	RT32051	SOFTWARE ENGINEERING	23	29	3
15MD1A0582	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15MD1A0582	RT32053	COMPUTER NETWORKS	21	25	3
15MD1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	17	0
15MD1A0582	RT32055	WEB TECHNOLOGIES	20	6	0
15MD1A0582	RT32056	IPR AND PATENTS	8	33	2
15MD1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	41	2
15MD1A0582	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0582	RT32059	WEB TECHNOLOGIES LAB	18	35	2
15MD1A0583	RT32051	SOFTWARE ENGINEERING	20	30	3
15MD1A0583	RT32052	DATA WARE HOUSING AND MINING	22	27	3
15MD1A0583	RT32053	COMPUTER NETWORKS	18	15	0
15MD1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	24	3
15MD1A0583	RT32055	WEB TECHNOLOGIES	23	6	0
15MD1A0583	RT32056	IPR AND PATENTS	18	36	2
15MD1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	44	2
15MD1A0583	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A0583	RT32059	WEB TECHNOLOGIES LAB	20	43	2
15MD1A0584	RT32051	SOFTWARE ENGINEERING	25	39	3
15MD1A0584	RT32052	DATA WARE HOUSING AND MINING	24	48	3
15MD1A0584	RT32053	COMPUTER NETWORKS	25	36	3
15MD1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	42	3
15MD1A0584	RT32055	WEB TECHNOLOGIES	27	44	3
15MD1A0584	RT32056	IPR AND PATENTS	23	55	2
15MD1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	41	2
15MD1A0584	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0584	RT32059	WEB TECHNOLOGIES LAB	15	40	2
15MD1A0585	RT32051	SOFTWARE ENGINEERING	16	28	3
15MD1A0585	RT32052	DATA WARE HOUSING AND MINING	20	15	0
15MD1A0585	RT32053	COMPUTER NETWORKS	16	24	3
15MD1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	9	0
15MD1A0585	RT32055	WEB TECHNOLOGIES	16	15	0
15MD1A0585	RT32056	IPR AND PATENTS	22	35	2
15MD1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	35	2
15MD1A0585	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
15MD1A0585	RT32059	WEB TECHNOLOGIES LAB	15	35	2
15MD1A0586	RT32051	SOFTWARE ENGINEERING	9	18	0
15MD1A0586	RT32052	DATA WARE HOUSING AND MINING	16	27	3
15MD1A0586	RT32053	COMPUTER NETWORKS	13	1	0
15MD1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	2	0
15MD1A0586	RT32055	WEB TECHNOLOGIES	15	2	0
15MD1A0586	RT32056	IPR AND PATENTS	15	37	2
15MD1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	31	2
15MD1A0586	RT32058	SOFTWARE ENGINEERING LAB	17	42	2
15MD1A0586	RT32059	WEB TECHNOLOGIES LAB	12	25	2
15MD1A0587	RT32051	SOFTWARE ENGINEERING	24	37	3
15MD1A0587	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15MD1A0587	RT32053	COMPUTER NETWORKS	24	41	3
15MD1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	24	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0587	RT32055	WEB TECHNOLOGIES	25	26	3
15MD1A0587	RT32056	IPR AND PATENTS	21	55	2
15MD1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0587	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0587	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15MD1A0588	RT32051	SOFTWARE ENGINEERING	19	33	3
15MD1A0588	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15MD1A0588	RT32053	COMPUTER NETWORKS	24	30	3
15MD1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15MD1A0588	RT32055	WEB TECHNOLOGIES	20	39	3
15MD1A0588	RT32056	IPR AND PATENTS	21	50	2
15MD1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15MD1A0588	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A0588	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15MD1A0589	RT32051	SOFTWARE ENGINEERING	21	35	3
15MD1A0589	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15MD1A0589	RT32053	COMPUTER NETWORKS	22	27	3
15MD1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	15	0
15MD1A0589	RT32055	WEB TECHNOLOGIES	22	25	3
15MD1A0589	RT32056	IPR AND PATENTS	16	-1	0
15MD1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15MD1A0589	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0589	RT32059	WEB TECHNOLOGIES LAB	17	45	2
15MD1A0590	RT32051	SOFTWARE ENGINEERING	20	33	3
15MD1A0590	RT32052	DATA WARE HOUSING AND MINING	21	32	3
15MD1A0590	RT32053	COMPUTER NETWORKS	24	9	0
15MD1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	12	0
15MD1A0590	RT32055	WEB TECHNOLOGIES	23	3	0
15MD1A0590	RT32056	IPR AND PATENTS	21	31	2
15MD1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15MD1A0590	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15MD1A0590	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15MD1A0591	RT32051	SOFTWARE ENGINEERING	23	37	3
15MD1A0591	RT32052	DATA WARE HOUSING AND MINING	24	39	3
15MD1A0591	RT32053	COMPUTER NETWORKS	26	31	3
15MD1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	35	3
15MD1A0591	RT32055	WEB TECHNOLOGIES	27	30	3
15MD1A0591	RT32056	IPR AND PATENTS	22	54	2
15MD1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15MD1A0591	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15MD1A0591	RT32059	WEB TECHNOLOGIES LAB	23	40	2
15MD1A0592	RT32051	SOFTWARE ENGINEERING	25	34	3
15MD1A0592	RT32052	DATA WARE HOUSING AND MINING	27	46	3
15MD1A0592	RT32053	COMPUTER NETWORKS	26	37	3
15MD1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	43	3
15MD1A0592	RT32055	WEB TECHNOLOGIES	25	43	3
15MD1A0592	RT32056	IPR AND PATENTS	24	49	2
15MD1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15MD1A0592	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0592	RT32059	WEB TECHNOLOGIES LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0593	RT32051	SOFTWARE ENGINEERING	13	28	3
15MD1A0593	RT32052	DATA WARE HOUSING AND MINING	14	17	0
15MD1A0593	RT32053	COMPUTER NETWORKS	18	24	3
15MD1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	5	0
15MD1A0593	RT32055	WEB TECHNOLOGIES	18	7	0
15MD1A0593	RT32056	IPR AND PATENTS	18	34	2
15MD1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	40	2
15MD1A0593	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
15MD1A0593	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15MD1A0594	RT32051	SOFTWARE ENGINEERING	19	24	3
15MD1A0594	RT32052	DATA WARE HOUSING AND MINING	24	26	3
15MD1A0594	RT32053	COMPUTER NETWORKS	25	11	0
15MD1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15MD1A0594	RT32055	WEB TECHNOLOGIES	22	27	3
15MD1A0594	RT32056	IPR AND PATENTS	21	44	2
15MD1A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	49	2
15MD1A0594	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0594	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15MD1A0595	RT32051	SOFTWARE ENGINEERING	22	33	3
15MD1A0595	RT32052	DATA WARE HOUSING AND MINING	24	28	3
15MD1A0595	RT32053	COMPUTER NETWORKS	26	42	3
15MD1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15MD1A0595	RT32055	WEB TECHNOLOGIES	24	32	3
15MD1A0595	RT32056	IPR AND PATENTS	21	49	2
15MD1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A0595	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A0595	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15MD1A0596	RT32051	SOFTWARE ENGINEERING	25	33	3
15MD1A0596	RT32052	DATA WARE HOUSING AND MINING	20	40	3
15MD1A0596	RT32053	COMPUTER NETWORKS	23	30	3
15MD1A0596	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	28	3
15MD1A0596	RT32055	WEB TECHNOLOGIES	22	27	3
15MD1A0596	RT32056	IPR AND PATENTS	22	56	2
15MD1A0596	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15MD1A0596	RT32058	SOFTWARE ENGINEERING LAB	25	43	2
15MD1A0596	RT32059	WEB TECHNOLOGIES LAB	22	39	2
15MD1A0597	RT32051	SOFTWARE ENGINEERING	19	34	3
15MD1A0597	RT32052	DATA WARE HOUSING AND MINING	20	24	3
15MD1A0597	RT32053	COMPUTER NETWORKS	23	32	3
15MD1A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	19	0
15MD1A0597	RT32055	WEB TECHNOLOGIES	23	24	3
15MD1A0597	RT32056	IPR AND PATENTS	22	50	2
15MD1A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15MD1A0597	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A0597	RT32059	WEB TECHNOLOGIES LAB	18	46	2
15MD1A0598	RT32051	SOFTWARE ENGINEERING	16	24	3
15MD1A0598	RT32052	DATA WARE HOUSING AND MINING	18	24	3
15MD1A0598	RT32053	COMPUTER NETWORKS	20	3	0
15MD1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	6	0
15MD1A0598	RT32055	WEB TECHNOLOGIES	21	2	0

Htno	Subcode	Subname	Internal	External	Credits
15MD1A0598	RT32056	IPR AND PATENTS	22	27	2
15MD1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	35	2
15MD1A0598	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15MD1A0598	RT32059	WEB TECHNOLOGIES LAB	17	35	2
15MD1A0599	RT32051	SOFTWARE ENGINEERING	24	36	3
15MD1A0599	RT32052	DATA WARE HOUSING AND MINING	27	35	3
15MD1A0599	RT32053	COMPUTER NETWORKS	27	31	3
15MD1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	24	3
15MD1A0599	RT32055	WEB TECHNOLOGIES	27	11	0
15MD1A0599	RT32056	IPR AND PATENTS	23	57	2
15MD1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15MD1A0599	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A0599	RT32059	WEB TECHNOLOGIES LAB	22	48	2
15MD1A05A0	RT32051	SOFTWARE ENGINEERING	18	34	3
15MD1A05A0	RT32052	DATA WARE HOUSING AND MINING	16	38	3
15MD1A05A0	RT32053	COMPUTER NETWORKS	22	35	3
15MD1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	28	3
15MD1A05A0	RT32055	WEB TECHNOLOGIES	27	32	3
15MD1A05A0	RT32056	IPR AND PATENTS	22	59	2
15MD1A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15MD1A05A0	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A05A0	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15MD1A05A1	RT32051	SOFTWARE ENGINEERING	21	35	3
15MD1A05A1	RT32052	DATA WARE HOUSING AND MINING	27	25	3
15MD1A05A1	RT32053	COMPUTER NETWORKS	29	32	3
15MD1A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	39	3
15MD1A05A1	RT32055	WEB TECHNOLOGIES	25	39	3
15MD1A05A1	RT32056	IPR AND PATENTS	22	44	2
15MD1A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15MD1A05A1	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15MD1A05A1	RT32059	WEB TECHNOLOGIES LAB	25	43	2
15MD1A05A2	RT32051	SOFTWARE ENGINEERING	20	30	3
15MD1A05A2	RT32052	DATA WARE HOUSING AND MINING	21	33	3
15MD1A05A2	RT32053	COMPUTER NETWORKS	23	24	3
15MD1A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	26	3
15MD1A05A2	RT32055	WEB TECHNOLOGIES	22	26	3
15MD1A05A2	RT32056	IPR AND PATENTS	20	43	2
15MD1A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	40	2
15MD1A05A2	RT32058	SOFTWARE ENGINEERING LAB	23	48	2
15MD1A05A2	RT32059	WEB TECHNOLOGIES LAB	17	35	2
15MD1A05A3	RT32051	SOFTWARE ENGINEERING	15	25	3
15MD1A05A3	RT32052	DATA WARE HOUSING AND MINING	20	12	0
15MD1A05A3	RT32053	COMPUTER NETWORKS	19	24	3
15MD1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	27	3
15MD1A05A3	RT32055	WEB TECHNOLOGIES	17	5	0
15MD1A05A3	RT32056	IPR AND PATENTS	16	53	2
15MD1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
15MD1A05A3	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
15MD1A05A3	RT32059	WEB TECHNOLOGIES LAB	18	35	2
15MD1A05A4	RT32051	SOFTWARE ENGINEERING	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
15MD1A05A4	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15MD1A05A4	RT32053	COMPUTER NETWORKS	23	27	3
15MD1A05A4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	17	0
15MD1A05A4	RT32055	WEB TECHNOLOGIES	23	25	3
15MD1A05A4	RT32056	IPR AND PATENTS	23	40	2
15MD1A05A4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	45	2
15MD1A05A4	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
15MD1A05A4	RT32059	WEB TECHNOLOGIES LAB	19	47	2
15MD1A05A5	RT32051	SOFTWARE ENGINEERING	17	31	3
15MD1A05A5	RT32052	DATA WARE HOUSING AND MINING	17	14	0
15MD1A05A5	RT32053	COMPUTER NETWORKS	18	28	3
15MD1A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	5	0
15MD1A05A5	RT32055	WEB TECHNOLOGIES	23	25	3
15MD1A05A5	RT32056	IPR AND PATENTS	20	33	2
15MD1A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15MD1A05A5	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15MD1A05A5	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15MD1A05A6	RT32051	SOFTWARE ENGINEERING	16	4	0
15MD1A05A6	RT32052	DATA WARE HOUSING AND MINING	14	15	0
15MD1A05A6	RT32053	COMPUTER NETWORKS	15	5	0
15MD1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	6	0
15MD1A05A6	RT32055	WEB TECHNOLOGIES	16	9	0
15MD1A05A6	RT32056	IPR AND PATENTS	16	26	2
15MD1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	38	2
15MD1A05A6	RT32058	SOFTWARE ENGINEERING LAB	17	40	2
15MD1A05A6	RT32059	WEB TECHNOLOGIES LAB	17	45	2
15MD1A05A7	RT32051	SOFTWARE ENGINEERING	24	31	3
15MD1A05A7	RT32052	DATA WARE HOUSING AND MINING	25	29	3
15MD1A05A7	RT32053	COMPUTER NETWORKS	30	37	3
15MD1A05A7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
15MD1A05A7	RT32055	WEB TECHNOLOGIES	28	30	3
15MD1A05A7	RT32056	IPR AND PATENTS	25	50	2
15MD1A05A7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	49	2
15MD1A05A7	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A05A7	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15MD1A05A8	RT32051	SOFTWARE ENGINEERING	17	16	0
15MD1A05A8	RT32052	DATA WARE HOUSING AND MINING	15	36	3
15MD1A05A8	RT32053	COMPUTER NETWORKS	19	29	3
15MD1A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	3	0
15MD1A05A8	RT32055	WEB TECHNOLOGIES	22	10	0
15MD1A05A8	RT32056	IPR AND PATENTS	19	52	2
15MD1A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	38	2
15MD1A05A8	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15MD1A05A8	RT32059	WEB TECHNOLOGIES LAB	22	35	2
15MD1A05A9	RT32051	SOFTWARE ENGINEERING	20	35	3
15MD1A05A9	RT32052	DATA WARE HOUSING AND MINING	17	15	0
15MD1A05A9	RT32053	COMPUTER NETWORKS	22	28	3
15MD1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	14	0
15MD1A05A9	RT32055	WEB TECHNOLOGIES	16	30	3
15MD1A05A9	RT32056	IPR AND PATENTS	21	51	2

Htno	Subcode	Subname	Internal	External	Credits
15MD1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	36	2
15MD1A05A9	RT32058	SOFTWARE ENGINEERING LAB	21	48	2
15MD1A05A9	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15MD1A05B0	RT32051	SOFTWARE ENGINEERING	22	31	3
15MD1A05B0	RT32052	DATA WARE HOUSING AND MINING	22	36	3
15MD1A05B0	RT32053	COMPUTER NETWORKS	19	10	0
15MD1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	26	3
15MD1A05B0	RT32055	WEB TECHNOLOGIES	22	27	3
15MD1A05B0	RT32056	IPR AND PATENTS	20	48	2
15MD1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	41	2
15MD1A05B0	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
15MD1A05B0	RT32059	WEB TECHNOLOGIES LAB	17	46	2
15MD1A05B1	RT32051	SOFTWARE ENGINEERING	23	38	3
15MD1A05B1	RT32052	DATA WARE HOUSING AND MINING	26	35	3
15MD1A05B1	RT32053	COMPUTER NETWORKS	28	42	3
15MD1A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
15MD1A05B1	RT32055	WEB TECHNOLOGIES	25	40	3
15MD1A05B1	RT32056	IPR AND PATENTS	23	61	2
15MD1A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15MD1A05B1	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15MD1A05B1	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15MD1A05B2	RT32051	SOFTWARE ENGINEERING	20	31	3
15MD1A05B2	RT32052	DATA WARE HOUSING AND MINING	24	46	3
15MD1A05B2	RT32053	COMPUTER NETWORKS	25	28	3
15MD1A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15MD1A05B2	RT32055	WEB TECHNOLOGIES	27	43	3
15MD1A05B2	RT32056	IPR AND PATENTS	20	58	2
15MD1A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15MD1A05B2	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15MD1A05B2	RT32059	WEB TECHNOLOGIES LAB	15	48	2
15MD5A0205	RT32022	SWITCHGEAR AND PROTECTION	18	31	3
15MD5A0302	RT32034	ROBOTICS	27	31	3
15MD5A0303	RT32031	OPERATIONS RESEARCH	25	63	3
15MD5A0307	RT32034	ROBOTICS	26	34	3
15MD5A0308	RT32034	ROBOTICS	22	37	3
15MD5A0406	RT32043	DIGITAL COMMUNICATIONS	19	44	3
15MD5A0412	RT32043	DIGITAL COMMUNICATIONS	22	33	3
16MD5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	15	0
16MD5A0201	RT32022	SWITCHGEAR AND PROTECTION	24	24	3
16MD5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	41	3
16MD5A0201	RT32024	POWER SYSTEM ANALYSIS	19	35	3
16MD5A0201	RT32025	MANAGEMENT SCIENCE	26	42	3
16MD5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	23	35	3
16MD5A0201	RT32027	POWER ELECTRONICS LAB	23	44	2
16MD5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
16MD5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3
16MD5A0202	RT32022	SWITCHGEAR AND PROTECTION	22	33	3
16MD5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	37	3
16MD5A0202	RT32024	POWER SYSTEM ANALYSIS	16	24	3
16MD5A0202	RT32025	MANAGEMENT SCIENCE	28	27	3

Htno	Subcode	Subname	Internal	External	Credits
16MD5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	25	19	0
16MD5A0202	RT32027	POWER ELECTRONICS LAB	21	40	2
16MD5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	22	42	2
16MD5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	24	3
16MD5A0203	RT32022	SWITCHGEAR AND PROTECTION	23	8	0
16MD5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	12	0
16MD5A0203	RT32024	POWER SYSTEM ANALYSIS	20	27	3
16MD5A0203	RT32025	MANAGEMENT SCIENCE	26	26	3
16MD5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	24	3
16MD5A0203	RT32027	POWER ELECTRONICS LAB	21	40	2
16MD5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	21	41	2
16MD5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	14	0
16MD5A0204	RT32022	SWITCHGEAR AND PROTECTION	21	44	3
16MD5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	34	3
16MD5A0204	RT32024	POWER SYSTEM ANALYSIS	16	3	0
16MD5A0204	RT32025	MANAGEMENT SCIENCE	13	37	3
16MD5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	19	7	0
16MD5A0204	RT32027	POWER ELECTRONICS LAB	21	25	2
16MD5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	16	34	2
16MD5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	30	42	3
16MD5A0205	RT32022	SWITCHGEAR AND PROTECTION	26	57	3
16MD5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	67	3
16MD5A0205	RT32024	POWER SYSTEM ANALYSIS	26	32	3
16MD5A0205	RT32025	MANAGEMENT SCIENCE	28	49	3
16MD5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	27	41	3
16MD5A0205	RT32027	POWER ELECTRONICS LAB	25	50	2
16MD5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	50	2
16MD5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	33	3
16MD5A0206	RT32022	SWITCHGEAR AND PROTECTION	21	44	3
16MD5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	45	3
16MD5A0206	RT32024	POWER SYSTEM ANALYSIS	20	44	3
16MD5A0206	RT32025	MANAGEMENT SCIENCE	25	39	3
16MD5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	25	27	3
16MD5A0206	RT32027	POWER ELECTRONICS LAB	22	42	2
16MD5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	21	40	2
16MD5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	6	0
16MD5A0207	RT32022	SWITCHGEAR AND PROTECTION	19	11	0
16MD5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	26	3
16MD5A0207	RT32024	POWER SYSTEM ANALYSIS	15	14	0
16MD5A0207	RT32025	MANAGEMENT SCIENCE	21	26	3
16MD5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	21	24	3
16MD5A0207	RT32027	POWER ELECTRONICS LAB	20	35	2
16MD5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
16MD5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	37	3
16MD5A0208	RT32022	SWITCHGEAR AND PROTECTION	23	54	3
16MD5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	54	3
16MD5A0208	RT32024	POWER SYSTEM ANALYSIS	16	29	3
16MD5A0208	RT32025	MANAGEMENT SCIENCE	24	37	3
16MD5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	25	25	3
16MD5A0208	RT32027	POWER ELECTRONICS LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
16MD5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
16MD5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	31	3
16MD5A0209	RT32022	SWITCHGEAR AND PROTECTION	21	16	0
16MD5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	39	3
16MD5A0209	RT32024	POWER SYSTEM ANALYSIS	19	4	0
16MD5A0209	RT32025	MANAGEMENT SCIENCE	22	45	3
16MD5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	24	29	3
16MD5A0209	RT32027	POWER ELECTRONICS LAB	21	35	2
16MD5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	21	42	2
16MD5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	33	3
16MD5A0210	RT32022	SWITCHGEAR AND PROTECTION	26	26	3
16MD5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	42	3
16MD5A0210	RT32024	POWER SYSTEM ANALYSIS	21	36	3
16MD5A0210	RT32025	MANAGEMENT SCIENCE	24	38	3
16MD5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	22	25	3
16MD5A0210	RT32027	POWER ELECTRONICS LAB	22	42	2
16MD5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
16MD5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	17	0
16MD5A0211	RT32022	SWITCHGEAR AND PROTECTION	23	29	3
16MD5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	28	3
16MD5A0211	RT32024	POWER SYSTEM ANALYSIS	18	31	3
16MD5A0211	RT32025	MANAGEMENT SCIENCE	24	36	3
16MD5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	24	35	3
16MD5A0211	RT32027	POWER ELECTRONICS LAB	23	42	2
16MD5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
16MD5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	38	3
16MD5A0212	RT32022	SWITCHGEAR AND PROTECTION	22	48	3
16MD5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	48	3
16MD5A0212	RT32024	POWER SYSTEM ANALYSIS	18	35	3
16MD5A0212	RT32025	MANAGEMENT SCIENCE	26	42	3
16MD5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	20	27	3
16MD5A0212	RT32027	POWER ELECTRONICS LAB	21	40	2
16MD5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	20	43	2
16MD5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	29	3
16MD5A0213	RT32022	SWITCHGEAR AND PROTECTION	23	40	3
16MD5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	50	3
16MD5A0213	RT32024	POWER SYSTEM ANALYSIS	17	33	3
16MD5A0213	RT32025	MANAGEMENT SCIENCE	27	37	3
16MD5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	22	24	3
16MD5A0213	RT32027	POWER ELECTRONICS LAB	21	43	2
16MD5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16MD5A0301	RT32031	OPERATIONS RESEARCH	22	28	3
16MD5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	33	3
16MD5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	25	24	3
16MD5A0301	RT32034	ROBOTICS	22	35	3
16MD5A0301	RT32035	HEAT TRANSFER	26	24	3
16MD5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	30	3
16MD5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	19	40	3
16MD5A0301	RT32038	HEAT TRANSFER LAB	24	48	2
16MD5A0302	RT32031	OPERATIONS RESEARCH	25	29	3

Htno	Subcode	Subname	Internal	External	Credits
16MD5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	16	0
16MD5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	25	38	3
16MD5A0302	RT32034	ROBOTICS	21	24	3
16MD5A0302	RT32035	HEAT TRANSFER	22	25	3
16MD5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	7	0
16MD5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	20	9	0
16MD5A0302	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0303	RT32031	OPERATIONS RESEARCH	29	45	3
16MD5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	27	38	3
16MD5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	28	40	3
16MD5A0303	RT32034	ROBOTICS	28	48	3
16MD5A0303	RT32035	HEAT TRANSFER	26	29	3
16MD5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	43	3
16MD5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	20	29	3
16MD5A0303	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0304	RT32031	OPERATIONS RESEARCH	26	37	3
16MD5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	31	3
16MD5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	29	16	0
16MD5A0304	RT32034	ROBOTICS	25	48	3
16MD5A0304	RT32035	HEAT TRANSFER	28	33	3
16MD5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	45	3
16MD5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	20	26	3
16MD5A0304	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0305	RT32031	OPERATIONS RESEARCH	25	30	3
16MD5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
16MD5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	19	38	3
16MD5A0305	RT32034	ROBOTICS	20	47	3
16MD5A0305	RT32035	HEAT TRANSFER	24	24	3
16MD5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	38	3
16MD5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	22	27	3
16MD5A0305	RT32038	HEAT TRANSFER LAB	23	47	2
16MD5A0306	RT32031	OPERATIONS RESEARCH	28	49	3
16MD5A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	25	29	3
16MD5A0306	RT32033	DESIGN OF MACHINE MEMBERS II	29	65	3
16MD5A0306	RT32034	ROBOTICS	25	34	3
16MD5A0306	RT32035	HEAT TRANSFER	28	34	3
16MD5A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	26	3
16MD5A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	23	26	3
16MD5A0306	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0307	RT32031	OPERATIONS RESEARCH	24	29	3
16MD5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	33	3
16MD5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	26	44	3
16MD5A0307	RT32034	ROBOTICS	25	31	3
16MD5A0307	RT32035	HEAT TRANSFER	27	29	3
16MD5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	33	3
16MD5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	21	38	3
16MD5A0307	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0308	RT32031	OPERATIONS RESEARCH	22	51	3
16MD5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	34	3
16MD5A0308	RT32033	DESIGN OF MACHINE MEMBERS II	22	15	0

Htno	Subcode	Subname	Internal	External	Credits
16MD5A0308	RT32034	ROBOTICS	23	44	3
16MD5A0308	RT32035	HEAT TRANSFER	22	30	3
16MD5A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	47	3
16MD5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	21	36	3
16MD5A0308	RT32038	HEAT TRANSFER LAB	25	50	2
16MD5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	18	0
16MD5A0401	RT32042	DIGITAL SIGNAL PROCESSING	25	32	3
16MD5A0401	RT32043	DIGITAL COMMUNICATIONS	23	44	3
16MD5A0401	RT32044	MICROWAVE ENGINEERING	29	11	0
16MD5A0401	RT32045A	BIO MEDICAL ENGINEERING	26	36	3
16MD5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
16MD5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
16MD5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
16MD5A0401	RT32049	SEMINAR	49	0	1
16MD5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	20	0
16MD5A0402	RT32042	DIGITAL SIGNAL PROCESSING	20	13	0
16MD5A0402	RT32043	DIGITAL COMMUNICATIONS	17	34	3
16MD5A0402	RT32044	MICROWAVE ENGINEERING	27	24	3
16MD5A0402	RT32045A	BIO MEDICAL ENGINEERING	22	19	0
16MD5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
16MD5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16MD5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	47	2
16MD5A0402	RT32049	SEMINAR	48	0	1
16MD5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	12	0
16MD5A0403	RT32042	DIGITAL SIGNAL PROCESSING	28	35	3
16MD5A0403	RT32043	DIGITAL COMMUNICATIONS	18	37	3
16MD5A0403	RT32044	MICROWAVE ENGINEERING	27	36	3
16MD5A0403	RT32045A	BIO MEDICAL ENGINEERING	27	29	3
16MD5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
16MD5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
16MD5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
16MD5A0403	RT32049	SEMINAR	49	0	1
16MD5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
16MD5A0404	RT32042	DIGITAL SIGNAL PROCESSING	22	6	0
16MD5A0404	RT32043	DIGITAL COMMUNICATIONS	18	28	3
16MD5A0404	RT32044	MICROWAVE ENGINEERING	18	29	3
16MD5A0404	RT32045A	BIO MEDICAL ENGINEERING	22	10	0
16MD5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
16MD5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
16MD5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	8	35	2
16MD5A0404	RT32049	SEMINAR	42	0	1
16MD5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	8	0
16MD5A0405	RT32042	DIGITAL SIGNAL PROCESSING	21	9	0
16MD5A0405	RT32043	DIGITAL COMMUNICATIONS	12	4	0
16MD5A0405	RT32044	MICROWAVE ENGINEERING	22	2	0
16MD5A0405	RT32045A	BIO MEDICAL ENGINEERING	17	34	3
16MD5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
16MD5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	17	25	2
16MD5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	7	-1	0
16MD5A0405	RT32049	SEMINAR	0	0	0

Htno	Subcode	Subname	Internal	External	Credits
16MD5A0501	RT32051	SOFTWARE ENGINEERING	17	24	3
16MD5A0501	RT32052	DATA WARE HOUSING AND MINING	19	15	0
16MD5A0501	RT32053	COMPUTER NETWORKS	18	26	3
16MD5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	9	0
16MD5A0501	RT32055	WEB TECHNOLOGIES	19	24	3
16MD5A0501	RT32056	IPR AND PATENTS	15	35	2
16MD5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	40	2
16MD5A0501	RT32058	SOFTWARE ENGINEERING LAB	18	45	2
16MD5A0501	RT32059	WEB TECHNOLOGIES LAB	21	40	2
16MD5A0502	RT32051	SOFTWARE ENGINEERING	20	34	3
16MD5A0502	RT32052	DATA WARE HOUSING AND MINING	23	29	3
16MD5A0502	RT32053	COMPUTER NETWORKS	17	14	0
16MD5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	29	3
16MD5A0502	RT32055	WEB TECHNOLOGIES	17	27	3
16MD5A0502	RT32056	IPR AND PATENTS	21	37	2
16MD5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
16MD5A0502	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
16MD5A0502	RT32059	WEB TECHNOLOGIES LAB	16	42	2
16MD5A0503	RT32051	SOFTWARE ENGINEERING	22	37	3
16MD5A0503	RT32052	DATA WARE HOUSING AND MINING	24	30	3
16MD5A0503	RT32053	COMPUTER NETWORKS	25	38	3
16MD5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	29	3
16MD5A0503	RT32055	WEB TECHNOLOGIES	25	12	0
16MD5A0503	RT32056	IPR AND PATENTS	20	58	2
16MD5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
16MD5A0503	RT32058	SOFTWARE ENGINEERING LAB	23	49	2
16MD5A0503	RT32059	WEB TECHNOLOGIES LAB	20	44	2

**NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 11-06-2018]

**NOTE:2 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

** Note:**

* -1 in the filed of externals indicates student absent for the respective subject.

* -2 in the filed of externals indicates student Withheld for the respective subject.

* -3 in the filed of externals indicates student Malpractice for the respective subject.

Date:01-06-2018

N. Mohan Rao
Controller of Examinations