



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: GAYATHRI VIDYA PARISHAD COLL OF ENGG FOR WOMEN, VISAKHAPATNA:JG

Htno	Subcode	Subname	Internal	External	Credits
10JG1A1229	R32125	OBJECT ORIENTED ANALYSIS AND DESIGN	11	19	0
11JG1A1114	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	31	4
11JG1A1226	R32051	ADVANCED COMPUTER NETWORKS	3	31	0
11JG1A1226	R32125	OBJECT ORIENTED ANALYSIS AND DESIGN	4	0	0
12JG1A0417	R32043	DIGITAL SIGNAL PROCESSING	7	0	0
12JG1A0417	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	6	0	0
12JG1A0459	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	15	-1	0
12JG1A0461	R32026	MANAGEMENT SCIENCE	3	-1	0
12JG1A0461	R32043	DIGITAL SIGNAL PROCESSING	5	-1	0
12JG1A0461	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	6	-1	0
12JG1A0495	R32026	MANAGEMENT SCIENCE	18	26	4
12JG1A0495	R32043	DIGITAL SIGNAL PROCESSING	13	-1	0
12JG1A0499	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	6	-1	0
12JG1A04A8	R32026	MANAGEMENT SCIENCE	3	33	0
12JG1A04A8	R32042	MICROWAVE ENGINEERING	9	15	0
12JG1A04A8	R32043	DIGITAL SIGNAL PROCESSING	0	14	0
12JG1A04A8	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	9	11	0
12JG1A1231	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	9	14	0
13JG1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	32	3
13JG1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	19	-1	0
13JG1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	-1	0
13JG1A0219	RT32024	POWER SYSTEM ANALYSIS	7	-1	0
13JG1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	7	-1	0
13JG1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	10	-1	0
13JG1A0234	RT32022	SWITCHGEAR AND PROTECTION	12	-1	0
13JG1A0234	RT32024	POWER SYSTEM ANALYSIS	12	-1	0
13JG1A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	29	3
13JG1A0252	RT32022	SWITCHGEAR AND PROTECTION	10	5	0
13JG1A0252	RT32024	POWER SYSTEM ANALYSIS	14	4	0
13JG1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	9	14	0
13JG1A0411	RT32042	DIGITAL SIGNAL PROCESSING	13	26	0
13JG1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	7	29	0
13JG1A0413	RT32042	DIGITAL SIGNAL PROCESSING	10	26	0
13JG1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	14	0
13JG1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	7	6	0
13JG1A0456	RT32042	DIGITAL SIGNAL PROCESSING	10	26	0
13JG1A0456	RT32043	DIGITAL COMMUNICATIONS	14	4	0
13JG1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	26	3
13JG1A0486	RT32042	DIGITAL SIGNAL PROCESSING	12	33	3
13JG1A0486	RT32043	DIGITAL COMMUNICATIONS	14	15	0
13JG1A0486	RT32044	MICROWAVE ENGINEERING	13	0	0
13JG1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	8	-1	0
13JG1A0566	RT32052	DATA WARE HOUSING AND MINING	8	6	0
13JG1A0566	RT32055	WEB TECHNOLOGIES	9	0	0

Htno	Subcode	Subname	Internal	External	Credits
13JG1A0576	RT32055	WEB TECHNOLOGIES	23	13	0
13JG1A0576	RT32056	IPR AND PATENTS	5	42	2
13JG1A0586	RT32053	COMPUTER NETWORKS	9	-1	0
13JG1A0586	RT32055	WEB TECHNOLOGIES	8	-1	0
13JG1A1206	RT32055	WEB TECHNOLOGIES	12	28	3
13JG1A1207	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	8	29	0
13JG1A1207	RT32055	WEB TECHNOLOGIES	13	-1	0
13JG1A1215	RT32052	DATA WARE HOUSING AND MINING	13	-1	0
13JG1A1215	RT32121	SOFTWARE TESTING	16	-1	0
13JG1A1232	RT32052	DATA WARE HOUSING AND MINING	14	-1	0
13JG1A1232	RT32055	WEB TECHNOLOGIES	18	26	3
13JG1A1232	RT32056	IPR AND PATENTS	7	-1	0
13JG1A1232	RT32121	SOFTWARE TESTING	12	12	0
13JG5A0423	R32026	MANAGEMENT SCIENCE	12	26	0
13JG5A0423	R32043	DIGITAL SIGNAL PROCESSING	8	10	0
14JG1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	44	3
14JG1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	8	-1	0
14JG1A0212	RT32022	SWITCHGEAR AND PROTECTION	13	-1	0
14JG1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	-1	0
14JG1A0212	RT32024	POWER SYSTEM ANALYSIS	15	-1	0
14JG1A0212	RT32025	MANAGEMENT SCIENCE	22	30	3
14JG1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	12	0	0
14JG1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	30	3
14JG1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	12	36	3
14JG1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	23	29	2
14JG1A0220	RT32022	SWITCHGEAR AND PROTECTION	12	56	3
14JG1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	4	0
14JG1A0223	RT32024	POWER SYSTEM ANALYSIS	13	12	0
14JG1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	36	3
14JG1A0238	RT32026	POWER SEMICONDUCTOR DRIVES	8	36	3
14JG1A0402	RT32045A	BIO MEDICAL ENGINEERING	11	34	3
14JG1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	19	0
14JG1A0435	RT32042	DIGITAL SIGNAL PROCESSING	14	11	0
14JG1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	5	0
14JG1A0447	RT32042	DIGITAL SIGNAL PROCESSING	12	0	0
14JG1A0447	RT32044	MICROWAVE ENGINEERING	14	-1	0
14JG1A0447	RT32045A	BIO MEDICAL ENGINEERING	7	9	0
14JG1A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	25	0
14JG1A04A5	RT32042	DIGITAL SIGNAL PROCESSING	12	-1	0
14JG1A04B2	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
14JG1A0506	RT32051	SOFTWARE ENGINEERING	8	14	0
14JG1A0506	RT32053	COMPUTER NETWORKS	4	29	0
14JG1A0506	RT32056	IPR AND PATENTS	7	36	2
14JG1A0524	RT32055	WEB TECHNOLOGIES	15	31	3
14JG1A0531	RT32052	DATA WARE HOUSING AND MINING	14	8	0
14JG1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	14	0
14JG1A0531	RT32055	WEB TECHNOLOGIES	17	-1	0
14JG1A0532	RT32052	DATA WARE HOUSING AND MINING	10	15	0
14JG1A0532	RT32053	COMPUTER NETWORKS	19	-1	0
14JG1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	11	-1	0

Htno	Subcode	Subname	Internal	External	Credits
14JG1A0532	RT32055	WEB TECHNOLOGIES	11	-1	0
14JG1A0584	RT32055	WEB TECHNOLOGIES	24	-1	0
14JG1A0598	RT32051	SOFTWARE ENGINEERING	15	8	0
14JG1A0598	RT32052	DATA WARE HOUSING AND MINING	14	13	0
14JG1A0598	RT32053	COMPUTER NETWORKS	16	24	3
14JG1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	7	0
14JG1A0598	RT32055	WEB TECHNOLOGIES	12	14	0
14JG1A0598	RT32056	IPR AND PATENTS	21	25	2
14JG1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	29	2
14JG1A0598	RT32058	SOFTWARE ENGINEERING LAB	16	40	2
14JG1A0598	RT32059	WEB TECHNOLOGIES LAB	18	22	2
14JG1A05A0	RT32055	WEB TECHNOLOGIES	23	5	0
14JG1A1205	RT32055	WEB TECHNOLOGIES	21	12	0
14JG1A1225	RT32052	DATA WARE HOUSING AND MINING	3	-1	0
14JG1A1225	RT32053	COMPUTER NETWORKS	18	21	0
14JG1A1225	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	4	-1	0
14JG1A1225	RT32055	WEB TECHNOLOGIES	15	27	3
14JG1A1225	RT32056	IPR AND PATENTS	5	30	0
14JG1A1225	RT32121	SOFTWARE TESTING	9	3	0
14JG1A1225	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	-1	0
14JG1A1225	RT32128	SOFTWARE TESTING LAB	16	16	0
14JG1A1225	RT32129	WEB TECHNOLOGIES LAB	12	20	2
15JG1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	26	3
15JG1A0201	RT32022	SWITCHGEAR AND PROTECTION	18	45	3
15JG1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	46	3
15JG1A0201	RT32024	POWER SYSTEM ANALYSIS	26	24	3
15JG1A0201	RT32025	MANAGEMENT SCIENCE	23	45	3
15JG1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	21	58	3
15JG1A0201	RT32027	POWER ELECTRONICS LAB	24	42	2
15JG1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15JG1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	34	3
15JG1A0202	RT32022	SWITCHGEAR AND PROTECTION	20	52	3
15JG1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	70	3
15JG1A0202	RT32024	POWER SYSTEM ANALYSIS	23	51	3
15JG1A0202	RT32025	MANAGEMENT SCIENCE	26	49	3
15JG1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	21	39	3
15JG1A0202	RT32027	POWER ELECTRONICS LAB	25	45	2
15JG1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15JG1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	43	3
15JG1A0203	RT32022	SWITCHGEAR AND PROTECTION	22	57	3
15JG1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	52	3
15JG1A0203	RT32024	POWER SYSTEM ANALYSIS	24	61	3
15JG1A0203	RT32025	MANAGEMENT SCIENCE	23	67	3
15JG1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	56	3
15JG1A0203	RT32027	POWER ELECTRONICS LAB	23	45	2
15JG1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	23	41	2
15JG1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	30	3
15JG1A0204	RT32022	SWITCHGEAR AND PROTECTION	12	34	3
15JG1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	42	3
15JG1A0204	RT32024	POWER SYSTEM ANALYSIS	17	25	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0204	RT32025	MANAGEMENT SCIENCE	16	47	3
15JG1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	15	33	3
15JG1A0204	RT32027	POWER ELECTRONICS LAB	18	18	2
15JG1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	18	33	2
15JG1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	13	0
15JG1A0205	RT32022	SWITCHGEAR AND PROTECTION	12	36	3
15JG1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	32	3
15JG1A0205	RT32024	POWER SYSTEM ANALYSIS	17	14	0
15JG1A0205	RT32025	MANAGEMENT SCIENCE	18	35	3
15JG1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	10	30	3
15JG1A0205	RT32027	POWER ELECTRONICS LAB	12	20	2
15JG1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	17	26	2
15JG1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	15	0
15JG1A0206	RT32022	SWITCHGEAR AND PROTECTION	10	32	3
15JG1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	26	3
15JG1A0206	RT32024	POWER SYSTEM ANALYSIS	16	28	3
15JG1A0206	RT32025	MANAGEMENT SCIENCE	7	53	3
15JG1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	10	36	3
15JG1A0206	RT32027	POWER ELECTRONICS LAB	12	10	0
15JG1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	15	29	2
15JG1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	38	3
15JG1A0207	RT32022	SWITCHGEAR AND PROTECTION	17	40	3
15JG1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
15JG1A0207	RT32024	POWER SYSTEM ANALYSIS	18	25	3
15JG1A0207	RT32025	MANAGEMENT SCIENCE	22	57	3
15JG1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	19	40	3
15JG1A0207	RT32027	POWER ELECTRONICS LAB	20	20	2
15JG1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	22	32	2
15JG1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	34	3
15JG1A0208	RT32022	SWITCHGEAR AND PROTECTION	16	51	3
15JG1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	63	3
15JG1A0208	RT32024	POWER SYSTEM ANALYSIS	23	35	3
15JG1A0208	RT32025	MANAGEMENT SCIENCE	24	46	3
15JG1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	14	38	3
15JG1A0208	RT32027	POWER ELECTRONICS LAB	22	34	2
15JG1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15JG1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	44	3
15JG1A0209	RT32022	SWITCHGEAR AND PROTECTION	19	40	3
15JG1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	39	3
15JG1A0209	RT32024	POWER SYSTEM ANALYSIS	26	28	3
15JG1A0209	RT32025	MANAGEMENT SCIENCE	22	45	3
15JG1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	19	53	3
15JG1A0209	RT32027	POWER ELECTRONICS LAB	23	40	2
15JG1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	22	27	2
15JG1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	27	3
15JG1A0210	RT32022	SWITCHGEAR AND PROTECTION	23	30	3
15JG1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	36	3
15JG1A0210	RT32024	POWER SYSTEM ANALYSIS	22	46	3
15JG1A0210	RT32025	MANAGEMENT SCIENCE	25	49	3
15JG1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	19	32	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0210	RT32027	POWER ELECTRONICS LAB	24	44	2
15JG1A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
15JG1A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
15JG1A0211	RT32022	SWITCHGEAR AND PROTECTION	21	53	3
15JG1A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	41	3
15JG1A0211	RT32024	POWER SYSTEM ANALYSIS	18	44	3
15JG1A0211	RT32025	MANAGEMENT SCIENCE	24	42	3
15JG1A0211	RT32026	POWER SEMICONDUCTOR DRIVES	20	42	3
15JG1A0211	RT32027	POWER ELECTRONICS LAB	24	39	2
15JG1A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15JG1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	34	3
15JG1A0212	RT32022	SWITCHGEAR AND PROTECTION	22	37	3
15JG1A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	60	3
15JG1A0212	RT32024	POWER SYSTEM ANALYSIS	27	27	3
15JG1A0212	RT32025	MANAGEMENT SCIENCE	25	56	3
15JG1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	24	40	3
15JG1A0212	RT32027	POWER ELECTRONICS LAB	24	42	2
15JG1A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	23	43	2
15JG1A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	53	3
15JG1A0213	RT32022	SWITCHGEAR AND PROTECTION	22	46	3
15JG1A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	40	3
15JG1A0213	RT32024	POWER SYSTEM ANALYSIS	19	29	3
15JG1A0213	RT32025	MANAGEMENT SCIENCE	25	52	3
15JG1A0213	RT32026	POWER SEMICONDUCTOR DRIVES	25	54	3
15JG1A0213	RT32027	POWER ELECTRONICS LAB	24	46	2
15JG1A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	23	45	2
15JG1A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	44	3
15JG1A0214	RT32022	SWITCHGEAR AND PROTECTION	23	41	3
15JG1A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	26	3
15JG1A0214	RT32024	POWER SYSTEM ANALYSIS	28	31	3
15JG1A0214	RT32025	MANAGEMENT SCIENCE	29	55	3
15JG1A0214	RT32026	POWER SEMICONDUCTOR DRIVES	28	47	3
15JG1A0214	RT32027	POWER ELECTRONICS LAB	24	45	2
15JG1A0214	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
15JG1A0215	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	47	3
15JG1A0215	RT32022	SWITCHGEAR AND PROTECTION	18	45	3
15JG1A0215	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	50	3
15JG1A0215	RT32024	POWER SYSTEM ANALYSIS	25	40	3
15JG1A0215	RT32025	MANAGEMENT SCIENCE	25	43	3
15JG1A0215	RT32026	POWER SEMICONDUCTOR DRIVES	23	47	3
15JG1A0215	RT32027	POWER ELECTRONICS LAB	23	40	2
15JG1A0215	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15JG1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	42	3
15JG1A0216	RT32022	SWITCHGEAR AND PROTECTION	18	26	3
15JG1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	42	3
15JG1A0216	RT32024	POWER SYSTEM ANALYSIS	21	38	3
15JG1A0216	RT32025	MANAGEMENT SCIENCE	23	33	3
15JG1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	17	35	3
15JG1A0216	RT32027	POWER ELECTRONICS LAB	23	40	2
15JG1A0216	RT32028	ELECTRICAL MEASUREMENTS LAB	20	37	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	10	21	0
15JG1A0217	RT32022	SWITCHGEAR AND PROTECTION	15	49	3
15JG1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	26	3
15JG1A0217	RT32024	POWER SYSTEM ANALYSIS	20	24	3
15JG1A0217	RT32025	MANAGEMENT SCIENCE	19	42	3
15JG1A0217	RT32026	POWER SEMICONDUCTOR DRIVES	19	46	3
15JG1A0217	RT32027	POWER ELECTRONICS LAB	21	37	2
15JG1A0217	RT32028	ELECTRICAL MEASUREMENTS LAB	21	37	2
15JG1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	35	3
15JG1A0218	RT32022	SWITCHGEAR AND PROTECTION	21	31	3
15JG1A0218	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	56	3
15JG1A0218	RT32024	POWER SYSTEM ANALYSIS	20	13	0
15JG1A0218	RT32025	MANAGEMENT SCIENCE	27	49	3
15JG1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	19	39	3
15JG1A0218	RT32027	POWER ELECTRONICS LAB	24	43	2
15JG1A0218	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2
15JG1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	37	3
15JG1A0219	RT32022	SWITCHGEAR AND PROTECTION	22	34	3
15JG1A0219	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	50	3
15JG1A0219	RT32024	POWER SYSTEM ANALYSIS	23	47	3
15JG1A0219	RT32025	MANAGEMENT SCIENCE	27	46	3
15JG1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	22	45	3
15JG1A0219	RT32027	POWER ELECTRONICS LAB	23	46	2
15JG1A0219	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
15JG1A0220	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	44	3
15JG1A0220	RT32022	SWITCHGEAR AND PROTECTION	19	41	3
15JG1A0220	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	63	3
15JG1A0220	RT32024	POWER SYSTEM ANALYSIS	22	40	3
15JG1A0220	RT32025	MANAGEMENT SCIENCE	24	54	3
15JG1A0220	RT32026	POWER SEMICONDUCTOR DRIVES	22	40	3
15JG1A0220	RT32027	POWER ELECTRONICS LAB	24	43	2
15JG1A0220	RT32028	ELECTRICAL MEASUREMENTS LAB	21	43	2
15JG1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	17	0
15JG1A0221	RT32022	SWITCHGEAR AND PROTECTION	18	48	3
15JG1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	37	3
15JG1A0221	RT32024	POWER SYSTEM ANALYSIS	23	26	3
15JG1A0221	RT32025	MANAGEMENT SCIENCE	22	38	3
15JG1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	18	36	3
15JG1A0221	RT32027	POWER ELECTRONICS LAB	23	40	2
15JG1A0221	RT32028	ELECTRICAL MEASUREMENTS LAB	22	34	2
15JG1A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	26	3
15JG1A0222	RT32022	SWITCHGEAR AND PROTECTION	21	42	3
15JG1A0222	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	49	3
15JG1A0222	RT32024	POWER SYSTEM ANALYSIS	21	45	3
15JG1A0222	RT32025	MANAGEMENT SCIENCE	21	47	3
15JG1A0222	RT32026	POWER SEMICONDUCTOR DRIVES	18	24	3
15JG1A0222	RT32027	POWER ELECTRONICS LAB	22	40	2
15JG1A0222	RT32028	ELECTRICAL MEASUREMENTS LAB	23	44	2
15JG1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	39	3
15JG1A0223	RT32022	SWITCHGEAR AND PROTECTION	23	42	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0223	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	49	3
15JG1A0223	RT32024	POWER SYSTEM ANALYSIS	26	45	3
15JG1A0223	RT32025	MANAGEMENT SCIENCE	25	43	3
15JG1A0223	RT32026	POWER SEMICONDUCTOR DRIVES	23	51	3
15JG1A0223	RT32027	POWER ELECTRONICS LAB	23	43	2
15JG1A0223	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
15JG1A0224	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	43	3
15JG1A0224	RT32022	SWITCHGEAR AND PROTECTION	24	57	3
15JG1A0224	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	58	3
15JG1A0224	RT32024	POWER SYSTEM ANALYSIS	25	34	3
15JG1A0224	RT32025	MANAGEMENT SCIENCE	28	50	3
15JG1A0224	RT32026	POWER SEMICONDUCTOR DRIVES	25	54	3
15JG1A0224	RT32027	POWER ELECTRONICS LAB	25	40	2
15JG1A0224	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15JG1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	32	3
15JG1A0225	RT32022	SWITCHGEAR AND PROTECTION	23	44	3
15JG1A0225	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	34	3
15JG1A0225	RT32024	POWER SYSTEM ANALYSIS	25	28	3
15JG1A0225	RT32025	MANAGEMENT SCIENCE	29	52	3
15JG1A0225	RT32026	POWER SEMICONDUCTOR DRIVES	25	60	3
15JG1A0225	RT32027	POWER ELECTRONICS LAB	23	43	2
15JG1A0225	RT32028	ELECTRICAL MEASUREMENTS LAB	22	39	2
15JG1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	41	3
15JG1A0226	RT32022	SWITCHGEAR AND PROTECTION	22	43	3
15JG1A0226	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	69	3
15JG1A0226	RT32024	POWER SYSTEM ANALYSIS	22	34	3
15JG1A0226	RT32025	MANAGEMENT SCIENCE	24	62	3
15JG1A0226	RT32026	POWER SEMICONDUCTOR DRIVES	26	38	3
15JG1A0226	RT32027	POWER ELECTRONICS LAB	24	46	2
15JG1A0226	RT32028	ELECTRICAL MEASUREMENTS LAB	24	44	2
15JG1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	33	3
15JG1A0227	RT32022	SWITCHGEAR AND PROTECTION	18	30	3
15JG1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	45	3
15JG1A0227	RT32024	POWER SYSTEM ANALYSIS	23	30	3
15JG1A0227	RT32025	MANAGEMENT SCIENCE	22	39	3
15JG1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	18	40	3
15JG1A0227	RT32027	POWER ELECTRONICS LAB	23	44	2
15JG1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	20	35	2
15JG1A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	37	3
15JG1A0228	RT32022	SWITCHGEAR AND PROTECTION	19	19	0
15JG1A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	38	3
15JG1A0228	RT32024	POWER SYSTEM ANALYSIS	17	24	3
15JG1A0228	RT32025	MANAGEMENT SCIENCE	11	30	3
15JG1A0228	RT32026	POWER SEMICONDUCTOR DRIVES	19	35	3
15JG1A0228	RT32027	POWER ELECTRONICS LAB	19	36	2
15JG1A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	20	32	2
15JG1A0229	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	9	0
15JG1A0229	RT32022	SWITCHGEAR AND PROTECTION	14	44	3
15JG1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	30	3
15JG1A0229	RT32024	POWER SYSTEM ANALYSIS	16	26	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0229	RT32025	MANAGEMENT SCIENCE	18	50	3
15JG1A0229	RT32026	POWER SEMICONDUCTOR DRIVES	14	42	3
15JG1A0229	RT32027	POWER ELECTRONICS LAB	20	24	2
15JG1A0229	RT32028	ELECTRICAL MEASUREMENTS LAB	18	31	2
15JG1A0230	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	41	3
15JG1A0230	RT32022	SWITCHGEAR AND PROTECTION	17	36	3
15JG1A0230	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	44	3
15JG1A0230	RT32024	POWER SYSTEM ANALYSIS	21	39	3
15JG1A0230	RT32025	MANAGEMENT SCIENCE	25	50	3
15JG1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	20	17	0
15JG1A0230	RT32027	POWER ELECTRONICS LAB	23	36	2
15JG1A0230	RT32028	ELECTRICAL MEASUREMENTS LAB	19	39	2
15JG1A0231	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	37	3
15JG1A0231	RT32022	SWITCHGEAR AND PROTECTION	20	36	3
15JG1A0231	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	47	3
15JG1A0231	RT32024	POWER SYSTEM ANALYSIS	18	12	0
15JG1A0231	RT32025	MANAGEMENT SCIENCE	18	45	3
15JG1A0231	RT32026	POWER SEMICONDUCTOR DRIVES	16	48	3
15JG1A0231	RT32027	POWER ELECTRONICS LAB	20	32	2
15JG1A0231	RT32028	ELECTRICAL MEASUREMENTS LAB	14	35	2
15JG1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	37	3
15JG1A0232	RT32022	SWITCHGEAR AND PROTECTION	27	48	3
15JG1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	61	3
15JG1A0232	RT32024	POWER SYSTEM ANALYSIS	22	41	3
15JG1A0232	RT32025	MANAGEMENT SCIENCE	26	50	3
15JG1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	23	47	3
15JG1A0232	RT32027	POWER ELECTRONICS LAB	24	44	2
15JG1A0232	RT32028	ELECTRICAL MEASUREMENTS LAB	20	40	2
15JG1A0233	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	48	3
15JG1A0233	RT32022	SWITCHGEAR AND PROTECTION	22	43	3
15JG1A0233	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	42	3
15JG1A0233	RT32024	POWER SYSTEM ANALYSIS	23	32	3
15JG1A0233	RT32025	MANAGEMENT SCIENCE	26	53	3
15JG1A0233	RT32026	POWER SEMICONDUCTOR DRIVES	23	48	3
15JG1A0233	RT32027	POWER ELECTRONICS LAB	23	43	2
15JG1A0233	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
15JG1A0234	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	42	3
15JG1A0234	RT32022	SWITCHGEAR AND PROTECTION	16	31	3
15JG1A0234	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	38	3
15JG1A0234	RT32024	POWER SYSTEM ANALYSIS	18	24	3
15JG1A0234	RT32025	MANAGEMENT SCIENCE	22	54	3
15JG1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	19	36	3
15JG1A0234	RT32027	POWER ELECTRONICS LAB	23	22	2
15JG1A0234	RT32028	ELECTRICAL MEASUREMENTS LAB	21	35	2
15JG1A0235	RT32021	MICROPROCESSORS & MICROCONTROLLERS	26	28	3
15JG1A0235	RT32022	SWITCHGEAR AND PROTECTION	20	46	3
15JG1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	43	3
15JG1A0235	RT32024	POWER SYSTEM ANALYSIS	21	34	3
15JG1A0235	RT32025	MANAGEMENT SCIENCE	26	48	3
15JG1A0235	RT32026	POWER SEMICONDUCTOR DRIVES	18	40	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0235	RT32027	POWER ELECTRONICS LAB	22	41	2
15JG1A0235	RT32028	ELECTRICAL MEASUREMENTS LAB	21	36	2
15JG1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	38	3
15JG1A0236	RT32022	SWITCHGEAR AND PROTECTION	21	48	3
15JG1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	55	3
15JG1A0236	RT32024	POWER SYSTEM ANALYSIS	19	36	3
15JG1A0236	RT32025	MANAGEMENT SCIENCE	23	50	3
15JG1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	22	32	3
15JG1A0236	RT32027	POWER ELECTRONICS LAB	23	38	2
15JG1A0236	RT32028	ELECTRICAL MEASUREMENTS LAB	20	38	2
15JG1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	47	3
15JG1A0237	RT32022	SWITCHGEAR AND PROTECTION	23	52	3
15JG1A0237	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	43	3
15JG1A0237	RT32024	POWER SYSTEM ANALYSIS	27	27	3
15JG1A0237	RT32025	MANAGEMENT SCIENCE	29	55	3
15JG1A0237	RT32026	POWER SEMICONDUCTOR DRIVES	27	59	3
15JG1A0237	RT32027	POWER ELECTRONICS LAB	25	48	2
15JG1A0237	RT32028	ELECTRICAL MEASUREMENTS LAB	21	44	2
15JG1A0238	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	54	3
15JG1A0238	RT32022	SWITCHGEAR AND PROTECTION	22	56	3
15JG1A0238	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	57	3
15JG1A0238	RT32024	POWER SYSTEM ANALYSIS	23	16	0
15JG1A0238	RT32025	MANAGEMENT SCIENCE	25	50	3
15JG1A0238	RT32026	POWER SEMICONDUCTOR DRIVES	23	36	3
15JG1A0238	RT32027	POWER ELECTRONICS LAB	25	41	2
15JG1A0238	RT32028	ELECTRICAL MEASUREMENTS LAB	21	46	2
15JG1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	28	55	3
15JG1A0239	RT32022	SWITCHGEAR AND PROTECTION	27	58	3
15JG1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	63	3
15JG1A0239	RT32024	POWER SYSTEM ANALYSIS	25	52	3
15JG1A0239	RT32025	MANAGEMENT SCIENCE	27	58	3
15JG1A0239	RT32026	POWER SEMICONDUCTOR DRIVES	27	57	3
15JG1A0239	RT32027	POWER ELECTRONICS LAB	25	50	2
15JG1A0239	RT32028	ELECTRICAL MEASUREMENTS LAB	22	47	2
15JG1A0240	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	47	3
15JG1A0240	RT32022	SWITCHGEAR AND PROTECTION	16	50	3
15JG1A0240	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	56	3
15JG1A0240	RT32024	POWER SYSTEM ANALYSIS	21	36	3
15JG1A0240	RT32025	MANAGEMENT SCIENCE	22	55	3
15JG1A0240	RT32026	POWER SEMICONDUCTOR DRIVES	22	40	3
15JG1A0240	RT32027	POWER ELECTRONICS LAB	24	44	2
15JG1A0240	RT32028	ELECTRICAL MEASUREMENTS LAB	22	41	2
15JG1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	27	3
15JG1A0241	RT32022	SWITCHGEAR AND PROTECTION	24	44	3
15JG1A0241	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	43	3
15JG1A0241	RT32024	POWER SYSTEM ANALYSIS	25	27	3
15JG1A0241	RT32025	MANAGEMENT SCIENCE	20	46	3
15JG1A0241	RT32026	POWER SEMICONDUCTOR DRIVES	23	55	3
15JG1A0241	RT32027	POWER ELECTRONICS LAB	24	46	2
15JG1A0241	RT32028	ELECTRICAL MEASUREMENTS LAB	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	45	3
15JG1A0401	RT32042	DIGITAL SIGNAL PROCESSING	27	38	3
15JG1A0401	RT32043	DIGITAL COMMUNICATIONS	25	47	3
15JG1A0401	RT32044	MICROWAVE ENGINEERING	24	50	3
15JG1A0401	RT32045A	BIO MEDICAL ENGINEERING	20	41	3
15JG1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
15JG1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	17	48	2
15JG1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	41	2
15JG1A0401	RT32049	SEMINAR	48	0	1
15JG1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	43	3
15JG1A0402	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
15JG1A0402	RT32043	DIGITAL COMMUNICATIONS	28	44	3
15JG1A0402	RT32044	MICROWAVE ENGINEERING	18	39	3
15JG1A0402	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
15JG1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15JG1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15JG1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	37	2
15JG1A0402	RT32049	SEMINAR	46	0	1
15JG1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15JG1A0403	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15JG1A0403	RT32043	DIGITAL COMMUNICATIONS	26	58	3
15JG1A0403	RT32044	MICROWAVE ENGINEERING	24	50	3
15JG1A0403	RT32045A	BIO MEDICAL ENGINEERING	28	36	3
15JG1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15JG1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
15JG1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15JG1A0403	RT32049	SEMINAR	47	0	1
15JG1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	46	3
15JG1A0404	RT32042	DIGITAL SIGNAL PROCESSING	25	42	3
15JG1A0404	RT32043	DIGITAL COMMUNICATIONS	28	59	3
15JG1A0404	RT32044	MICROWAVE ENGINEERING	22	48	3
15JG1A0404	RT32045A	BIO MEDICAL ENGINEERING	22	33	3
15JG1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15JG1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15JG1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15JG1A0404	RT32049	SEMINAR	48	0	1
15JG1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	31	3
15JG1A0405	RT32042	DIGITAL SIGNAL PROCESSING	17	34	3
15JG1A0405	RT32043	DIGITAL COMMUNICATIONS	19	46	3
15JG1A0405	RT32044	MICROWAVE ENGINEERING	18	38	3
15JG1A0405	RT32045A	BIO MEDICAL ENGINEERING	16	29	3
15JG1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15JG1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	25	30	2
15JG1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	30	2
15JG1A0405	RT32049	SEMINAR	38	0	1
15JG1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	30	3
15JG1A0406	RT32042	DIGITAL SIGNAL PROCESSING	20	27	3
15JG1A0406	RT32043	DIGITAL COMMUNICATIONS	19	24	3
15JG1A0406	RT32044	MICROWAVE ENGINEERING	17	42	3
15JG1A0406	RT32045A	BIO MEDICAL ENGINEERING	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	33	2
15JG1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	24	43	2
15JG1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	34	2
15JG1A0406	RT32049	SEMINAR	45	0	1
15JG1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	12	0
15JG1A0407	RT32042	DIGITAL SIGNAL PROCESSING	16	14	0
15JG1A0407	RT32043	DIGITAL COMMUNICATIONS	21	36	3
15JG1A0407	RT32044	MICROWAVE ENGINEERING	17	37	3
15JG1A0407	RT32045A	BIO MEDICAL ENGINEERING	12	-1	0
15JG1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
15JG1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
15JG1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	41	2
15JG1A0407	RT32049	SEMINAR	45	0	1
15JG1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	9	0
15JG1A0408	RT32042	DIGITAL SIGNAL PROCESSING	12	42	3
15JG1A0408	RT32043	DIGITAL COMMUNICATIONS	13	39	3
15JG1A0408	RT32044	MICROWAVE ENGINEERING	10	20	0
15JG1A0408	RT32045A	BIO MEDICAL ENGINEERING	12	30	3
15JG1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	22	2
15JG1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	24	41	2
15JG1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	22	2
15JG1A0408	RT32049	SEMINAR	46	0	1
15JG1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	43	3
15JG1A0409	RT32042	DIGITAL SIGNAL PROCESSING	25	42	3
15JG1A0409	RT32043	DIGITAL COMMUNICATIONS	26	49	3
15JG1A0409	RT32044	MICROWAVE ENGINEERING	26	43	3
15JG1A0409	RT32045A	BIO MEDICAL ENGINEERING	22	39	3
15JG1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15JG1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15JG1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15JG1A0409	RT32049	SEMINAR	49	0	1
15JG1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	45	3
15JG1A0410	RT32042	DIGITAL SIGNAL PROCESSING	25	26	3
15JG1A0410	RT32043	DIGITAL COMMUNICATIONS	24	38	3
15JG1A0410	RT32044	MICROWAVE ENGINEERING	20	31	3
15JG1A0410	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15JG1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	34	2
15JG1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	25	38	2
15JG1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
15JG1A0410	RT32049	SEMINAR	41	0	1
15JG1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	35	3
15JG1A0411	RT32042	DIGITAL SIGNAL PROCESSING	22	44	3
15JG1A0411	RT32043	DIGITAL COMMUNICATIONS	26	65	3
15JG1A0411	RT32044	MICROWAVE ENGINEERING	22	46	3
15JG1A0411	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
15JG1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15JG1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	25	41	2
15JG1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15JG1A0411	RT32049	SEMINAR	48	0	1
15JG1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	24	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0412	RT32042	DIGITAL SIGNAL PROCESSING	10	33	3
15JG1A0412	RT32043	DIGITAL COMMUNICATIONS	11	36	3
15JG1A0412	RT32044	MICROWAVE ENGINEERING	7	28	0
15JG1A0412	RT32045A	BIO MEDICAL ENGINEERING	10	30	3
15JG1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	12	0
15JG1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	22	2
15JG1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	30	2
15JG1A0412	RT32049	SEMINAR	40	0	1
15JG1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	27	3
15JG1A0413	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15JG1A0413	RT32043	DIGITAL COMMUNICATIONS	26	45	3
15JG1A0413	RT32044	MICROWAVE ENGINEERING	24	34	3
15JG1A0413	RT32045A	BIO MEDICAL ENGINEERING	24	29	3
15JG1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15JG1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	25	45	2
15JG1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	41	2
15JG1A0413	RT32049	SEMINAR	48	0	1
15JG1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	5	28	0
15JG1A0414	RT32042	DIGITAL SIGNAL PROCESSING	8	16	0
15JG1A0414	RT32043	DIGITAL COMMUNICATIONS	12	28	3
15JG1A0414	RT32044	MICROWAVE ENGINEERING	8	17	0
15JG1A0414	RT32045A	BIO MEDICAL ENGINEERING	0	0	0
15JG1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	-1	0
15JG1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	17	15	0
15JG1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	20	2
15JG1A0414	RT32049	SEMINAR	38	0	1
15JG1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	36	3
15JG1A0415	RT32042	DIGITAL SIGNAL PROCESSING	26	50	3
15JG1A0415	RT32043	DIGITAL COMMUNICATIONS	28	67	3
15JG1A0415	RT32044	MICROWAVE ENGINEERING	27	50	3
15JG1A0415	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15JG1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15JG1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15JG1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A0415	RT32049	SEMINAR	49	0	1
15JG1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	49	3
15JG1A0416	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
15JG1A0416	RT32043	DIGITAL COMMUNICATIONS	26	55	3
15JG1A0416	RT32044	MICROWAVE ENGINEERING	22	58	3
15JG1A0416	RT32045A	BIO MEDICAL ENGINEERING	23	38	3
15JG1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15JG1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
15JG1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15JG1A0416	RT32049	SEMINAR	49	0	1
15JG1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	48	3
15JG1A0417	RT32042	DIGITAL SIGNAL PROCESSING	26	45	3
15JG1A0417	RT32043	DIGITAL COMMUNICATIONS	24	55	3
15JG1A0417	RT32044	MICROWAVE ENGINEERING	20	48	3
15JG1A0417	RT32045A	BIO MEDICAL ENGINEERING	27	40	3
15JG1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	36	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15JG1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	44	2
15JG1A0417	RT32049	SEMINAR	48	0	1
15JG1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	46	3
15JG1A0418	RT32042	DIGITAL SIGNAL PROCESSING	26	32	3
15JG1A0418	RT32043	DIGITAL COMMUNICATIONS	26	53	3
15JG1A0418	RT32044	MICROWAVE ENGINEERING	20	36	3
15JG1A0418	RT32045A	BIO MEDICAL ENGINEERING	25	56	3
15JG1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	41	2
15JG1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15JG1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15JG1A0418	RT32049	SEMINAR	49	0	1
15JG1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	17	0
15JG1A0419	RT32042	DIGITAL SIGNAL PROCESSING	20	29	3
15JG1A0419	RT32043	DIGITAL COMMUNICATIONS	22	36	3
15JG1A0419	RT32044	MICROWAVE ENGINEERING	7	33	3
15JG1A0419	RT32045A	BIO MEDICAL ENGINEERING	24	34	3
15JG1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	37	2
15JG1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	15	39	2
15JG1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	41	2
15JG1A0419	RT32049	SEMINAR	49	0	1
15JG1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	12	0
15JG1A0420	RT32042	DIGITAL SIGNAL PROCESSING	18	32	3
15JG1A0420	RT32043	DIGITAL COMMUNICATIONS	19	31	3
15JG1A0420	RT32044	MICROWAVE ENGINEERING	17	28	3
15JG1A0420	RT32045A	BIO MEDICAL ENGINEERING	20	32	3
15JG1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	10	0
15JG1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	21	22	2
15JG1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	20	2
15JG1A0420	RT32049	SEMINAR	44	0	1
15JG1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
15JG1A0421	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15JG1A0421	RT32043	DIGITAL COMMUNICATIONS	26	49	3
15JG1A0421	RT32044	MICROWAVE ENGINEERING	24	41	3
15JG1A0421	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
15JG1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15JG1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	24	42	2
15JG1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	44	2
15JG1A0421	RT32049	SEMINAR	47	0	1
15JG1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15JG1A0423	RT32042	DIGITAL SIGNAL PROCESSING	12	28	3
15JG1A0423	RT32043	DIGITAL COMMUNICATIONS	13	30	3
15JG1A0423	RT32044	MICROWAVE ENGINEERING	14	31	3
15JG1A0423	RT32045A	BIO MEDICAL ENGINEERING	10	19	0
15JG1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	36	2
15JG1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	18	34	2
15JG1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	20	2
15JG1A0423	RT32049	SEMINAR	40	0	1
15JG1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	47	3
15JG1A0424	RT32042	DIGITAL SIGNAL PROCESSING	25	48	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0424	RT32043	DIGITAL COMMUNICATIONS	28	51	3
15JG1A0424	RT32044	MICROWAVE ENGINEERING	19	47	3
15JG1A0424	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
15JG1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
15JG1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	24	41	2
15JG1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0424	RT32049	SEMINAR	48	0	1
15JG1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	24	3
15JG1A0425	RT32042	DIGITAL SIGNAL PROCESSING	16	45	3
15JG1A0425	RT32043	DIGITAL COMMUNICATIONS	16	25	3
15JG1A0425	RT32044	MICROWAVE ENGINEERING	16	61	3
15JG1A0425	RT32045A	BIO MEDICAL ENGINEERING	14	19	0
15JG1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	29	2
15JG1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	22	20	2
15JG1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	40	2
15JG1A0425	RT32049	SEMINAR	44	0	1
15JG1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	4	0
15JG1A0426	RT32042	DIGITAL SIGNAL PROCESSING	13	4	0
15JG1A0426	RT32043	DIGITAL COMMUNICATIONS	6	0	0
15JG1A0426	RT32044	MICROWAVE ENGINEERING	9	31	3
15JG1A0426	RT32045A	BIO MEDICAL ENGINEERING	14	27	3
15JG1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15JG1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	18	21	2
15JG1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	41	2
15JG1A0426	RT32049	SEMINAR	42	0	1
15JG1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	15	0
15JG1A0427	RT32042	DIGITAL SIGNAL PROCESSING	4	13	0
15JG1A0427	RT32043	DIGITAL COMMUNICATIONS	7	13	0
15JG1A0427	RT32044	MICROWAVE ENGINEERING	7	15	0
15JG1A0427	RT32045A	BIO MEDICAL ENGINEERING	9	0	0
15JG1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	9	0
15JG1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	14	12	0
15JG1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	20	2
15JG1A0427	RT32049	SEMINAR	45	0	1
15JG1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
15JG1A0428	RT32042	DIGITAL SIGNAL PROCESSING	25	32	3
15JG1A0428	RT32043	DIGITAL COMMUNICATIONS	25	49	3
15JG1A0428	RT32044	MICROWAVE ENGINEERING	21	52	3
15JG1A0428	RT32045A	BIO MEDICAL ENGINEERING	18	40	3
15JG1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	38	2
15JG1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	41	2
15JG1A0428	RT32049	SEMINAR	46	0	1
15JG1A0429	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	36	3
15JG1A0429	RT32042	DIGITAL SIGNAL PROCESSING	25	46	3
15JG1A0429	RT32043	DIGITAL COMMUNICATIONS	27	45	3
15JG1A0429	RT32044	MICROWAVE ENGINEERING	23	46	3
15JG1A0429	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
15JG1A0429	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15JG1A0429	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0429	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15JG1A0429	RT32049	SEMINAR	45	0	1
15JG1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	50	3
15JG1A0430	RT32042	DIGITAL SIGNAL PROCESSING	23	43	3
15JG1A0430	RT32043	DIGITAL COMMUNICATIONS	29	50	3
15JG1A0430	RT32044	MICROWAVE ENGINEERING	24	40	3
15JG1A0430	RT32045A	BIO MEDICAL ENGINEERING	22	29	3
15JG1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	43	2
15JG1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0430	RT32049	SEMINAR	45	0	1
15JG1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	37	3
15JG1A0431	RT32042	DIGITAL SIGNAL PROCESSING	20	31	3
15JG1A0431	RT32043	DIGITAL COMMUNICATIONS	16	45	3
15JG1A0431	RT32044	MICROWAVE ENGINEERING	19	37	3
15JG1A0431	RT32045A	BIO MEDICAL ENGINEERING	12	15	0
15JG1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	37	2
15JG1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	23	28	2
15JG1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	30	2
15JG1A0431	RT32049	SEMINAR	40	0	1
15JG1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
15JG1A0432	RT32042	DIGITAL SIGNAL PROCESSING	20	42	3
15JG1A0432	RT32043	DIGITAL COMMUNICATIONS	20	41	3
15JG1A0432	RT32044	MICROWAVE ENGINEERING	19	49	3
15JG1A0432	RT32045A	BIO MEDICAL ENGINEERING	19	36	3
15JG1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15JG1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	25	40	2
15JG1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	30	2
15JG1A0432	RT32049	SEMINAR	47	0	1
15JG1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	35	3
15JG1A0433	RT32042	DIGITAL SIGNAL PROCESSING	24	52	3
15JG1A0433	RT32043	DIGITAL COMMUNICATIONS	25	41	3
15JG1A0433	RT32044	MICROWAVE ENGINEERING	26	46	3
15JG1A0433	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15JG1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15JG1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15JG1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A0433	RT32049	SEMINAR	49	0	1
15JG1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	37	3
15JG1A0434	RT32042	DIGITAL SIGNAL PROCESSING	24	47	3
15JG1A0434	RT32043	DIGITAL COMMUNICATIONS	26	55	3
15JG1A0434	RT32044	MICROWAVE ENGINEERING	21	47	3
15JG1A0434	RT32045A	BIO MEDICAL ENGINEERING	23	36	3
15JG1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15JG1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15JG1A0434	RT32049	SEMINAR	48	0	1
15JG1A0435	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	30	3
15JG1A0435	RT32042	DIGITAL SIGNAL PROCESSING	12	29	3
15JG1A0435	RT32043	DIGITAL COMMUNICATIONS	10	43	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0435	RT32044	MICROWAVE ENGINEERING	9	43	3
15JG1A0435	RT32045A	BIO MEDICAL ENGINEERING	13	19	0
15JG1A0435	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	34	2
15JG1A0435	RT32047	DIGITAL COMMUNICATIONS LAB	20	33	2
15JG1A0435	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	30	2
15JG1A0435	RT32049	SEMINAR	49	0	1
15JG1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	24	3
15JG1A0436	RT32042	DIGITAL SIGNAL PROCESSING	22	27	3
15JG1A0436	RT32043	DIGITAL COMMUNICATIONS	23	38	3
15JG1A0436	RT32044	MICROWAVE ENGINEERING	19	45	3
15JG1A0436	RT32045A	BIO MEDICAL ENGINEERING	20	33	3
15JG1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	38	2
15JG1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15JG1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	45	2
15JG1A0436	RT32049	SEMINAR	44	0	1
15JG1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	27	3
15JG1A0437	RT32042	DIGITAL SIGNAL PROCESSING	20	43	3
15JG1A0437	RT32043	DIGITAL COMMUNICATIONS	22	35	3
15JG1A0437	RT32044	MICROWAVE ENGINEERING	13	43	3
15JG1A0437	RT32045A	BIO MEDICAL ENGINEERING	17	37	3
15JG1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
15JG1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	20	27	2
15JG1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	20	2
15JG1A0437	RT32049	SEMINAR	40	0	1
15JG1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	37	3
15JG1A0438	RT32042	DIGITAL SIGNAL PROCESSING	25	35	3
15JG1A0438	RT32043	DIGITAL COMMUNICATIONS	25	46	3
15JG1A0438	RT32044	MICROWAVE ENGINEERING	25	38	3
15JG1A0438	RT32045A	BIO MEDICAL ENGINEERING	24	24	3
15JG1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	37	2
15JG1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	24	44	2
15JG1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15JG1A0438	RT32049	SEMINAR	47	0	1
15JG1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	39	3
15JG1A0439	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15JG1A0439	RT32043	DIGITAL COMMUNICATIONS	26	28	3
15JG1A0439	RT32044	MICROWAVE ENGINEERING	18	26	3
15JG1A0439	RT32045A	BIO MEDICAL ENGINEERING	21	43	3
15JG1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15JG1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	23	39	2
15JG1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15JG1A0439	RT32049	SEMINAR	46	0	1
15JG1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	29	3
15JG1A0440	RT32042	DIGITAL SIGNAL PROCESSING	22	40	3
15JG1A0440	RT32043	DIGITAL COMMUNICATIONS	22	40	3
15JG1A0440	RT32044	MICROWAVE ENGINEERING	22	42	3
15JG1A0440	RT32045A	BIO MEDICAL ENGINEERING	18	33	3
15JG1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	37	2
15JG1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	22	28	2
15JG1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	40	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0440	RT32049	SEMINAR	47	0	1
15JG1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	54	3
15JG1A0441	RT32042	DIGITAL SIGNAL PROCESSING	25	59	3
15JG1A0441	RT32043	DIGITAL COMMUNICATIONS	27	47	3
15JG1A0441	RT32044	MICROWAVE ENGINEERING	18	58	3
15JG1A0441	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15JG1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15JG1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	21	49	2
15JG1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15JG1A0441	RT32049	SEMINAR	49	0	1
15JG1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15JG1A0442	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
15JG1A0442	RT32043	DIGITAL COMMUNICATIONS	26	41	3
15JG1A0442	RT32044	MICROWAVE ENGINEERING	24	54	3
15JG1A0442	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
15JG1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15JG1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	40	2
15JG1A0442	RT32049	SEMINAR	48	0	1
15JG1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	30	3
15JG1A0443	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15JG1A0443	RT32043	DIGITAL COMMUNICATIONS	27	48	3
15JG1A0443	RT32044	MICROWAVE ENGINEERING	23	46	3
15JG1A0443	RT32045A	BIO MEDICAL ENGINEERING	19	34	3
15JG1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
15JG1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15JG1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
15JG1A0443	RT32049	SEMINAR	45	0	1
15JG1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	25	3
15JG1A0444	RT32042	DIGITAL SIGNAL PROCESSING	21	43	3
15JG1A0444	RT32043	DIGITAL COMMUNICATIONS	20	45	3
15JG1A0444	RT32044	MICROWAVE ENGINEERING	18	40	3
15JG1A0444	RT32045A	BIO MEDICAL ENGINEERING	18	20	0
15JG1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15JG1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	25	43	2
15JG1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	39	2
15JG1A0444	RT32049	SEMINAR	48	0	1
15JG1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	27	3
15JG1A0445	RT32042	DIGITAL SIGNAL PROCESSING	23	42	3
15JG1A0445	RT32043	DIGITAL COMMUNICATIONS	23	36	3
15JG1A0445	RT32044	MICROWAVE ENGINEERING	22	53	3
15JG1A0445	RT32045A	BIO MEDICAL ENGINEERING	15	38	3
15JG1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	24	2
15JG1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15JG1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	40	2
15JG1A0445	RT32049	SEMINAR	42	0	1
15JG1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	52	3
15JG1A0446	RT32042	DIGITAL SIGNAL PROCESSING	23	43	3
15JG1A0446	RT32043	DIGITAL COMMUNICATIONS	27	47	3
15JG1A0446	RT32044	MICROWAVE ENGINEERING	22	52	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0446	RT32045A	BIO MEDICAL ENGINEERING	21	39	3
15JG1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	43	2
15JG1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	41	2
15JG1A0446	RT32049	SEMINAR	45	0	1
15JG1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	48	3
15JG1A0447	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15JG1A0447	RT32043	DIGITAL COMMUNICATIONS	26	46	3
15JG1A0447	RT32044	MICROWAVE ENGINEERING	24	45	3
15JG1A0447	RT32045A	BIO MEDICAL ENGINEERING	23	43	3
15JG1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15JG1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15JG1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15JG1A0447	RT32049	SEMINAR	48	0	1
15JG1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	12	0
15JG1A0448	RT32042	DIGITAL SIGNAL PROCESSING	21	44	3
15JG1A0448	RT32043	DIGITAL COMMUNICATIONS	23	45	3
15JG1A0448	RT32044	MICROWAVE ENGINEERING	22	44	3
15JG1A0448	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
15JG1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	27	2
15JG1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	22	35	2
15JG1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	27	2
15JG1A0448	RT32049	SEMINAR	46	0	1
15JG1A0450	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	14	0
15JG1A0450	RT32042	DIGITAL SIGNAL PROCESSING	18	38	3
15JG1A0450	RT32043	DIGITAL COMMUNICATIONS	17	32	3
15JG1A0450	RT32044	MICROWAVE ENGINEERING	17	37	3
15JG1A0450	RT32045A	BIO MEDICAL ENGINEERING	16	30	3
15JG1A0450	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	33	2
15JG1A0450	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
15JG1A0450	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	30	2
15JG1A0450	RT32049	SEMINAR	44	0	1
15JG1A0451	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	48	3
15JG1A0451	RT32042	DIGITAL SIGNAL PROCESSING	20	44	3
15JG1A0451	RT32043	DIGITAL COMMUNICATIONS	25	63	3
15JG1A0451	RT32044	MICROWAVE ENGINEERING	25	50	3
15JG1A0451	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
15JG1A0451	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	38	2
15JG1A0451	RT32047	DIGITAL COMMUNICATIONS LAB	22	36	2
15JG1A0451	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	35	2
15JG1A0451	RT32049	SEMINAR	49	0	1
15JG1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15JG1A0452	RT32042	DIGITAL SIGNAL PROCESSING	21	27	3
15JG1A0452	RT32043	DIGITAL COMMUNICATIONS	23	39	3
15JG1A0452	RT32044	MICROWAVE ENGINEERING	16	32	3
15JG1A0452	RT32045A	BIO MEDICAL ENGINEERING	20	10	0
15JG1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	32	2
15JG1A0452	RT32047	DIGITAL COMMUNICATIONS LAB	21	25	2
15JG1A0452	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	30	2
15JG1A0452	RT32049	SEMINAR	41	0	1

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0453	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	29	3
15JG1A0453	RT32042	DIGITAL SIGNAL PROCESSING	25	33	3
15JG1A0453	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15JG1A0453	RT32044	MICROWAVE ENGINEERING	21	41	3
15JG1A0453	RT32045A	BIO MEDICAL ENGINEERING	22	17	0
15JG1A0453	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15JG1A0453	RT32047	DIGITAL COMMUNICATIONS LAB	19	38	2
15JG1A0453	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15JG1A0453	RT32049	SEMINAR	48	0	1
15JG1A0454	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	13	0
15JG1A0454	RT32042	DIGITAL SIGNAL PROCESSING	12	45	3
15JG1A0454	RT32043	DIGITAL COMMUNICATIONS	19	28	3
15JG1A0454	RT32044	MICROWAVE ENGINEERING	12	31	3
15JG1A0454	RT32045A	BIO MEDICAL ENGINEERING	13	43	3
15JG1A0454	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	13	0
15JG1A0454	RT32047	DIGITAL COMMUNICATIONS LAB	20	25	2
15JG1A0454	RT32048	DIGITAL SIGNAL PROCESSING LAB	14	20	2
15JG1A0454	RT32049	SEMINAR	42	0	1
15JG1A0455	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	55	3
15JG1A0455	RT32042	DIGITAL SIGNAL PROCESSING	19	36	3
15JG1A0455	RT32043	DIGITAL COMMUNICATIONS	24	53	3
15JG1A0455	RT32044	MICROWAVE ENGINEERING	18	38	3
15JG1A0455	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
15JG1A0455	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
15JG1A0455	RT32047	DIGITAL COMMUNICATIONS LAB	21	39	2
15JG1A0455	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	30	2
15JG1A0455	RT32049	SEMINAR	49	0	1
15JG1A0456	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	37	3
15JG1A0456	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15JG1A0456	RT32043	DIGITAL COMMUNICATIONS	25	43	3
15JG1A0456	RT32044	MICROWAVE ENGINEERING	23	49	3
15JG1A0456	RT32045A	BIO MEDICAL ENGINEERING	23	44	3
15JG1A0456	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	42	2
15JG1A0456	RT32047	DIGITAL COMMUNICATIONS LAB	24	38	2
15JG1A0456	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	45	2
15JG1A0456	RT32049	SEMINAR	49	0	1
15JG1A0457	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	27	3
15JG1A0457	RT32042	DIGITAL SIGNAL PROCESSING	26	40	3
15JG1A0457	RT32043	DIGITAL COMMUNICATIONS	23	47	3
15JG1A0457	RT32044	MICROWAVE ENGINEERING	21	55	3
15JG1A0457	RT32045A	BIO MEDICAL ENGINEERING	22	33	3
15JG1A0457	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15JG1A0457	RT32047	DIGITAL COMMUNICATIONS LAB	25	43	2
15JG1A0457	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15JG1A0457	RT32049	SEMINAR	45	0	1
15JG1A0458	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15JG1A0458	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
15JG1A0458	RT32043	DIGITAL COMMUNICATIONS	20	27	3
15JG1A0458	RT32044	MICROWAVE ENGINEERING	18	26	3
15JG1A0458	RT32045A	BIO MEDICAL ENGINEERING	18	36	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0458	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	14	0
15JG1A0458	RT32047	DIGITAL COMMUNICATIONS LAB	20	26	2
15JG1A0458	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	45	2
15JG1A0458	RT32049	SEMINAR	46	0	1
15JG1A0459	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	49	3
15JG1A0459	RT32042	DIGITAL SIGNAL PROCESSING	24	35	3
15JG1A0459	RT32043	DIGITAL COMMUNICATIONS	21	58	3
15JG1A0459	RT32044	MICROWAVE ENGINEERING	17	35	3
15JG1A0459	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
15JG1A0459	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	33	2
15JG1A0459	RT32047	DIGITAL COMMUNICATIONS LAB	22	36	2
15JG1A0459	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15JG1A0459	RT32049	SEMINAR	49	0	1
15JG1A0460	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	35	3
15JG1A0460	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
15JG1A0460	RT32043	DIGITAL COMMUNICATIONS	26	28	3
15JG1A0460	RT32044	MICROWAVE ENGINEERING	21	28	3
15JG1A0460	RT32045A	BIO MEDICAL ENGINEERING	21	6	0
15JG1A0460	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	28	2
15JG1A0460	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15JG1A0460	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	40	2
15JG1A0460	RT32049	SEMINAR	46	0	1
15JG1A0461	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	35	3
15JG1A0461	RT32042	DIGITAL SIGNAL PROCESSING	26	40	3
15JG1A0461	RT32043	DIGITAL COMMUNICATIONS	27	51	3
15JG1A0461	RT32044	MICROWAVE ENGINEERING	28	51	3
15JG1A0461	RT32045A	BIO MEDICAL ENGINEERING	25	38	3
15JG1A0461	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	43	2
15JG1A0461	RT32047	DIGITAL COMMUNICATIONS LAB	22	48	2
15JG1A0461	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15JG1A0461	RT32049	SEMINAR	49	0	1
15JG1A0462	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	15	0
15JG1A0462	RT32042	DIGITAL SIGNAL PROCESSING	15	32	3
15JG1A0462	RT32043	DIGITAL COMMUNICATIONS	21	31	3
15JG1A0462	RT32044	MICROWAVE ENGINEERING	18	28	3
15JG1A0462	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
15JG1A0462	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15JG1A0462	RT32047	DIGITAL COMMUNICATIONS LAB	16	42	2
15JG1A0462	RT32048	DIGITAL SIGNAL PROCESSING LAB	19	39	2
15JG1A0462	RT32049	SEMINAR	40	0	1
15JG1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	36	3
15JG1A0463	RT32042	DIGITAL SIGNAL PROCESSING	26	42	3
15JG1A0463	RT32043	DIGITAL COMMUNICATIONS	27	45	3
15JG1A0463	RT32044	MICROWAVE ENGINEERING	29	41	3
15JG1A0463	RT32045A	BIO MEDICAL ENGINEERING	26	24	3
15JG1A0463	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
15JG1A0463	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15JG1A0463	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A0463	RT32049	SEMINAR	47	0	1
15JG1A0464	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	17	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0464	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15JG1A0464	RT32043	DIGITAL COMMUNICATIONS	25	43	3
15JG1A0464	RT32044	MICROWAVE ENGINEERING	26	36	3
15JG1A0464	RT32045A	BIO MEDICAL ENGINEERING	20	54	3
15JG1A0464	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	32	2
15JG1A0464	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A0464	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15JG1A0464	RT32049	SEMINAR	49	0	1
15JG1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
15JG1A0465	RT32042	DIGITAL SIGNAL PROCESSING	25	42	3
15JG1A0465	RT32043	DIGITAL COMMUNICATIONS	26	24	3
15JG1A0465	RT32044	MICROWAVE ENGINEERING	22	50	3
15JG1A0465	RT32045A	BIO MEDICAL ENGINEERING	20	31	3
15JG1A0465	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15JG1A0465	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15JG1A0465	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	42	2
15JG1A0465	RT32049	SEMINAR	42	0	1
15JG1A0466	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	34	3
15JG1A0466	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
15JG1A0466	RT32043	DIGITAL COMMUNICATIONS	27	32	3
15JG1A0466	RT32044	MICROWAVE ENGINEERING	25	34	3
15JG1A0466	RT32045A	BIO MEDICAL ENGINEERING	20	35	3
15JG1A0466	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	32	2
15JG1A0466	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A0466	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	33	2
15JG1A0466	RT32049	SEMINAR	45	0	1
15JG1A0467	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	40	3
15JG1A0467	RT32042	DIGITAL SIGNAL PROCESSING	29	37	3
15JG1A0467	RT32043	DIGITAL COMMUNICATIONS	27	61	3
15JG1A0467	RT32044	MICROWAVE ENGINEERING	28	47	3
15JG1A0467	RT32045A	BIO MEDICAL ENGINEERING	26	30	3
15JG1A0467	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15JG1A0467	RT32047	DIGITAL COMMUNICATIONS LAB	23	49	2
15JG1A0467	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15JG1A0467	RT32049	SEMINAR	49	0	1
15JG1A0468	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	30	3
15JG1A0468	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
15JG1A0468	RT32043	DIGITAL COMMUNICATIONS	21	51	3
15JG1A0468	RT32044	MICROWAVE ENGINEERING	24	42	3
15JG1A0468	RT32045A	BIO MEDICAL ENGINEERING	22	50	3
15JG1A0468	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15JG1A0468	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
15JG1A0468	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	36	2
15JG1A0468	RT32049	SEMINAR	47	0	1
15JG1A0469	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	43	3
15JG1A0469	RT32042	DIGITAL SIGNAL PROCESSING	27	52	3
15JG1A0469	RT32043	DIGITAL COMMUNICATIONS	27	53	3
15JG1A0469	RT32044	MICROWAVE ENGINEERING	30	53	3
15JG1A0469	RT32045A	BIO MEDICAL ENGINEERING	25	41	3
15JG1A0469	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	41	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0469	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15JG1A0469	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0469	RT32049	SEMINAR	47	0	1
15JG1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	45	3
15JG1A0470	RT32042	DIGITAL SIGNAL PROCESSING	26	57	3
15JG1A0470	RT32043	DIGITAL COMMUNICATIONS	27	44	3
15JG1A0470	RT32044	MICROWAVE ENGINEERING	27	51	3
15JG1A0470	RT32045A	BIO MEDICAL ENGINEERING	25	61	3
15JG1A0470	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15JG1A0470	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15JG1A0470	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A0470	RT32049	SEMINAR	46	0	1
15JG1A0471	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	43	3
15JG1A0471	RT32042	DIGITAL SIGNAL PROCESSING	29	32	3
15JG1A0471	RT32043	DIGITAL COMMUNICATIONS	27	53	3
15JG1A0471	RT32044	MICROWAVE ENGINEERING	28	41	3
15JG1A0471	RT32045A	BIO MEDICAL ENGINEERING	24	32	3
15JG1A0471	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15JG1A0471	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15JG1A0471	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15JG1A0471	RT32049	SEMINAR	46	0	1
15JG1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
15JG1A0473	RT32042	DIGITAL SIGNAL PROCESSING	27	32	3
15JG1A0473	RT32043	DIGITAL COMMUNICATIONS	27	40	3
15JG1A0473	RT32044	MICROWAVE ENGINEERING	29	37	3
15JG1A0473	RT32045A	BIO MEDICAL ENGINEERING	24	51	3
15JG1A0473	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	40	2
15JG1A0473	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15JG1A0473	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
15JG1A0473	RT32049	SEMINAR	46	0	1
15JG1A0474	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15JG1A0474	RT32042	DIGITAL SIGNAL PROCESSING	15	40	3
15JG1A0474	RT32043	DIGITAL COMMUNICATIONS	16	51	3
15JG1A0474	RT32044	MICROWAVE ENGINEERING	16	40	3
15JG1A0474	RT32045A	BIO MEDICAL ENGINEERING	17	30	3
15JG1A0474	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15JG1A0474	RT32047	DIGITAL COMMUNICATIONS LAB	21	40	2
15JG1A0474	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	23	2
15JG1A0474	RT32049	SEMINAR	40	0	1
15JG1A0475	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	10	0	0
15JG1A0475	RT32042	DIGITAL SIGNAL PROCESSING	11	29	3
15JG1A0475	RT32043	DIGITAL COMMUNICATIONS	11	9	0
15JG1A0475	RT32044	MICROWAVE ENGINEERING	15	2	0
15JG1A0475	RT32045A	BIO MEDICAL ENGINEERING	13	30	3
15JG1A0475	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	14	0
15JG1A0475	RT32047	DIGITAL COMMUNICATIONS LAB	10	10	0
15JG1A0475	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	19	2
15JG1A0475	RT32049	SEMINAR	45	0	1
15JG1A0476	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	42	3
15JG1A0476	RT32042	DIGITAL SIGNAL PROCESSING	23	44	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0476	RT32043	DIGITAL COMMUNICATIONS	28	50	3
15JG1A0476	RT32044	MICROWAVE ENGINEERING	25	49	3
15JG1A0476	RT32045A	BIO MEDICAL ENGINEERING	26	32	3
15JG1A0476	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	23	2
15JG1A0476	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0476	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	42	2
15JG1A0476	RT32049	SEMINAR	45	0	1
15JG1A0477	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	36	3
15JG1A0477	RT32042	DIGITAL SIGNAL PROCESSING	21	31	3
15JG1A0477	RT32043	DIGITAL COMMUNICATIONS	24	50	3
15JG1A0477	RT32044	MICROWAVE ENGINEERING	26	43	3
15JG1A0477	RT32045A	BIO MEDICAL ENGINEERING	18	48	3
15JG1A0477	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	23	2
15JG1A0477	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
15JG1A0477	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	35	2
15JG1A0477	RT32049	SEMINAR	42	0	1
15JG1A0478	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	39	3
15JG1A0478	RT32042	DIGITAL SIGNAL PROCESSING	26	49	3
15JG1A0478	RT32043	DIGITAL COMMUNICATIONS	25	51	3
15JG1A0478	RT32044	MICROWAVE ENGINEERING	30	54	3
15JG1A0478	RT32045A	BIO MEDICAL ENGINEERING	26	44	3
15JG1A0478	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JG1A0478	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
15JG1A0478	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15JG1A0478	RT32049	SEMINAR	48	0	1
15JG1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	9	0
15JG1A0479	RT32042	DIGITAL SIGNAL PROCESSING	19	32	3
15JG1A0479	RT32043	DIGITAL COMMUNICATIONS	17	25	3
15JG1A0479	RT32044	MICROWAVE ENGINEERING	16	28	3
15JG1A0479	RT32045A	BIO MEDICAL ENGINEERING	15	29	3
15JG1A0479	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	34	2
15JG1A0479	RT32047	DIGITAL COMMUNICATIONS LAB	15	33	2
15JG1A0479	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	17	0
15JG1A0479	RT32049	SEMINAR	40	0	1
15JG1A0480	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
15JG1A0480	RT32042	DIGITAL SIGNAL PROCESSING	26	37	3
15JG1A0480	RT32043	DIGITAL COMMUNICATIONS	27	58	3
15JG1A0480	RT32044	MICROWAVE ENGINEERING	27	42	3
15JG1A0480	RT32045A	BIO MEDICAL ENGINEERING	23	36	3
15JG1A0480	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15JG1A0480	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A0480	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15JG1A0480	RT32049	SEMINAR	43	0	1
15JG1A0481	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	45	3
15JG1A0481	RT32042	DIGITAL SIGNAL PROCESSING	26	33	3
15JG1A0481	RT32043	DIGITAL COMMUNICATIONS	27	43	3
15JG1A0481	RT32044	MICROWAVE ENGINEERING	27	44	3
15JG1A0481	RT32045A	BIO MEDICAL ENGINEERING	23	57	3
15JG1A0481	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15JG1A0481	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0481	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
15JG1A0481	RT32049	SEMINAR	48	0	1
15JG1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15JG1A0482	RT32042	DIGITAL SIGNAL PROCESSING	24	26	3
15JG1A0482	RT32043	DIGITAL COMMUNICATIONS	23	37	3
15JG1A0482	RT32044	MICROWAVE ENGINEERING	24	42	3
15JG1A0482	RT32045A	BIO MEDICAL ENGINEERING	15	34	3
15JG1A0482	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15JG1A0482	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
15JG1A0482	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
15JG1A0482	RT32049	SEMINAR	45	0	1
15JG1A0483	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	17	0
15JG1A0483	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
15JG1A0483	RT32043	DIGITAL COMMUNICATIONS	24	30	3
15JG1A0483	RT32044	MICROWAVE ENGINEERING	22	28	3
15JG1A0483	RT32045A	BIO MEDICAL ENGINEERING	16	37	3
15JG1A0483	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	38	2
15JG1A0483	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A0483	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	30	2
15JG1A0483	RT32049	SEMINAR	45	0	1
15JG1A0484	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	49	3
15JG1A0484	RT32042	DIGITAL SIGNAL PROCESSING	30	46	3
15JG1A0484	RT32043	DIGITAL COMMUNICATIONS	27	59	3
15JG1A0484	RT32044	MICROWAVE ENGINEERING	27	38	3
15JG1A0484	RT32045A	BIO MEDICAL ENGINEERING	25	36	3
15JG1A0484	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15JG1A0484	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15JG1A0484	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	44	2
15JG1A0484	RT32049	SEMINAR	45	0	1
15JG1A0485	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	38	3
15JG1A0485	RT32042	DIGITAL SIGNAL PROCESSING	26	34	3
15JG1A0485	RT32043	DIGITAL COMMUNICATIONS	28	44	3
15JG1A0485	RT32044	MICROWAVE ENGINEERING	26	38	3
15JG1A0485	RT32045A	BIO MEDICAL ENGINEERING	22	51	3
15JG1A0485	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
15JG1A0485	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0485	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15JG1A0485	RT32049	SEMINAR	47	0	1
15JG1A0486	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	29	3
15JG1A0486	RT32042	DIGITAL SIGNAL PROCESSING	26	43	3
15JG1A0486	RT32043	DIGITAL COMMUNICATIONS	26	53	3
15JG1A0486	RT32044	MICROWAVE ENGINEERING	29	58	3
15JG1A0486	RT32045A	BIO MEDICAL ENGINEERING	25	33	3
15JG1A0486	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15JG1A0486	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15JG1A0486	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0486	RT32049	SEMINAR	48	0	1
15JG1A0487	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	38	3
15JG1A0487	RT32042	DIGITAL SIGNAL PROCESSING	25	51	3
15JG1A0487	RT32043	DIGITAL COMMUNICATIONS	25	49	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0487	RT32044	MICROWAVE ENGINEERING	27	64	3
15JG1A0487	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
15JG1A0487	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	41	2
15JG1A0487	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
15JG1A0487	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	41	2
15JG1A0487	RT32049	SEMINAR	45	0	1
15JG1A0488	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3
15JG1A0488	RT32042	DIGITAL SIGNAL PROCESSING	23	43	3
15JG1A0488	RT32043	DIGITAL COMMUNICATIONS	28	58	3
15JG1A0488	RT32044	MICROWAVE ENGINEERING	26	49	3
15JG1A0488	RT32045A	BIO MEDICAL ENGINEERING	22	25	3
15JG1A0488	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15JG1A0488	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15JG1A0488	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	38	2
15JG1A0488	RT32049	SEMINAR	45	0	1
15JG1A0489	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	33	3
15JG1A0489	RT32042	DIGITAL SIGNAL PROCESSING	23	30	3
15JG1A0489	RT32043	DIGITAL COMMUNICATIONS	23	39	3
15JG1A0489	RT32044	MICROWAVE ENGINEERING	25	40	3
15JG1A0489	RT32045A	BIO MEDICAL ENGINEERING	22	34	3
15JG1A0489	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15JG1A0489	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A0489	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	34	2
15JG1A0489	RT32049	SEMINAR	48	0	1
15JG1A0490	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
15JG1A0490	RT32042	DIGITAL SIGNAL PROCESSING	25	41	3
15JG1A0490	RT32043	DIGITAL COMMUNICATIONS	28	51	3
15JG1A0490	RT32044	MICROWAVE ENGINEERING	25	47	3
15JG1A0490	RT32045A	BIO MEDICAL ENGINEERING	27	36	3
15JG1A0490	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15JG1A0490	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A0490	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0490	RT32049	SEMINAR	44	0	1
15JG1A0491	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	38	3
15JG1A0491	RT32042	DIGITAL SIGNAL PROCESSING	29	58	3
15JG1A0491	RT32043	DIGITAL COMMUNICATIONS	26	42	3
15JG1A0491	RT32044	MICROWAVE ENGINEERING	29	39	3
15JG1A0491	RT32045A	BIO MEDICAL ENGINEERING	27	33	3
15JG1A0491	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15JG1A0491	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
15JG1A0491	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	49	2
15JG1A0491	RT32049	SEMINAR	48	0	1
15JG1A0492	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	57	3
15JG1A0492	RT32042	DIGITAL SIGNAL PROCESSING	28	29	3
15JG1A0492	RT32043	DIGITAL COMMUNICATIONS	28	55	3
15JG1A0492	RT32044	MICROWAVE ENGINEERING	26	48	3
15JG1A0492	RT32045A	BIO MEDICAL ENGINEERING	27	38	3
15JG1A0492	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15JG1A0492	RT32047	DIGITAL COMMUNICATIONS LAB	21	46	2
15JG1A0492	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0492	RT32049	SEMINAR	49	0	1
15JG1A0493	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	47	3
15JG1A0493	RT32042	DIGITAL SIGNAL PROCESSING	25	30	3
15JG1A0493	RT32043	DIGITAL COMMUNICATIONS	23	51	3
15JG1A0493	RT32044	MICROWAVE ENGINEERING	18	49	3
15JG1A0493	RT32045A	BIO MEDICAL ENGINEERING	21	48	3
15JG1A0493	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	38	2
15JG1A0493	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15JG1A0493	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	27	2
15JG1A0493	RT32049	SEMINAR	45	0	1
15JG1A0494	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	29	3
15JG1A0494	RT32042	DIGITAL SIGNAL PROCESSING	24	32	3
15JG1A0494	RT32043	DIGITAL COMMUNICATIONS	26	42	3
15JG1A0494	RT32044	MICROWAVE ENGINEERING	22	40	3
15JG1A0494	RT32045A	BIO MEDICAL ENGINEERING	17	30	3
15JG1A0494	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	41	2
15JG1A0494	RT32047	DIGITAL COMMUNICATIONS LAB	17	41	2
15JG1A0494	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	38	2
15JG1A0494	RT32049	SEMINAR	42	0	1
15JG1A0495	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	33	3
15JG1A0495	RT32042	DIGITAL SIGNAL PROCESSING	24	41	3
15JG1A0495	RT32043	DIGITAL COMMUNICATIONS	28	45	3
15JG1A0495	RT32044	MICROWAVE ENGINEERING	24	51	3
15JG1A0495	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
15JG1A0495	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	35	2
15JG1A0495	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15JG1A0495	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15JG1A0495	RT32049	SEMINAR	48	0	1
15JG1A0496	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	35	3
15JG1A0496	RT32042	DIGITAL SIGNAL PROCESSING	21	34	3
15JG1A0496	RT32043	DIGITAL COMMUNICATIONS	21	29	3
15JG1A0496	RT32044	MICROWAVE ENGINEERING	19	33	3
15JG1A0496	RT32045A	BIO MEDICAL ENGINEERING	15	25	3
15JG1A0496	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	36	2
15JG1A0496	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
15JG1A0496	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	29	2
15JG1A0496	RT32049	SEMINAR	40	0	1
15JG1A0497	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	42	3
15JG1A0497	RT32042	DIGITAL SIGNAL PROCESSING	24	28	3
15JG1A0497	RT32043	DIGITAL COMMUNICATIONS	22	29	3
15JG1A0497	RT32044	MICROWAVE ENGINEERING	24	32	3
15JG1A0497	RT32045A	BIO MEDICAL ENGINEERING	24	41	3
15JG1A0497	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15JG1A0497	RT32047	DIGITAL COMMUNICATIONS LAB	23	33	2
15JG1A0497	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15JG1A0497	RT32049	SEMINAR	48	0	1
15JG1A0498	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	25	3
15JG1A0498	RT32042	DIGITAL SIGNAL PROCESSING	24	25	3
15JG1A0498	RT32043	DIGITAL COMMUNICATIONS	25	44	3
15JG1A0498	RT32044	MICROWAVE ENGINEERING	25	41	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0498	RT32045A	BIO MEDICAL ENGINEERING	16	34	3
15JG1A0498	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15JG1A0498	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A0498	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	42	2
15JG1A0498	RT32049	SEMINAR	46	0	1
15JG1A0499	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	30	3
15JG1A0499	RT32042	DIGITAL SIGNAL PROCESSING	30	52	3
15JG1A0499	RT32043	DIGITAL COMMUNICATIONS	29	44	3
15JG1A0499	RT32044	MICROWAVE ENGINEERING	30	32	3
15JG1A0499	RT32045A	BIO MEDICAL ENGINEERING	21	38	3
15JG1A0499	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
15JG1A0499	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15JG1A0499	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A0499	RT32049	SEMINAR	47	0	1
15JG1A04A0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	47	3
15JG1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	22	19	0
15JG1A04A0	RT32043	DIGITAL COMMUNICATIONS	21	46	3
15JG1A04A0	RT32044	MICROWAVE ENGINEERING	25	42	3
15JG1A04A0	RT32045A	BIO MEDICAL ENGINEERING	12	28	3
15JG1A04A0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15JG1A04A0	RT32047	DIGITAL COMMUNICATIONS LAB	19	43	2
15JG1A04A0	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15JG1A04A0	RT32049	SEMINAR	45	0	1
15JG1A04A1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	34	3
15JG1A04A1	RT32042	DIGITAL SIGNAL PROCESSING	20	30	3
15JG1A04A1	RT32043	DIGITAL COMMUNICATIONS	20	44	3
15JG1A04A1	RT32044	MICROWAVE ENGINEERING	22	45	3
15JG1A04A1	RT32045A	BIO MEDICAL ENGINEERING	17	60	3
15JG1A04A1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	35	2
15JG1A04A1	RT32047	DIGITAL COMMUNICATIONS LAB	19	40	2
15JG1A04A1	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	28	2
15JG1A04A1	RT32049	SEMINAR	44	0	1
15JG1A04A2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	33	3
15JG1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	29	41	3
15JG1A04A2	RT32043	DIGITAL COMMUNICATIONS	27	53	3
15JG1A04A2	RT32044	MICROWAVE ENGINEERING	29	58	3
15JG1A04A2	RT32045A	BIO MEDICAL ENGINEERING	24	38	3
15JG1A04A2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15JG1A04A2	RT32047	DIGITAL COMMUNICATIONS LAB	22	49	2
15JG1A04A2	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A04A2	RT32049	SEMINAR	49	0	1
15JG1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
15JG1A04A3	RT32042	DIGITAL SIGNAL PROCESSING	25	54	3
15JG1A04A3	RT32043	DIGITAL COMMUNICATIONS	27	51	3
15JG1A04A3	RT32044	MICROWAVE ENGINEERING	26	58	3
15JG1A04A3	RT32045A	BIO MEDICAL ENGINEERING	26	38	3
15JG1A04A3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15JG1A04A3	RT32047	DIGITAL COMMUNICATIONS LAB	24	50	2
15JG1A04A3	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15JG1A04A3	RT32049	SEMINAR	49	0	1

Htno	Subcode	Subname	Internal	External	Credits
15JG1A04A4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	52	3
15JG1A04A4	RT32042	DIGITAL SIGNAL PROCESSING	26	39	3
15JG1A04A4	RT32043	DIGITAL COMMUNICATIONS	27	58	3
15JG1A04A4	RT32044	MICROWAVE ENGINEERING	27	45	3
15JG1A04A4	RT32045A	BIO MEDICAL ENGINEERING	27	34	3
15JG1A04A4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15JG1A04A4	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
15JG1A04A4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
15JG1A04A4	RT32049	SEMINAR	48	0	1
15JG1A04A5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	41	3
15JG1A04A5	RT32042	DIGITAL SIGNAL PROCESSING	24	30	3
15JG1A04A5	RT32043	DIGITAL COMMUNICATIONS	24	46	3
15JG1A04A5	RT32044	MICROWAVE ENGINEERING	26	25	3
15JG1A04A5	RT32045A	BIO MEDICAL ENGINEERING	16	40	3
15JG1A04A5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15JG1A04A5	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A04A5	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15JG1A04A5	RT32049	SEMINAR	48	0	1
15JG1A04A6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	17	0
15JG1A04A6	RT32042	DIGITAL SIGNAL PROCESSING	19	25	3
15JG1A04A6	RT32043	DIGITAL COMMUNICATIONS	25	42	3
15JG1A04A6	RT32044	MICROWAVE ENGINEERING	23	45	3
15JG1A04A6	RT32045A	BIO MEDICAL ENGINEERING	15	30	3
15JG1A04A6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15JG1A04A6	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15JG1A04A6	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	39	2
15JG1A04A6	RT32049	SEMINAR	43	0	1
15JG1A04A7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	40	3
15JG1A04A7	RT32042	DIGITAL SIGNAL PROCESSING	26	47	3
15JG1A04A7	RT32043	DIGITAL COMMUNICATIONS	29	50	3
15JG1A04A7	RT32044	MICROWAVE ENGINEERING	25	42	3
15JG1A04A7	RT32045A	BIO MEDICAL ENGINEERING	24	36	3
15JG1A04A7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15JG1A04A7	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15JG1A04A7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15JG1A04A7	RT32049	SEMINAR	46	0	1
15JG1A04A8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	44	3
15JG1A04A8	RT32042	DIGITAL SIGNAL PROCESSING	25	45	3
15JG1A04A8	RT32043	DIGITAL COMMUNICATIONS	25	43	3
15JG1A04A8	RT32044	MICROWAVE ENGINEERING	23	51	3
15JG1A04A8	RT32045A	BIO MEDICAL ENGINEERING	23	34	3
15JG1A04A8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
15JG1A04A8	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
15JG1A04A8	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	43	2
15JG1A04A8	RT32049	SEMINAR	47	0	1
15JG1A04A9	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	48	3
15JG1A04A9	RT32042	DIGITAL SIGNAL PROCESSING	26	31	3
15JG1A04A9	RT32043	DIGITAL COMMUNICATIONS	23	54	3
15JG1A04A9	RT32044	MICROWAVE ENGINEERING	27	42	3
15JG1A04A9	RT32045A	BIO MEDICAL ENGINEERING	21	70	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A04A9	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	39	2
15JG1A04A9	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A04A9	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	41	2
15JG1A04A9	RT32049	SEMINAR	48	0	1
15JG1A04B0	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	16	0
15JG1A04B0	RT32042	DIGITAL SIGNAL PROCESSING	16	34	3
15JG1A04B0	RT32043	DIGITAL COMMUNICATIONS	19	45	3
15JG1A04B0	RT32044	MICROWAVE ENGINEERING	19	36	3
15JG1A04B0	RT32045A	BIO MEDICAL ENGINEERING	16	34	3
15JG1A04B0	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	36	2
15JG1A04B0	RT32047	DIGITAL COMMUNICATIONS LAB	15	42	2
15JG1A04B0	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	38	2
15JG1A04B0	RT32049	SEMINAR	42	0	1
15JG1A04B1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	28	3
15JG1A04B1	RT32042	DIGITAL SIGNAL PROCESSING	20	42	3
15JG1A04B1	RT32043	DIGITAL COMMUNICATIONS	23	29	3
15JG1A04B1	RT32044	MICROWAVE ENGINEERING	25	47	3
15JG1A04B1	RT32045A	BIO MEDICAL ENGINEERING	17	37	3
15JG1A04B1	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15JG1A04B1	RT32047	DIGITAL COMMUNICATIONS LAB	22	41	2
15JG1A04B1	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	31	2
15JG1A04B1	RT32049	SEMINAR	45	0	1
15JG1A04B2	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	4	0
15JG1A04B2	RT32042	DIGITAL SIGNAL PROCESSING	19	11	0
15JG1A04B2	RT32043	DIGITAL COMMUNICATIONS	15	4	0
15JG1A04B2	RT32044	MICROWAVE ENGINEERING	18	26	3
15JG1A04B2	RT32045A	BIO MEDICAL ENGINEERING	15	25	3
15JG1A04B2	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	33	2
15JG1A04B2	RT32047	DIGITAL COMMUNICATIONS LAB	14	37	2
15JG1A04B2	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	10	0
15JG1A04B2	RT32049	SEMINAR	38	0	1
15JG1A04B3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	30	3
15JG1A04B3	RT32042	DIGITAL SIGNAL PROCESSING	17	26	3
15JG1A04B3	RT32043	DIGITAL COMMUNICATIONS	16	42	3
15JG1A04B3	RT32044	MICROWAVE ENGINEERING	21	29	3
15JG1A04B3	RT32045A	BIO MEDICAL ENGINEERING	17	47	3
15JG1A04B3	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	16	0
15JG1A04B3	RT32047	DIGITAL COMMUNICATIONS LAB	18	18	2
15JG1A04B3	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	23	2
15JG1A04B3	RT32049	SEMINAR	40	0	1
15JG1A04B4	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15JG1A04B4	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
15JG1A04B4	RT32043	DIGITAL COMMUNICATIONS	24	41	3
15JG1A04B4	RT32044	MICROWAVE ENGINEERING	25	44	3
15JG1A04B4	RT32045A	BIO MEDICAL ENGINEERING	14	29	3
15JG1A04B4	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	34	2
15JG1A04B4	RT32047	DIGITAL COMMUNICATIONS LAB	21	36	2
15JG1A04B4	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	34	2
15JG1A04B4	RT32049	SEMINAR	40	0	1
15JG1A04B5	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	32	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A04B5	RT32042	DIGITAL SIGNAL PROCESSING	22	34	3
15JG1A04B5	RT32043	DIGITAL COMMUNICATIONS	26	32	3
15JG1A04B5	RT32044	MICROWAVE ENGINEERING	22	40	3
15JG1A04B5	RT32045A	BIO MEDICAL ENGINEERING	16	33	3
15JG1A04B5	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	36	2
15JG1A04B5	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
15JG1A04B5	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	37	2
15JG1A04B5	RT32049	SEMINAR	44	0	1
15JG1A04B6	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	50	3
15JG1A04B6	RT32042	DIGITAL SIGNAL PROCESSING	27	49	3
15JG1A04B6	RT32043	DIGITAL COMMUNICATIONS	28	49	3
15JG1A04B6	RT32044	MICROWAVE ENGINEERING	28	47	3
15JG1A04B6	RT32045A	BIO MEDICAL ENGINEERING	25	30	3
15JG1A04B6	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15JG1A04B6	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
15JG1A04B6	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	50	2
15JG1A04B6	RT32049	SEMINAR	48	0	1
15JG1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	34	3
15JG1A04B7	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
15JG1A04B7	RT32043	DIGITAL COMMUNICATIONS	27	48	3
15JG1A04B7	RT32044	MICROWAVE ENGINEERING	20	37	3
15JG1A04B7	RT32045A	BIO MEDICAL ENGINEERING	18	47	3
15JG1A04B7	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	31	2
15JG1A04B7	RT32047	DIGITAL COMMUNICATIONS LAB	18	40	2
15JG1A04B7	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	42	2
15JG1A04B7	RT32049	SEMINAR	45	0	1
15JG1A04B8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
15JG1A04B8	RT32042	DIGITAL SIGNAL PROCESSING	28	42	3
15JG1A04B8	RT32043	DIGITAL COMMUNICATIONS	27	46	3
15JG1A04B8	RT32044	MICROWAVE ENGINEERING	25	58	3
15JG1A04B8	RT32045A	BIO MEDICAL ENGINEERING	25	43	3
15JG1A04B8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JG1A04B8	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
15JG1A04B8	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
15JG1A04B8	RT32049	SEMINAR	49	0	1
15JG1A0501	RT32051	SOFTWARE ENGINEERING	25	48	3
15JG1A0501	RT32052	DATA WARE HOUSING AND MINING	25	43	3
15JG1A0501	RT32053	COMPUTER NETWORKS	28	29	3
15JG1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	52	3
15JG1A0501	RT32055	WEB TECHNOLOGIES	29	36	3
15JG1A0501	RT32056	IPR AND PATENTS	26	52	2
15JG1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15JG1A0501	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15JG1A0501	RT32059	WEB TECHNOLOGIES LAB	23	50	2
15JG1A0502	RT32051	SOFTWARE ENGINEERING	21	58	3
15JG1A0502	RT32052	DATA WARE HOUSING AND MINING	25	27	3
15JG1A0502	RT32053	COMPUTER NETWORKS	26	35	3
15JG1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	42	3
15JG1A0502	RT32055	WEB TECHNOLOGIES	24	46	3
15JG1A0502	RT32056	IPR AND PATENTS	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15JG1A0502	RT32058	SOFTWARE ENGINEERING LAB	24	40	2
15JG1A0502	RT32059	WEB TECHNOLOGIES LAB	21	44	2
15JG1A0503	RT32051	SOFTWARE ENGINEERING	16	24	3
15JG1A0503	RT32052	DATA WARE HOUSING AND MINING	15	11	0
15JG1A0503	RT32053	COMPUTER NETWORKS	15	27	3
15JG1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	17	0
15JG1A0503	RT32055	WEB TECHNOLOGIES	12	28	3
15JG1A0503	RT32056	IPR AND PATENTS	9	31	2
15JG1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	25	2
15JG1A0503	RT32058	SOFTWARE ENGINEERING LAB	20	33	2
15JG1A0503	RT32059	WEB TECHNOLOGIES LAB	19	32	2
15JG1A0504	RT32051	SOFTWARE ENGINEERING	25	9	0
15JG1A0504	RT32052	DATA WARE HOUSING AND MINING	19	15	0
15JG1A0504	RT32053	COMPUTER NETWORKS	21	36	3
15JG1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	17	0
15JG1A0504	RT32055	WEB TECHNOLOGIES	18	40	3
15JG1A0504	RT32056	IPR AND PATENTS	21	26	2
15JG1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	41	2
15JG1A0504	RT32058	SOFTWARE ENGINEERING LAB	23	36	2
15JG1A0504	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15JG1A0505	RT32051	SOFTWARE ENGINEERING	18	47	3
15JG1A0505	RT32052	DATA WARE HOUSING AND MINING	20	37	3
15JG1A0505	RT32053	COMPUTER NETWORKS	27	30	3
15JG1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	40	3
15JG1A0505	RT32055	WEB TECHNOLOGIES	26	37	3
15JG1A0505	RT32056	IPR AND PATENTS	21	49	2
15JG1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15JG1A0505	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15JG1A0505	RT32059	WEB TECHNOLOGIES LAB	23	41	2
15JG1A0506	RT32051	SOFTWARE ENGINEERING	25	54	3
15JG1A0506	RT32052	DATA WARE HOUSING AND MINING	24	24	3
15JG1A0506	RT32053	COMPUTER NETWORKS	15	37	3
15JG1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15JG1A0506	RT32055	WEB TECHNOLOGIES	19	36	3
15JG1A0506	RT32056	IPR AND PATENTS	22	41	2
15JG1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	40	2
15JG1A0506	RT32058	SOFTWARE ENGINEERING LAB	21	35	2
15JG1A0506	RT32059	WEB TECHNOLOGIES LAB	22	30	2
15JG1A0507	RT32051	SOFTWARE ENGINEERING	17	14	0
15JG1A0507	RT32052	DATA WARE HOUSING AND MINING	19	11	0
15JG1A0507	RT32053	COMPUTER NETWORKS	17	28	3
15JG1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	31	3
15JG1A0507	RT32055	WEB TECHNOLOGIES	13	12	0
15JG1A0507	RT32056	IPR AND PATENTS	12	17	0
15JG1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	25	2
15JG1A0507	RT32058	SOFTWARE ENGINEERING LAB	20	43	2
15JG1A0507	RT32059	WEB TECHNOLOGIES LAB	16	40	2
15JG1A0508	RT32051	SOFTWARE ENGINEERING	18	12	0
15JG1A0508	RT32052	DATA WARE HOUSING AND MINING	17	26	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0508	RT32053	COMPUTER NETWORKS	22	26	3
15JG1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15JG1A0508	RT32055	WEB TECHNOLOGIES	17	29	3
15JG1A0508	RT32056	IPR AND PATENTS	23	25	2
15JG1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	25	2
15JG1A0508	RT32058	SOFTWARE ENGINEERING LAB	20	36	2
15JG1A0508	RT32059	WEB TECHNOLOGIES LAB	17	33	2
15JG1A0509	RT32051	SOFTWARE ENGINEERING	19	24	3
15JG1A0509	RT32052	DATA WARE HOUSING AND MINING	20	33	3
15JG1A0509	RT32053	COMPUTER NETWORKS	23	24	3
15JG1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	24	3
15JG1A0509	RT32055	WEB TECHNOLOGIES	23	36	3
15JG1A0509	RT32056	IPR AND PATENTS	23	36	2
15JG1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15JG1A0509	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15JG1A0509	RT32059	WEB TECHNOLOGIES LAB	19	41	2
15JG1A0510	RT32051	SOFTWARE ENGINEERING	21	56	3
15JG1A0510	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15JG1A0510	RT32053	COMPUTER NETWORKS	25	41	3
15JG1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	41	3
15JG1A0510	RT32055	WEB TECHNOLOGIES	28	43	3
15JG1A0510	RT32056	IPR AND PATENTS	21	44	2
15JG1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	37	2
15JG1A0510	RT32058	SOFTWARE ENGINEERING LAB	23	40	2
15JG1A0510	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15JG1A0511	RT32051	SOFTWARE ENGINEERING	28	33	3
15JG1A0511	RT32052	DATA WARE HOUSING AND MINING	27	46	3
15JG1A0511	RT32053	COMPUTER NETWORKS	29	44	3
15JG1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	35	3
15JG1A0511	RT32055	WEB TECHNOLOGIES	26	54	3
15JG1A0511	RT32056	IPR AND PATENTS	23	44	2
15JG1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A0511	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A0511	RT32059	WEB TECHNOLOGIES LAB	25	44	2
15JG1A0512	RT32051	SOFTWARE ENGINEERING	24	49	3
15JG1A0512	RT32052	DATA WARE HOUSING AND MINING	23	26	3
15JG1A0512	RT32053	COMPUTER NETWORKS	25	48	3
15JG1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	33	3
15JG1A0512	RT32055	WEB TECHNOLOGIES	25	55	3
15JG1A0512	RT32056	IPR AND PATENTS	24	33	2
15JG1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	28	2
15JG1A0512	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15JG1A0512	RT32059	WEB TECHNOLOGIES LAB	24	48	2
15JG1A0513	RT32051	SOFTWARE ENGINEERING	16	42	3
15JG1A0513	RT32052	DATA WARE HOUSING AND MINING	16	31	3
15JG1A0513	RT32053	COMPUTER NETWORKS	19	26	3
15JG1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3
15JG1A0513	RT32055	WEB TECHNOLOGIES	19	39	3
15JG1A0513	RT32056	IPR AND PATENTS	10	39	2
15JG1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	23	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0513	RT32058	SOFTWARE ENGINEERING LAB	23	35	2
15JG1A0513	RT32059	WEB TECHNOLOGIES LAB	19	35	2
15JG1A0514	RT32051	SOFTWARE ENGINEERING	20	56	3
15JG1A0514	RT32052	DATA WARE HOUSING AND MINING	24	29	3
15JG1A0514	RT32053	COMPUTER NETWORKS	25	46	3
15JG1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	46	3
15JG1A0514	RT32055	WEB TECHNOLOGIES	26	43	3
15JG1A0514	RT32056	IPR AND PATENTS	23	42	2
15JG1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15JG1A0514	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
15JG1A0514	RT32059	WEB TECHNOLOGIES LAB	24	43	2
15JG1A0515	RT32051	SOFTWARE ENGINEERING	16	31	3
15JG1A0515	RT32052	DATA WARE HOUSING AND MINING	17	40	3
15JG1A0515	RT32053	COMPUTER NETWORKS	20	28	3
15JG1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	32	3
15JG1A0515	RT32055	WEB TECHNOLOGIES	14	30	3
15JG1A0515	RT32056	IPR AND PATENTS	19	43	2
15JG1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	25	2
15JG1A0515	RT32058	SOFTWARE ENGINEERING LAB	21	32	2
15JG1A0515	RT32059	WEB TECHNOLOGIES LAB	19	27	2
15JG1A0516	RT32051	SOFTWARE ENGINEERING	14	15	0
15JG1A0516	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15JG1A0516	RT32053	COMPUTER NETWORKS	13	20	0
15JG1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	4	0
15JG1A0516	RT32055	WEB TECHNOLOGIES	13	36	3
15JG1A0516	RT32056	IPR AND PATENTS	12	28	2
15JG1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	26	2
15JG1A0516	RT32058	SOFTWARE ENGINEERING LAB	19	29	2
15JG1A0516	RT32059	WEB TECHNOLOGIES LAB	17	33	2
15JG1A0517	RT32051	SOFTWARE ENGINEERING	20	38	3
15JG1A0517	RT32052	DATA WARE HOUSING AND MINING	16	37	3
15JG1A0517	RT32053	COMPUTER NETWORKS	25	26	3
15JG1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	42	3
15JG1A0517	RT32055	WEB TECHNOLOGIES	21	34	3
15JG1A0517	RT32056	IPR AND PATENTS	19	43	2
15JG1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	25	2
15JG1A0517	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15JG1A0517	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15JG1A0518	RT32051	SOFTWARE ENGINEERING	23	61	3
15JG1A0518	RT32052	DATA WARE HOUSING AND MINING	20	30	3
15JG1A0518	RT32053	COMPUTER NETWORKS	17	40	3
15JG1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	40	3
15JG1A0518	RT32055	WEB TECHNOLOGIES	22	42	3
15JG1A0518	RT32056	IPR AND PATENTS	23	42	2
15JG1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	23	2
15JG1A0518	RT32058	SOFTWARE ENGINEERING LAB	24	40	2
15JG1A0518	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15JG1A0519	RT32051	SOFTWARE ENGINEERING	8	25	0
15JG1A0519	RT32052	DATA WARE HOUSING AND MINING	14	36	3
15JG1A0519	RT32053	COMPUTER NETWORKS	16	19	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	5	35	3
15JG1A0519	RT32055	WEB TECHNOLOGIES	11	14	0
15JG1A0519	RT32056	IPR AND PATENTS	19	41	2
15JG1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	22	2
15JG1A0519	RT32058	SOFTWARE ENGINEERING LAB	18	25	2
15JG1A0519	RT32059	WEB TECHNOLOGIES LAB	16	33	2
15JG1A0520	RT32051	SOFTWARE ENGINEERING	27	56	3
15JG1A0520	RT32052	DATA WARE HOUSING AND MINING	28	33	3
15JG1A0520	RT32053	COMPUTER NETWORKS	29	59	3
15JG1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	37	3
15JG1A0520	RT32055	WEB TECHNOLOGIES	27	58	3
15JG1A0520	RT32056	IPR AND PATENTS	25	57	2
15JG1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A0520	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A0520	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15JG1A0521	RT32051	SOFTWARE ENGINEERING	14	40	3
15JG1A0521	RT32052	DATA WARE HOUSING AND MINING	17	34	3
15JG1A0521	RT32053	COMPUTER NETWORKS	20	28	3
15JG1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	38	3
15JG1A0521	RT32055	WEB TECHNOLOGIES	16	32	3
15JG1A0521	RT32056	IPR AND PATENTS	20	44	2
15JG1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	48	2
15JG1A0521	RT32058	SOFTWARE ENGINEERING LAB	22	37	2
15JG1A0521	RT32059	WEB TECHNOLOGIES LAB	23	28	2
15JG1A0522	RT32051	SOFTWARE ENGINEERING	26	65	3
15JG1A0522	RT32052	DATA WARE HOUSING AND MINING	25	38	3
15JG1A0522	RT32053	COMPUTER NETWORKS	24	48	3
15JG1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15JG1A0522	RT32055	WEB TECHNOLOGIES	25	47	3
15JG1A0522	RT32056	IPR AND PATENTS	23	49	2
15JG1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A0522	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15JG1A0522	RT32059	WEB TECHNOLOGIES LAB	21	42	2
15JG1A0523	RT32051	SOFTWARE ENGINEERING	26	37	3
15JG1A0523	RT32052	DATA WARE HOUSING AND MINING	24	50	3
15JG1A0523	RT32053	COMPUTER NETWORKS	26	47	3
15JG1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15JG1A0523	RT32055	WEB TECHNOLOGIES	27	54	3
15JG1A0523	RT32056	IPR AND PATENTS	25	50	2
15JG1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A0523	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A0523	RT32059	WEB TECHNOLOGIES LAB	22	41	2
15JG1A0524	RT32051	SOFTWARE ENGINEERING	22	58	3
15JG1A0524	RT32052	DATA WARE HOUSING AND MINING	21	27	3
15JG1A0524	RT32053	COMPUTER NETWORKS	20	32	3
15JG1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	33	3
15JG1A0524	RT32055	WEB TECHNOLOGIES	24	42	3
15JG1A0524	RT32056	IPR AND PATENTS	21	43	2
15JG1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	36	2
15JG1A0524	RT32058	SOFTWARE ENGINEERING LAB	24	50	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0524	RT32059	WEB TECHNOLOGIES LAB	21	41	2
15JG1A0525	RT32051	SOFTWARE ENGINEERING	22	44	3
15JG1A0525	RT32052	DATA WARE HOUSING AND MINING	22	41	3
15JG1A0525	RT32053	COMPUTER NETWORKS	25	32	3
15JG1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
15JG1A0525	RT32055	WEB TECHNOLOGIES	26	42	3
15JG1A0525	RT32056	IPR AND PATENTS	24	51	2
15JG1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
15JG1A0525	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A0525	RT32059	WEB TECHNOLOGIES LAB	22	36	2
15JG1A0526	RT32051	SOFTWARE ENGINEERING	18	54	3
15JG1A0526	RT32052	DATA WARE HOUSING AND MINING	18	30	3
15JG1A0526	RT32053	COMPUTER NETWORKS	24	31	3
15JG1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	40	3
15JG1A0526	RT32055	WEB TECHNOLOGIES	22	42	3
15JG1A0526	RT32056	IPR AND PATENTS	22	27	2
15JG1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	37	2
15JG1A0526	RT32058	SOFTWARE ENGINEERING LAB	24	38	2
15JG1A0526	RT32059	WEB TECHNOLOGIES LAB	20	33	2
15JG1A0527	RT32051	SOFTWARE ENGINEERING	20	24	3
15JG1A0527	RT32052	DATA WARE HOUSING AND MINING	20	41	3
15JG1A0527	RT32053	COMPUTER NETWORKS	18	33	3
15JG1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	31	3
15JG1A0527	RT32055	WEB TECHNOLOGIES	24	43	3
15JG1A0527	RT32056	IPR AND PATENTS	19	42	2
15JG1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	36	2
15JG1A0527	RT32058	SOFTWARE ENGINEERING LAB	18	31	2
15JG1A0527	RT32059	WEB TECHNOLOGIES LAB	20	37	2
15JG1A0528	RT32051	SOFTWARE ENGINEERING	20	31	3
15JG1A0528	RT32052	DATA WARE HOUSING AND MINING	18	32	3
15JG1A0528	RT32053	COMPUTER NETWORKS	22	43	3
15JG1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	10	0
15JG1A0528	RT32055	WEB TECHNOLOGIES	23	44	3
15JG1A0528	RT32056	IPR AND PATENTS	22	44	2
15JG1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	32	2
15JG1A0528	RT32058	SOFTWARE ENGINEERING LAB	22	35	2
15JG1A0528	RT32059	WEB TECHNOLOGIES LAB	20	33	2
15JG1A0529	RT32051	SOFTWARE ENGINEERING	21	46	3
15JG1A0529	RT32052	DATA WARE HOUSING AND MINING	24	35	3
15JG1A0529	RT32053	COMPUTER NETWORKS	22	24	3
15JG1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
15JG1A0529	RT32055	WEB TECHNOLOGIES	23	38	3
15JG1A0529	RT32056	IPR AND PATENTS	24	50	2
15JG1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	38	2
15JG1A0529	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A0529	RT32059	WEB TECHNOLOGIES LAB	23	39	2
15JG1A0531	RT32051	SOFTWARE ENGINEERING	24	58	3
15JG1A0531	RT32052	DATA WARE HOUSING AND MINING	22	25	3
15JG1A0531	RT32053	COMPUTER NETWORKS	22	36	3
15JG1A0531	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	40	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0531	RT32055	WEB TECHNOLOGIES	27	39	3
15JG1A0531	RT32056	IPR AND PATENTS	18	53	2
15JG1A0531	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15JG1A0531	RT32058	SOFTWARE ENGINEERING LAB	24	40	2
15JG1A0531	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15JG1A0532	RT32051	SOFTWARE ENGINEERING	21	16	0
15JG1A0532	RT32052	DATA WARE HOUSING AND MINING	18	37	3
15JG1A0532	RT32053	COMPUTER NETWORKS	23	28	3
15JG1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	15	0
15JG1A0532	RT32055	WEB TECHNOLOGIES	22	40	3
15JG1A0532	RT32056	IPR AND PATENTS	23	38	2
15JG1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15JG1A0532	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15JG1A0532	RT32059	WEB TECHNOLOGIES LAB	24	39	2
15JG1A0533	RT32051	SOFTWARE ENGINEERING	13	31	3
15JG1A0533	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15JG1A0533	RT32053	COMPUTER NETWORKS	13	27	3
15JG1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	8	0
15JG1A0533	RT32055	WEB TECHNOLOGIES	16	26	3
15JG1A0533	RT32056	IPR AND PATENTS	18	33	2
15JG1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	23	2
15JG1A0533	RT32058	SOFTWARE ENGINEERING LAB	21	32	2
15JG1A0533	RT32059	WEB TECHNOLOGIES LAB	20	32	2
15JG1A0534	RT32051	SOFTWARE ENGINEERING	16	29	3
15JG1A0534	RT32052	DATA WARE HOUSING AND MINING	13	35	3
15JG1A0534	RT32053	COMPUTER NETWORKS	13	13	0
15JG1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15JG1A0534	RT32055	WEB TECHNOLOGIES	16	34	3
15JG1A0534	RT32056	IPR AND PATENTS	24	42	2
15JG1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	40	2
15JG1A0534	RT32058	SOFTWARE ENGINEERING LAB	20	32	2
15JG1A0534	RT32059	WEB TECHNOLOGIES LAB	19	28	2
15JG1A0535	RT32051	SOFTWARE ENGINEERING	26	61	3
15JG1A0535	RT32052	DATA WARE HOUSING AND MINING	25	41	3
15JG1A0535	RT32053	COMPUTER NETWORKS	18	48	3
15JG1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	40	3
15JG1A0535	RT32055	WEB TECHNOLOGIES	15	46	3
15JG1A0535	RT32056	IPR AND PATENTS	22	44	2
15JG1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A0535	RT32058	SOFTWARE ENGINEERING LAB	24	50	2
15JG1A0535	RT32059	WEB TECHNOLOGIES LAB	22	43	2
15JG1A0536	RT32051	SOFTWARE ENGINEERING	22	24	3
15JG1A0536	RT32052	DATA WARE HOUSING AND MINING	21	37	3
15JG1A0536	RT32053	COMPUTER NETWORKS	22	29	3
15JG1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
15JG1A0536	RT32055	WEB TECHNOLOGIES	20	44	3
15JG1A0536	RT32056	IPR AND PATENTS	23	44	2
15JG1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	26	2
15JG1A0536	RT32058	SOFTWARE ENGINEERING LAB	24	35	2
15JG1A0536	RT32059	WEB TECHNOLOGIES LAB	18	35	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0537	RT32051	SOFTWARE ENGINEERING	18	39	3
15JG1A0537	RT32052	DATA WARE HOUSING AND MINING	24	30	3
15JG1A0537	RT32053	COMPUTER NETWORKS	25	39	3
15JG1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
15JG1A0537	RT32055	WEB TECHNOLOGIES	25	46	3
15JG1A0537	RT32056	IPR AND PATENTS	22	47	2
15JG1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	40	2
15JG1A0537	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15JG1A0537	RT32059	WEB TECHNOLOGIES LAB	21	48	2
15JG1A0538	RT32051	SOFTWARE ENGINEERING	22	36	3
15JG1A0538	RT32052	DATA WARE HOUSING AND MINING	19	33	3
15JG1A0538	RT32053	COMPUTER NETWORKS	22	27	3
15JG1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
15JG1A0538	RT32055	WEB TECHNOLOGIES	25	39	3
15JG1A0538	RT32056	IPR AND PATENTS	22	45	2
15JG1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	35	2
15JG1A0538	RT32058	SOFTWARE ENGINEERING LAB	21	33	2
15JG1A0538	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15JG1A0539	RT32051	SOFTWARE ENGINEERING	19	57	3
15JG1A0539	RT32052	DATA WARE HOUSING AND MINING	19	32	3
15JG1A0539	RT32053	COMPUTER NETWORKS	19	45	3
15JG1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	41	3
15JG1A0539	RT32055	WEB TECHNOLOGIES	24	45	3
15JG1A0539	RT32056	IPR AND PATENTS	24	52	2
15JG1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	40	2
15JG1A0539	RT32058	SOFTWARE ENGINEERING LAB	22	38	2
15JG1A0539	RT32059	WEB TECHNOLOGIES LAB	22	37	2
15JG1A0540	RT32051	SOFTWARE ENGINEERING	23	31	3
15JG1A0540	RT32052	DATA WARE HOUSING AND MINING	20	45	3
15JG1A0540	RT32053	COMPUTER NETWORKS	25	34	3
15JG1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	42	3
15JG1A0540	RT32055	WEB TECHNOLOGIES	25	45	3
15JG1A0540	RT32056	IPR AND PATENTS	22	45	2
15JG1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
15JG1A0540	RT32058	SOFTWARE ENGINEERING LAB	24	38	2
15JG1A0540	RT32059	WEB TECHNOLOGIES LAB	22	36	2
15JG1A0541	RT32051	SOFTWARE ENGINEERING	19	34	3
15JG1A0541	RT32052	DATA WARE HOUSING AND MINING	19	30	3
15JG1A0541	RT32053	COMPUTER NETWORKS	21	37	3
15JG1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15JG1A0541	RT32055	WEB TECHNOLOGIES	23	40	3
15JG1A0541	RT32056	IPR AND PATENTS	24	33	2
15JG1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A0541	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15JG1A0541	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15JG1A0542	RT32051	SOFTWARE ENGINEERING	21	43	3
15JG1A0542	RT32052	DATA WARE HOUSING AND MINING	23	38	3
15JG1A0542	RT32053	COMPUTER NETWORKS	23	31	3
15JG1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	37	3
15JG1A0542	RT32055	WEB TECHNOLOGIES	22	44	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0542	RT32056	IPR AND PATENTS	21	52	2
15JG1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	36	2
15JG1A0542	RT32058	SOFTWARE ENGINEERING LAB	23	35	2
15JG1A0542	RT32059	WEB TECHNOLOGIES LAB	23	38	2
15JG1A0543	RT32051	SOFTWARE ENGINEERING	25	55	3
15JG1A0543	RT32052	DATA WARE HOUSING AND MINING	19	15	0
15JG1A0543	RT32053	COMPUTER NETWORKS	23	35	3
15JG1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	36	3
15JG1A0543	RT32055	WEB TECHNOLOGIES	21	36	3
15JG1A0543	RT32056	IPR AND PATENTS	17	31	2
15JG1A0543	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	40	2
15JG1A0543	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15JG1A0543	RT32059	WEB TECHNOLOGIES LAB	22	41	2
15JG1A0544	RT32051	SOFTWARE ENGINEERING	21	33	3
15JG1A0544	RT32052	DATA WARE HOUSING AND MINING	27	50	3
15JG1A0544	RT32053	COMPUTER NETWORKS	24	48	3
15JG1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15JG1A0544	RT32055	WEB TECHNOLOGIES	27	55	3
15JG1A0544	RT32056	IPR AND PATENTS	22	45	2
15JG1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	45	2
15JG1A0544	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A0544	RT32059	WEB TECHNOLOGIES LAB	24	46	2
15JG1A0545	RT32051	SOFTWARE ENGINEERING	24	36	3
15JG1A0545	RT32052	DATA WARE HOUSING AND MINING	22	29	3
15JG1A0545	RT32053	COMPUTER NETWORKS	26	38	3
15JG1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15JG1A0545	RT32055	WEB TECHNOLOGIES	25	47	3
15JG1A0545	RT32056	IPR AND PATENTS	20	40	2
15JG1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	32	2
15JG1A0545	RT32058	SOFTWARE ENGINEERING LAB	25	42	2
15JG1A0545	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15JG1A0547	RT32051	SOFTWARE ENGINEERING	19	38	3
15JG1A0547	RT32052	DATA WARE HOUSING AND MINING	18	39	3
15JG1A0547	RT32053	COMPUTER NETWORKS	19	15	0
15JG1A0547	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3
15JG1A0547	RT32055	WEB TECHNOLOGIES	19	29	3
15JG1A0547	RT32056	IPR AND PATENTS	24	48	2
15JG1A0547	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	26	2
15JG1A0547	RT32058	SOFTWARE ENGINEERING LAB	22	32	2
15JG1A0547	RT32059	WEB TECHNOLOGIES LAB	20	37	2
15JG1A0548	RT32051	SOFTWARE ENGINEERING	25	60	3
15JG1A0548	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15JG1A0548	RT32053	COMPUTER NETWORKS	19	43	3
15JG1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15JG1A0548	RT32055	WEB TECHNOLOGIES	26	48	3
15JG1A0548	RT32056	IPR AND PATENTS	25	46	2
15JG1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	47	2
15JG1A0548	RT32058	SOFTWARE ENGINEERING LAB	24	41	2
15JG1A0548	RT32059	WEB TECHNOLOGIES LAB	25	49	2
15JG1A0549	RT32051	SOFTWARE ENGINEERING	18	31	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0549	RT32052	DATA WARE HOUSING AND MINING	22	33	3
15JG1A0549	RT32053	COMPUTER NETWORKS	24	31	3
15JG1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	45	3
15JG1A0549	RT32055	WEB TECHNOLOGIES	26	37	3
15JG1A0549	RT32056	IPR AND PATENTS	23	41	2
15JG1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
15JG1A0549	RT32058	SOFTWARE ENGINEERING LAB	22	32	2
15JG1A0549	RT32059	WEB TECHNOLOGIES LAB	19	35	2
15JG1A0550	RT32051	SOFTWARE ENGINEERING	25	50	3
15JG1A0550	RT32052	DATA WARE HOUSING AND MINING	25	27	3
15JG1A0550	RT32053	COMPUTER NETWORKS	22	50	3
15JG1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	60	3
15JG1A0550	RT32055	WEB TECHNOLOGIES	27	50	3
15JG1A0550	RT32056	IPR AND PATENTS	22	34	2
15JG1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15JG1A0550	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A0550	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15JG1A0551	RT32051	SOFTWARE ENGINEERING	14	26	3
15JG1A0551	RT32052	DATA WARE HOUSING AND MINING	10	30	3
15JG1A0551	RT32053	COMPUTER NETWORKS	16	15	0
15JG1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	26	3
15JG1A0551	RT32055	WEB TECHNOLOGIES	15	31	3
15JG1A0551	RT32056	IPR AND PATENTS	19	38	2
15JG1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	36	2
15JG1A0551	RT32058	SOFTWARE ENGINEERING LAB	19	35	2
15JG1A0551	RT32059	WEB TECHNOLOGIES LAB	18	21	2
15JG1A0552	RT32051	SOFTWARE ENGINEERING	20	60	3
15JG1A0552	RT32052	DATA WARE HOUSING AND MINING	20	25	3
15JG1A0552	RT32053	COMPUTER NETWORKS	22	44	3
15JG1A0552	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	41	3
15JG1A0552	RT32055	WEB TECHNOLOGIES	19	47	3
15JG1A0552	RT32056	IPR AND PATENTS	24	52	2
15JG1A0552	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	28	2
15JG1A0552	RT32058	SOFTWARE ENGINEERING LAB	24	38	2
15JG1A0552	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15JG1A0553	RT32051	SOFTWARE ENGINEERING	14	18	0
15JG1A0553	RT32052	DATA WARE HOUSING AND MINING	14	14	0
15JG1A0553	RT32053	COMPUTER NETWORKS	17	28	3
15JG1A0553	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	28	3
15JG1A0553	RT32055	WEB TECHNOLOGIES	17	35	3
15JG1A0553	RT32056	IPR AND PATENTS	21	40	2
15JG1A0553	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	25	2
15JG1A0553	RT32058	SOFTWARE ENGINEERING LAB	24	25	2
15JG1A0553	RT32059	WEB TECHNOLOGIES LAB	20	31	2
15JG1A0554	RT32051	SOFTWARE ENGINEERING	19	29	3
15JG1A0554	RT32052	DATA WARE HOUSING AND MINING	16	24	3
15JG1A0554	RT32053	COMPUTER NETWORKS	22	33	3
15JG1A0554	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	17	0
15JG1A0554	RT32055	WEB TECHNOLOGIES	19	30	3
15JG1A0554	RT32056	IPR AND PATENTS	19	42	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0554	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	35	2
15JG1A0554	RT32058	SOFTWARE ENGINEERING LAB	23	38	2
15JG1A0554	RT32059	WEB TECHNOLOGIES LAB	21	40	2
15JG1A0555	RT32051	SOFTWARE ENGINEERING	25	52	3
15JG1A0555	RT32052	DATA WARE HOUSING AND MINING	24	39	3
15JG1A0555	RT32053	COMPUTER NETWORKS	24	33	3
15JG1A0555	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	42	3
15JG1A0555	RT32055	WEB TECHNOLOGIES	26	43	3
15JG1A0555	RT32056	IPR AND PATENTS	23	54	2
15JG1A0555	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	40	2
15JG1A0555	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A0555	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15JG1A0556	RT32051	SOFTWARE ENGINEERING	25	59	3
15JG1A0556	RT32052	DATA WARE HOUSING AND MINING	25	30	3
15JG1A0556	RT32053	COMPUTER NETWORKS	21	44	3
15JG1A0556	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15JG1A0556	RT32055	WEB TECHNOLOGIES	25	43	3
15JG1A0556	RT32056	IPR AND PATENTS	22	44	2
15JG1A0556	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15JG1A0556	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
15JG1A0556	RT32059	WEB TECHNOLOGIES LAB	20	37	2
15JG1A0557	RT32051	SOFTWARE ENGINEERING	23	26	3
15JG1A0557	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15JG1A0557	RT32053	COMPUTER NETWORKS	26	44	3
15JG1A0557	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
15JG1A0557	RT32055	WEB TECHNOLOGIES	23	57	3
15JG1A0557	RT32056	IPR AND PATENTS	22	44	2
15JG1A0557	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15JG1A0557	RT32058	SOFTWARE ENGINEERING LAB	23	50	2
15JG1A0557	RT32059	WEB TECHNOLOGIES LAB	24	43	2
15JG1A0558	RT32051	SOFTWARE ENGINEERING	26	56	3
15JG1A0558	RT32052	DATA WARE HOUSING AND MINING	22	31	3
15JG1A0558	RT32053	COMPUTER NETWORKS	23	47	3
15JG1A0558	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	53	3
15JG1A0558	RT32055	WEB TECHNOLOGIES	29	50	3
15JG1A0558	RT32056	IPR AND PATENTS	21	37	2
15JG1A0558	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	29	2
15JG1A0558	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15JG1A0558	RT32059	WEB TECHNOLOGIES LAB	22	39	2
15JG1A0559	RT32051	SOFTWARE ENGINEERING	18	43	3
15JG1A0559	RT32052	DATA WARE HOUSING AND MINING	23	40	3
15JG1A0559	RT32053	COMPUTER NETWORKS	27	26	3
15JG1A0559	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	35	3
15JG1A0559	RT32055	WEB TECHNOLOGIES	16	34	3
15JG1A0559	RT32056	IPR AND PATENTS	18	43	2
15JG1A0559	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	25	2
15JG1A0559	RT32058	SOFTWARE ENGINEERING LAB	23	37	2
15JG1A0559	RT32059	WEB TECHNOLOGIES LAB	20	30	2
15JG1A0560	RT32051	SOFTWARE ENGINEERING	23	56	3
15JG1A0560	RT32052	DATA WARE HOUSING AND MINING	23	37	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0560	RT32053	COMPUTER NETWORKS	21	38	3
15JG1A0560	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	41	3
15JG1A0560	RT32055	WEB TECHNOLOGIES	25	41	3
15JG1A0560	RT32056	IPR AND PATENTS	22	36	2
15JG1A0560	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	35	2
15JG1A0560	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15JG1A0560	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15JG1A0561	RT32051	SOFTWARE ENGINEERING	24	25	3
15JG1A0561	RT32052	DATA WARE HOUSING AND MINING	24	33	3
15JG1A0561	RT32053	COMPUTER NETWORKS	23	39	3
15JG1A0561	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	37	3
15JG1A0561	RT32055	WEB TECHNOLOGIES	27	41	3
15JG1A0561	RT32056	IPR AND PATENTS	24	40	2
15JG1A0561	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	38	2
15JG1A0561	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
15JG1A0561	RT32059	WEB TECHNOLOGIES LAB	22	47	2
15JG1A0562	RT32051	SOFTWARE ENGINEERING	18	35	3
15JG1A0562	RT32052	DATA WARE HOUSING AND MINING	21	16	0
15JG1A0562	RT32053	COMPUTER NETWORKS	20	45	3
15JG1A0562	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	36	3
15JG1A0562	RT32055	WEB TECHNOLOGIES	22	38	3
15JG1A0562	RT32056	IPR AND PATENTS	22	33	2
15JG1A0562	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	41	2
15JG1A0562	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15JG1A0562	RT32059	WEB TECHNOLOGIES LAB	23	32	2
15JG1A0563	RT32051	SOFTWARE ENGINEERING	22	43	3
15JG1A0563	RT32052	DATA WARE HOUSING AND MINING	22	31	3
15JG1A0563	RT32053	COMPUTER NETWORKS	26	25	3
15JG1A0563	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	35	3
15JG1A0563	RT32055	WEB TECHNOLOGIES	26	37	3
15JG1A0563	RT32056	IPR AND PATENTS	24	56	2
15JG1A0563	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	43	2
15JG1A0563	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15JG1A0563	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15JG1A0564	RT32051	SOFTWARE ENGINEERING	19	56	3
15JG1A0564	RT32052	DATA WARE HOUSING AND MINING	19	27	3
15JG1A0564	RT32053	COMPUTER NETWORKS	24	37	3
15JG1A0564	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	43	3
15JG1A0564	RT32055	WEB TECHNOLOGIES	24	40	3
15JG1A0564	RT32056	IPR AND PATENTS	23	52	2
15JG1A0564	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	39	2
15JG1A0564	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15JG1A0564	RT32059	WEB TECHNOLOGIES LAB	22	31	2
15JG1A0565	RT32051	SOFTWARE ENGINEERING	24	25	3
15JG1A0565	RT32052	DATA WARE HOUSING AND MINING	26	40	3
15JG1A0565	RT32053	COMPUTER NETWORKS	26	46	3
15JG1A0565	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	47	3
15JG1A0565	RT32055	WEB TECHNOLOGIES	28	51	3
15JG1A0565	RT32056	IPR AND PATENTS	22	54	2
15JG1A0565	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0565	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15JG1A0565	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15JG1A0566	RT32051	SOFTWARE ENGINEERING	16	0	0
15JG1A0566	RT32052	DATA WARE HOUSING AND MINING	13	12	0
15JG1A0566	RT32053	COMPUTER NETWORKS	19	26	3
15JG1A0566	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	13	0
15JG1A0566	RT32055	WEB TECHNOLOGIES	20	27	3
15JG1A0566	RT32056	IPR AND PATENTS	14	26	2
15JG1A0566	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	34	2
15JG1A0566	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15JG1A0566	RT32059	WEB TECHNOLOGIES LAB	20	35	2
15JG1A0567	RT32051	SOFTWARE ENGINEERING	12	35	3
15JG1A0567	RT32052	DATA WARE HOUSING AND MINING	13	14	0
15JG1A0567	RT32053	COMPUTER NETWORKS	12	10	0
15JG1A0567	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	32	3
15JG1A0567	RT32055	WEB TECHNOLOGIES	17	28	3
15JG1A0567	RT32056	IPR AND PATENTS	13	38	2
15JG1A0567	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15JG1A0567	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
15JG1A0567	RT32059	WEB TECHNOLOGIES LAB	18	46	2
15JG1A0568	RT32051	SOFTWARE ENGINEERING	16	59	3
15JG1A0568	RT32052	DATA WARE HOUSING AND MINING	16	25	3
15JG1A0568	RT32053	COMPUTER NETWORKS	21	39	3
15JG1A0568	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	35	3
15JG1A0568	RT32055	WEB TECHNOLOGIES	21	37	3
15JG1A0568	RT32056	IPR AND PATENTS	20	44	2
15JG1A0568	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	36	2
15JG1A0568	RT32058	SOFTWARE ENGINEERING LAB	19	38	2
15JG1A0568	RT32059	WEB TECHNOLOGIES LAB	16	35	2
15JG1A0569	RT32051	SOFTWARE ENGINEERING	17	24	3
15JG1A0569	RT32052	DATA WARE HOUSING AND MINING	17	17	0
15JG1A0569	RT32053	COMPUTER NETWORKS	22	26	3
15JG1A0569	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	29	3
15JG1A0569	RT32055	WEB TECHNOLOGIES	20	37	3
15JG1A0569	RT32056	IPR AND PATENTS	22	39	2
15JG1A0569	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	35	2
15JG1A0569	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
15JG1A0569	RT32059	WEB TECHNOLOGIES LAB	17	45	2
15JG1A0570	RT32051	SOFTWARE ENGINEERING	23	31	3
15JG1A0570	RT32052	DATA WARE HOUSING AND MINING	18	14	0
15JG1A0570	RT32053	COMPUTER NETWORKS	20	40	3
15JG1A0570	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	27	3
15JG1A0570	RT32055	WEB TECHNOLOGIES	26	47	3
15JG1A0570	RT32056	IPR AND PATENTS	23	36	2
15JG1A0570	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	42	2
15JG1A0570	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15JG1A0570	RT32059	WEB TECHNOLOGIES LAB	22	46	2
15JG1A0571	RT32051	SOFTWARE ENGINEERING	21	47	3
15JG1A0571	RT32052	DATA WARE HOUSING AND MINING	16	44	3
15JG1A0571	RT32053	COMPUTER NETWORKS	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0571	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	42	3
15JG1A0571	RT32055	WEB TECHNOLOGIES	22	38	3
15JG1A0571	RT32056	IPR AND PATENTS	20	48	2
15JG1A0571	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
15JG1A0571	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
15JG1A0571	RT32059	WEB TECHNOLOGIES LAB	17	40	2
15JG1A0572	RT32051	SOFTWARE ENGINEERING	27	59	3
15JG1A0572	RT32052	DATA WARE HOUSING AND MINING	23	43	3
15JG1A0572	RT32053	COMPUTER NETWORKS	28	38	3
15JG1A0572	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	39	3
15JG1A0572	RT32055	WEB TECHNOLOGIES	25	38	3
15JG1A0572	RT32056	IPR AND PATENTS	25	46	2
15JG1A0572	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A0572	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A0572	RT32059	WEB TECHNOLOGIES LAB	23	42	2
15JG1A0573	RT32051	SOFTWARE ENGINEERING	19	24	3
15JG1A0573	RT32052	DATA WARE HOUSING AND MINING	16	32	3
15JG1A0573	RT32053	COMPUTER NETWORKS	19	30	3
15JG1A0573	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	34	3
15JG1A0573	RT32055	WEB TECHNOLOGIES	21	41	3
15JG1A0573	RT32056	IPR AND PATENTS	14	45	2
15JG1A0573	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	36	2
15JG1A0573	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15JG1A0573	RT32059	WEB TECHNOLOGIES LAB	18	45	2
15JG1A0574	RT32051	SOFTWARE ENGINEERING	21	41	3
15JG1A0574	RT32052	DATA WARE HOUSING AND MINING	15	9	0
15JG1A0574	RT32053	COMPUTER NETWORKS	14	34	3
15JG1A0574	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	15	0
15JG1A0574	RT32055	WEB TECHNOLOGIES	22	36	3
15JG1A0574	RT32056	IPR AND PATENTS	20	11	0
15JG1A0574	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
15JG1A0574	RT32058	SOFTWARE ENGINEERING LAB	21	40	2
15JG1A0574	RT32059	WEB TECHNOLOGIES LAB	18	30	2
15JG1A0575	RT32051	SOFTWARE ENGINEERING	24	40	3
15JG1A0575	RT32052	DATA WARE HOUSING AND MINING	19	26	3
15JG1A0575	RT32053	COMPUTER NETWORKS	21	24	3
15JG1A0575	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
15JG1A0575	RT32055	WEB TECHNOLOGIES	24	37	3
15JG1A0575	RT32056	IPR AND PATENTS	23	42	2
15JG1A0575	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	41	2
15JG1A0575	RT32058	SOFTWARE ENGINEERING LAB	24	43	2
15JG1A0575	RT32059	WEB TECHNOLOGIES LAB	20	39	2
15JG1A0576	RT32051	SOFTWARE ENGINEERING	23	62	3
15JG1A0576	RT32052	DATA WARE HOUSING AND MINING	29	43	3
15JG1A0576	RT32053	COMPUTER NETWORKS	25	43	3
15JG1A0576	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	43	3
15JG1A0576	RT32055	WEB TECHNOLOGIES	26	33	3
15JG1A0576	RT32056	IPR AND PATENTS	25	46	2
15JG1A0576	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15JG1A0576	RT32058	SOFTWARE ENGINEERING LAB	23	42	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0576	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15JG1A0577	RT32051	SOFTWARE ENGINEERING	24	24	3
15JG1A0577	RT32052	DATA WARE HOUSING AND MINING	26	52	3
15JG1A0577	RT32053	COMPUTER NETWORKS	24	42	3
15JG1A0577	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	30	3
15JG1A0577	RT32055	WEB TECHNOLOGIES	26	43	3
15JG1A0577	RT32056	IPR AND PATENTS	24	33	2
15JG1A0577	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15JG1A0577	RT32058	SOFTWARE ENGINEERING LAB	23	43	2
15JG1A0577	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15JG1A0578	RT32051	SOFTWARE ENGINEERING	14	26	3
15JG1A0578	RT32052	DATA WARE HOUSING AND MINING	13	13	0
15JG1A0578	RT32053	COMPUTER NETWORKS	13	21	0
15JG1A0578	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	6	0
15JG1A0578	RT32055	WEB TECHNOLOGIES	14	28	3
15JG1A0578	RT32056	IPR AND PATENTS	19	28	2
15JG1A0578	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	35	2
15JG1A0578	RT32058	SOFTWARE ENGINEERING LAB	22	38	2
15JG1A0578	RT32059	WEB TECHNOLOGIES LAB	16	38	2
15JG1A0579	RT32051	SOFTWARE ENGINEERING	22	48	3
15JG1A0579	RT32052	DATA WARE HOUSING AND MINING	25	36	3
15JG1A0579	RT32053	COMPUTER NETWORKS	22	29	3
15JG1A0579	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	37	3
15JG1A0579	RT32055	WEB TECHNOLOGIES	25	39	3
15JG1A0579	RT32056	IPR AND PATENTS	21	52	2
15JG1A0579	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
15JG1A0579	RT32058	SOFTWARE ENGINEERING LAB	25	38	2
15JG1A0579	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15JG1A0580	RT32051	SOFTWARE ENGINEERING	18	44	3
15JG1A0580	RT32052	DATA WARE HOUSING AND MINING	15	8	0
15JG1A0580	RT32053	COMPUTER NETWORKS	18	27	3
15JG1A0580	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	27	3
15JG1A0580	RT32055	WEB TECHNOLOGIES	18	31	3
15JG1A0580	RT32056	IPR AND PATENTS	14	41	2
15JG1A0580	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	34	2
15JG1A0580	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
15JG1A0580	RT32059	WEB TECHNOLOGIES LAB	18	39	2
15JG1A0581	RT32051	SOFTWARE ENGINEERING	22	31	3
15JG1A0581	RT32052	DATA WARE HOUSING AND MINING	23	36	3
15JG1A0581	RT32053	COMPUTER NETWORKS	25	36	3
15JG1A0581	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	42	3
15JG1A0581	RT32055	WEB TECHNOLOGIES	24	33	3
15JG1A0581	RT32056	IPR AND PATENTS	21	41	2
15JG1A0581	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	40	2
15JG1A0581	RT32058	SOFTWARE ENGINEERING LAB	25	42	2
15JG1A0581	RT32059	WEB TECHNOLOGIES LAB	17	36	2
15JG1A0582	RT32051	SOFTWARE ENGINEERING	24	58	3
15JG1A0582	RT32052	DATA WARE HOUSING AND MINING	24	26	3
15JG1A0582	RT32053	COMPUTER NETWORKS	26	44	3
15JG1A0582	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	40	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0582	RT32055	WEB TECHNOLOGIES	25	52	3
15JG1A0582	RT32056	IPR AND PATENTS	23	48	2
15JG1A0582	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15JG1A0582	RT32058	SOFTWARE ENGINEERING LAB	23	38	2
15JG1A0582	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15JG1A0583	RT32051	SOFTWARE ENGINEERING	21	39	3
15JG1A0583	RT32052	DATA WARE HOUSING AND MINING	22	37	3
15JG1A0583	RT32053	COMPUTER NETWORKS	19	26	3
15JG1A0583	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	29	3
15JG1A0583	RT32055	WEB TECHNOLOGIES	21	31	3
15JG1A0583	RT32056	IPR AND PATENTS	23	33	2
15JG1A0583	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	25	2
15JG1A0583	RT32058	SOFTWARE ENGINEERING LAB	23	38	2
15JG1A0583	RT32059	WEB TECHNOLOGIES LAB	19	37	2
15JG1A0584	RT32051	SOFTWARE ENGINEERING	25	60	3
15JG1A0584	RT32052	DATA WARE HOUSING AND MINING	26	36	3
15JG1A0584	RT32053	COMPUTER NETWORKS	28	39	3
15JG1A0584	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	34	3
15JG1A0584	RT32055	WEB TECHNOLOGIES	21	46	3
15JG1A0584	RT32056	IPR AND PATENTS	25	44	2
15JG1A0584	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
15JG1A0584	RT32058	SOFTWARE ENGINEERING LAB	25	44	2
15JG1A0584	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15JG1A0585	RT32051	SOFTWARE ENGINEERING	20	31	3
15JG1A0585	RT32052	DATA WARE HOUSING AND MINING	23	33	3
15JG1A0585	RT32053	COMPUTER NETWORKS	20	37	3
15JG1A0585	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15JG1A0585	RT32055	WEB TECHNOLOGIES	23	35	3
15JG1A0585	RT32056	IPR AND PATENTS	23	43	2
15JG1A0585	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15JG1A0585	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15JG1A0585	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15JG1A0586	RT32051	SOFTWARE ENGINEERING	26	47	3
15JG1A0586	RT32052	DATA WARE HOUSING AND MINING	24	9	0
15JG1A0586	RT32053	COMPUTER NETWORKS	26	41	3
15JG1A0586	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15JG1A0586	RT32055	WEB TECHNOLOGIES	24	49	3
15JG1A0586	RT32056	IPR AND PATENTS	27	33	2
15JG1A0586	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15JG1A0586	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A0586	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15JG1A0587	RT32051	SOFTWARE ENGINEERING	25	37	3
15JG1A0587	RT32052	DATA WARE HOUSING AND MINING	22	32	3
15JG1A0587	RT32053	COMPUTER NETWORKS	26	27	3
15JG1A0587	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	34	3
15JG1A0587	RT32055	WEB TECHNOLOGIES	24	39	3
15JG1A0587	RT32056	IPR AND PATENTS	23	54	2
15JG1A0587	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15JG1A0587	RT32058	SOFTWARE ENGINEERING LAB	25	45	2
15JG1A0587	RT32059	WEB TECHNOLOGIES LAB	19	38	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0588	RT32051	SOFTWARE ENGINEERING	18	50	3
15JG1A0588	RT32052	DATA WARE HOUSING AND MINING	12	31	3
15JG1A0588	RT32053	COMPUTER NETWORKS	16	33	3
15JG1A0588	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	32	3
15JG1A0588	RT32055	WEB TECHNOLOGIES	16	32	3
15JG1A0588	RT32056	IPR AND PATENTS	18	40	2
15JG1A0588	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	21	2
15JG1A0588	RT32058	SOFTWARE ENGINEERING LAB	18	32	2
15JG1A0588	RT32059	WEB TECHNOLOGIES LAB	17	24	2
15JG1A0589	RT32051	SOFTWARE ENGINEERING	26	26	3
15JG1A0589	RT32052	DATA WARE HOUSING AND MINING	25	50	3
15JG1A0589	RT32053	COMPUTER NETWORKS	28	46	3
15JG1A0589	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15JG1A0589	RT32055	WEB TECHNOLOGIES	27	54	3
15JG1A0589	RT32056	IPR AND PATENTS	25	45	2
15JG1A0589	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
15JG1A0589	RT32058	SOFTWARE ENGINEERING LAB	23	44	2
15JG1A0589	RT32059	WEB TECHNOLOGIES LAB	24	44	2
15JG1A0590	RT32051	SOFTWARE ENGINEERING	23	48	3
15JG1A0590	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15JG1A0590	RT32053	COMPUTER NETWORKS	25	46	3
15JG1A0590	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
15JG1A0590	RT32055	WEB TECHNOLOGIES	25	45	3
15JG1A0590	RT32056	IPR AND PATENTS	20	44	2
15JG1A0590	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A0590	RT32058	SOFTWARE ENGINEERING LAB	21	46	2
15JG1A0590	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15JG1A0591	RT32051	SOFTWARE ENGINEERING	22	37	3
15JG1A0591	RT32052	DATA WARE HOUSING AND MINING	22	34	3
15JG1A0591	RT32053	COMPUTER NETWORKS	21	27	3
15JG1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15JG1A0591	RT32055	WEB TECHNOLOGIES	26	42	3
15JG1A0591	RT32056	IPR AND PATENTS	23	52	2
15JG1A0591	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15JG1A0591	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
15JG1A0591	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15JG1A0592	RT32051	SOFTWARE ENGINEERING	16	55	3
15JG1A0592	RT32052	DATA WARE HOUSING AND MINING	15	25	3
15JG1A0592	RT32053	COMPUTER NETWORKS	16	31	3
15JG1A0592	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	34	3
15JG1A0592	RT32055	WEB TECHNOLOGIES	23	36	3
15JG1A0592	RT32056	IPR AND PATENTS	22	46	2
15JG1A0592	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	37	2
15JG1A0592	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
15JG1A0592	RT32059	WEB TECHNOLOGIES LAB	17	39	2
15JG1A0593	RT32051	SOFTWARE ENGINEERING	19	24	3
15JG1A0593	RT32052	DATA WARE HOUSING AND MINING	21	24	3
15JG1A0593	RT32053	COMPUTER NETWORKS	14	26	3
15JG1A0593	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	26	3
15JG1A0593	RT32055	WEB TECHNOLOGIES	20	40	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0593	RT32056	IPR AND PATENTS	26	37	2
15JG1A0593	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15JG1A0593	RT32058	SOFTWARE ENGINEERING LAB	19	42	2
15JG1A0593	RT32059	WEB TECHNOLOGIES LAB	19	44	2
15JG1A0594	RT32051	SOFTWARE ENGINEERING	25	31	3
15JG1A0594	RT32052	DATA WARE HOUSING AND MINING	21	29	3
15JG1A0594	RT32053	COMPUTER NETWORKS	23	26	3
15JG1A0594	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	31	3
15JG1A0594	RT32055	WEB TECHNOLOGIES	25	53	3
15JG1A0594	RT32056	IPR AND PATENTS	23	13	0
15JG1A0594	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
15JG1A0594	RT32058	SOFTWARE ENGINEERING LAB	25	41	2
15JG1A0594	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15JG1A0595	RT32051	SOFTWARE ENGINEERING	24	39	3
15JG1A0595	RT32052	DATA WARE HOUSING AND MINING	21	40	3
15JG1A0595	RT32053	COMPUTER NETWORKS	22	24	3
15JG1A0595	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	41	3
15JG1A0595	RT32055	WEB TECHNOLOGIES	26	28	3
15JG1A0595	RT32056	IPR AND PATENTS	19	50	2
15JG1A0595	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
15JG1A0595	RT32058	SOFTWARE ENGINEERING LAB	21	41	2
15JG1A0595	RT32059	WEB TECHNOLOGIES LAB	19	43	2
15JG1A0597	RT32051	SOFTWARE ENGINEERING	21	53	3
15JG1A0597	RT32052	DATA WARE HOUSING AND MINING	21	46	3
15JG1A0597	RT32053	COMPUTER NETWORKS	22	37	3
15JG1A0597	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15JG1A0597	RT32055	WEB TECHNOLOGIES	24	42	3
15JG1A0597	RT32056	IPR AND PATENTS	21	46	2
15JG1A0597	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A0597	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A0597	RT32059	WEB TECHNOLOGIES LAB	21	43	2
15JG1A0598	RT32051	SOFTWARE ENGINEERING	23	25	3
15JG1A0598	RT32052	DATA WARE HOUSING AND MINING	20	42	3
15JG1A0598	RT32053	COMPUTER NETWORKS	23	36	3
15JG1A0598	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	35	3
15JG1A0598	RT32055	WEB TECHNOLOGIES	26	53	3
15JG1A0598	RT32056	IPR AND PATENTS	23	40	2
15JG1A0598	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	36	2
15JG1A0598	RT32058	SOFTWARE ENGINEERING LAB	25	43	2
15JG1A0598	RT32059	WEB TECHNOLOGIES LAB	21	45	2
15JG1A0599	RT32051	SOFTWARE ENGINEERING	23	36	3
15JG1A0599	RT32052	DATA WARE HOUSING AND MINING	22	26	3
15JG1A0599	RT32053	COMPUTER NETWORKS	24	38	3
15JG1A0599	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	27	3
15JG1A0599	RT32055	WEB TECHNOLOGIES	28	43	3
15JG1A0599	RT32056	IPR AND PATENTS	22	37	2
15JG1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
15JG1A0599	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15JG1A0599	RT32059	WEB TECHNOLOGIES LAB	19	47	2
15JG1A05A0	RT32051	SOFTWARE ENGINEERING	21	48	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05A0	RT32052	DATA WARE HOUSING AND MINING	15	33	3
15JG1A05A0	RT32053	COMPUTER NETWORKS	25	26	3
15JG1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	32	3
15JG1A05A0	RT32055	WEB TECHNOLOGIES	23	42	3
15JG1A05A0	RT32056	IPR AND PATENTS	19	48	2
15JG1A05A0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	35	2
15JG1A05A0	RT32058	SOFTWARE ENGINEERING LAB	20	39	2
15JG1A05A0	RT32059	WEB TECHNOLOGIES LAB	18	31	2
15JG1A05A1	RT32051	SOFTWARE ENGINEERING	18	42	3
15JG1A05A1	RT32052	DATA WARE HOUSING AND MINING	17	33	3
15JG1A05A1	RT32053	COMPUTER NETWORKS	16	28	3
15JG1A05A1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	32	3
15JG1A05A1	RT32055	WEB TECHNOLOGIES	17	30	3
15JG1A05A1	RT32056	IPR AND PATENTS	13	39	2
15JG1A05A1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	34	2
15JG1A05A1	RT32058	SOFTWARE ENGINEERING LAB	17	37	2
15JG1A05A1	RT32059	WEB TECHNOLOGIES LAB	20	40	2
15JG1A05A2	RT32051	SOFTWARE ENGINEERING	16	26	3
15JG1A05A2	RT32052	DATA WARE HOUSING AND MINING	14	44	3
15JG1A05A2	RT32053	COMPUTER NETWORKS	21	28	3
15JG1A05A2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	13	61	3
15JG1A05A2	RT32055	WEB TECHNOLOGIES	17	44	3
15JG1A05A2	RT32056	IPR AND PATENTS	21	50	2
15JG1A05A2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	16	27	2
15JG1A05A2	RT32058	SOFTWARE ENGINEERING LAB	20	35	2
15JG1A05A2	RT32059	WEB TECHNOLOGIES LAB	16	25	2
15JG1A05A3	RT32051	SOFTWARE ENGINEERING	16	31	3
15JG1A05A3	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15JG1A05A3	RT32053	COMPUTER NETWORKS	21	29	3
15JG1A05A3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15JG1A05A3	RT32055	WEB TECHNOLOGIES	18	33	3
15JG1A05A3	RT32056	IPR AND PATENTS	21	43	2
15JG1A05A3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	42	2
15JG1A05A3	RT32058	SOFTWARE ENGINEERING LAB	19	37	2
15JG1A05A3	RT32059	WEB TECHNOLOGIES LAB	18	33	2
15JG1A05A4	RT32051	SOFTWARE ENGINEERING	22	46	3
15JG1A05A4	RT32052	DATA WARE HOUSING AND MINING	22	30	3
15JG1A05A4	RT32053	COMPUTER NETWORKS	19	24	3
15JG1A05A4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	33	3
15JG1A05A4	RT32055	WEB TECHNOLOGIES	23	35	3
15JG1A05A4	RT32056	IPR AND PATENTS	23	46	2
15JG1A05A4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A05A4	RT32058	SOFTWARE ENGINEERING LAB	20	41	2
15JG1A05A4	RT32059	WEB TECHNOLOGIES LAB	18	44	2
15JG1A05A5	RT32051	SOFTWARE ENGINEERING	28	61	3
15JG1A05A5	RT32052	DATA WARE HOUSING AND MINING	26	52	3
15JG1A05A5	RT32053	COMPUTER NETWORKS	24	51	3
15JG1A05A5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	40	3
15JG1A05A5	RT32055	WEB TECHNOLOGIES	29	35	3
15JG1A05A5	RT32056	IPR AND PATENTS	25	44	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05A5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A05A5	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
15JG1A05A5	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15JG1A05A6	RT32051	SOFTWARE ENGINEERING	19	14	0
15JG1A05A6	RT32052	DATA WARE HOUSING AND MINING	17	24	3
15JG1A05A6	RT32053	COMPUTER NETWORKS	18	24	3
15JG1A05A6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	26	3
15JG1A05A6	RT32055	WEB TECHNOLOGIES	16	18	0
15JG1A05A6	RT32056	IPR AND PATENTS	17	34	2
15JG1A05A6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	23	2
15JG1A05A6	RT32058	SOFTWARE ENGINEERING LAB	20	37	2
15JG1A05A6	RT32059	WEB TECHNOLOGIES LAB	18	34	2
15JG1A05A7	RT32051	SOFTWARE ENGINEERING	25	56	3
15JG1A05A7	RT32052	DATA WARE HOUSING AND MINING	25	27	3
15JG1A05A7	RT32053	COMPUTER NETWORKS	25	42	3
15JG1A05A7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	44	3
15JG1A05A7	RT32055	WEB TECHNOLOGIES	28	47	3
15JG1A05A7	RT32056	IPR AND PATENTS	27	47	2
15JG1A05A7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15JG1A05A7	RT32058	SOFTWARE ENGINEERING LAB	23	41	2
15JG1A05A7	RT32059	WEB TECHNOLOGIES LAB	23	44	2
15JG1A05A8	RT32051	SOFTWARE ENGINEERING	24	44	3
15JG1A05A8	RT32052	DATA WARE HOUSING AND MINING	18	34	3
15JG1A05A8	RT32053	COMPUTER NETWORKS	21	27	3
15JG1A05A8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	36	3
15JG1A05A8	RT32055	WEB TECHNOLOGIES	26	42	3
15JG1A05A8	RT32056	IPR AND PATENTS	21	52	2
15JG1A05A8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
15JG1A05A8	RT32058	SOFTWARE ENGINEERING LAB	25	40	2
15JG1A05A8	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15JG1A05A9	RT32051	SOFTWARE ENGINEERING	29	60	3
15JG1A05A9	RT32052	DATA WARE HOUSING AND MINING	27	41	3
15JG1A05A9	RT32053	COMPUTER NETWORKS	27	44	3
15JG1A05A9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
15JG1A05A9	RT32055	WEB TECHNOLOGIES	29	40	3
15JG1A05A9	RT32056	IPR AND PATENTS	26	25	2
15JG1A05A9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A05A9	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15JG1A05A9	RT32059	WEB TECHNOLOGIES LAB	23	48	2
15JG1A05B0	RT32051	SOFTWARE ENGINEERING	28	32	3
15JG1A05B0	RT32052	DATA WARE HOUSING AND MINING	23	52	3
15JG1A05B0	RT32053	COMPUTER NETWORKS	27	47	3
15JG1A05B0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	46	3
15JG1A05B0	RT32055	WEB TECHNOLOGIES	27	58	3
15JG1A05B0	RT32056	IPR AND PATENTS	24	45	2
15JG1A05B0	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
15JG1A05B0	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A05B0	RT32059	WEB TECHNOLOGIES LAB	23	47	2
15JG1A05B1	RT32051	SOFTWARE ENGINEERING	18	24	3
15JG1A05B1	RT32052	DATA WARE HOUSING AND MINING	13	27	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05B1	RT32053	COMPUTER NETWORKS	16	28	3
15JG1A05B1	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	13	0
15JG1A05B1	RT32055	WEB TECHNOLOGIES	20	42	3
15JG1A05B1	RT32056	IPR AND PATENTS	20	35	2
15JG1A05B1	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	32	2
15JG1A05B1	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
15JG1A05B1	RT32059	WEB TECHNOLOGIES LAB	18	32	2
15JG1A05B2	RT32051	SOFTWARE ENGINEERING	25	37	3
15JG1A05B2	RT32052	DATA WARE HOUSING AND MINING	23	30	3
15JG1A05B2	RT32053	COMPUTER NETWORKS	23	29	3
15JG1A05B2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	33	3
15JG1A05B2	RT32055	WEB TECHNOLOGIES	24	34	3
15JG1A05B2	RT32056	IPR AND PATENTS	24	49	2
15JG1A05B2	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
15JG1A05B2	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
15JG1A05B2	RT32059	WEB TECHNOLOGIES LAB	22	45	2
15JG1A05B3	RT32051	SOFTWARE ENGINEERING	22	59	3
15JG1A05B3	RT32052	DATA WARE HOUSING AND MINING	20	39	3
15JG1A05B3	RT32053	COMPUTER NETWORKS	24	38	3
15JG1A05B3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	42	3
15JG1A05B3	RT32055	WEB TECHNOLOGIES	21	43	3
15JG1A05B3	RT32056	IPR AND PATENTS	23	39	2
15JG1A05B3	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15JG1A05B3	RT32058	SOFTWARE ENGINEERING LAB	20	45	2
15JG1A05B3	RT32059	WEB TECHNOLOGIES LAB	22	40	2
15JG1A05B4	RT32051	SOFTWARE ENGINEERING	17	16	0
15JG1A05B4	RT32052	DATA WARE HOUSING AND MINING	20	32	3
15JG1A05B4	RT32053	COMPUTER NETWORKS	22	34	3
15JG1A05B4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
15JG1A05B4	RT32055	WEB TECHNOLOGIES	21	29	3
15JG1A05B4	RT32056	IPR AND PATENTS	22	39	2
15JG1A05B4	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	38	2
15JG1A05B4	RT32058	SOFTWARE ENGINEERING LAB	21	39	2
15JG1A05B4	RT32059	WEB TECHNOLOGIES LAB	17	35	2
15JG1A05B5	RT32051	SOFTWARE ENGINEERING	15	6	0
15JG1A05B5	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15JG1A05B5	RT32053	COMPUTER NETWORKS	14	26	3
15JG1A05B5	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	15	0
15JG1A05B5	RT32055	WEB TECHNOLOGIES	16	29	3
15JG1A05B5	RT32056	IPR AND PATENTS	19	31	2
15JG1A05B5	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	39	2
15JG1A05B5	RT32058	SOFTWARE ENGINEERING LAB	19	40	2
15JG1A05B5	RT32059	WEB TECHNOLOGIES LAB	18	40	2
15JG1A05B6	RT32051	SOFTWARE ENGINEERING	26	44	3
15JG1A05B6	RT32052	DATA WARE HOUSING AND MINING	23	46	3
15JG1A05B6	RT32053	COMPUTER NETWORKS	30	30	3
15JG1A05B6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
15JG1A05B6	RT32055	WEB TECHNOLOGIES	26	44	3
15JG1A05B6	RT32056	IPR AND PATENTS	24	49	2
15JG1A05B6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05B6	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A05B6	RT32059	WEB TECHNOLOGIES LAB	25	46	2
15JG1A05B7	RT32051	SOFTWARE ENGINEERING	22	54	3
15JG1A05B7	RT32052	DATA WARE HOUSING AND MINING	17	48	3
15JG1A05B7	RT32053	COMPUTER NETWORKS	23	41	3
15JG1A05B7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	39	3
15JG1A05B7	RT32055	WEB TECHNOLOGIES	21	42	3
15JG1A05B7	RT32056	IPR AND PATENTS	21	43	2
15JG1A05B7	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	37	2
15JG1A05B7	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
15JG1A05B7	RT32059	WEB TECHNOLOGIES LAB	23	35	2
15JG1A05B8	RT32051	SOFTWARE ENGINEERING	16	13	0
15JG1A05B8	RT32052	DATA WARE HOUSING AND MINING	11	33	3
15JG1A05B8	RT32053	COMPUTER NETWORKS	12	21	0
15JG1A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	12	36	3
15JG1A05B8	RT32055	WEB TECHNOLOGIES	14	12	0
15JG1A05B8	RT32056	IPR AND PATENTS	11	40	2
15JG1A05B8	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	8	0
15JG1A05B8	RT32058	SOFTWARE ENGINEERING LAB	18	30	2
15JG1A05B8	RT32059	WEB TECHNOLOGIES LAB	18	38	2
15JG1A05B9	RT32051	SOFTWARE ENGINEERING	23	40	3
15JG1A05B9	RT32052	DATA WARE HOUSING AND MINING	20	26	3
15JG1A05B9	RT32053	COMPUTER NETWORKS	27	42	3
15JG1A05B9	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	27	3
15JG1A05B9	RT32055	WEB TECHNOLOGIES	20	47	3
15JG1A05B9	RT32056	IPR AND PATENTS	24	37	2
15JG1A05B9	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15JG1A05B9	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
15JG1A05B9	RT32059	WEB TECHNOLOGIES LAB	18	43	2
15JG1A1201	RT32052	DATA WARE HOUSING AND MINING	11	29	3
15JG1A1201	RT32053	COMPUTER NETWORKS	13	41	3
15JG1A1201	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	48	3
15JG1A1201	RT32055	WEB TECHNOLOGIES	20	27	3
15JG1A1201	RT32056	IPR AND PATENTS	20	38	2
15JG1A1201	RT32121	SOFTWARE TESTING	13	27	3
15JG1A1201	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	36	2
15JG1A1201	RT32128	SOFTWARE TESTING LAB	17	39	2
15JG1A1201	RT32129	WEB TECHNOLOGIES LAB	23	41	2
15JG1A1202	RT32052	DATA WARE HOUSING AND MINING	22	44	3
15JG1A1202	RT32053	COMPUTER NETWORKS	28	50	3
15JG1A1202	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	36	3
15JG1A1202	RT32055	WEB TECHNOLOGIES	27	38	3
15JG1A1202	RT32056	IPR AND PATENTS	21	50	2
15JG1A1202	RT32121	SOFTWARE TESTING	22	42	3
15JG1A1202	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	40	2
15JG1A1202	RT32128	SOFTWARE TESTING LAB	23	43	2
15JG1A1202	RT32129	WEB TECHNOLOGIES LAB	24	47	2
15JG1A1203	RT32052	DATA WARE HOUSING AND MINING	22	44	3
15JG1A1203	RT32053	COMPUTER NETWORKS	29	33	3
15JG1A1203	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	63	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1203	RT32055	WEB TECHNOLOGIES	29	46	3
15JG1A1203	RT32056	IPR AND PATENTS	23	34	2
15JG1A1203	RT32121	SOFTWARE TESTING	19	43	3
15JG1A1203	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A1203	RT32128	SOFTWARE TESTING LAB	25	50	2
15JG1A1203	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1204	RT32052	DATA WARE HOUSING AND MINING	21	52	3
15JG1A1204	RT32053	COMPUTER NETWORKS	22	47	3
15JG1A1204	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	42	3
15JG1A1204	RT32055	WEB TECHNOLOGIES	27	39	3
15JG1A1204	RT32056	IPR AND PATENTS	24	43	2
15JG1A1204	RT32121	SOFTWARE TESTING	20	33	3
15JG1A1204	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
15JG1A1204	RT32128	SOFTWARE TESTING LAB	22	46	2
15JG1A1204	RT32129	WEB TECHNOLOGIES LAB	25	49	2
15JG1A1205	RT32052	DATA WARE HOUSING AND MINING	22	50	3
15JG1A1205	RT32053	COMPUTER NETWORKS	29	53	3
15JG1A1205	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15JG1A1205	RT32055	WEB TECHNOLOGIES	28	37	3
15JG1A1205	RT32056	IPR AND PATENTS	22	49	2
15JG1A1205	RT32121	SOFTWARE TESTING	22	38	3
15JG1A1205	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
15JG1A1205	RT32128	SOFTWARE TESTING LAB	23	44	2
15JG1A1205	RT32129	WEB TECHNOLOGIES LAB	25	44	2
15JG1A1206	RT32052	DATA WARE HOUSING AND MINING	20	38	3
15JG1A1206	RT32053	COMPUTER NETWORKS	27	37	3
15JG1A1206	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	34	3
15JG1A1206	RT32055	WEB TECHNOLOGIES	26	47	3
15JG1A1206	RT32056	IPR AND PATENTS	24	46	2
15JG1A1206	RT32121	SOFTWARE TESTING	19	41	3
15JG1A1206	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	39	2
15JG1A1206	RT32128	SOFTWARE TESTING LAB	25	50	2
15JG1A1206	RT32129	WEB TECHNOLOGIES LAB	24	47	2
15JG1A1207	RT32052	DATA WARE HOUSING AND MINING	17	31	3
15JG1A1207	RT32053	COMPUTER NETWORKS	26	30	3
15JG1A1207	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	43	3
15JG1A1207	RT32055	WEB TECHNOLOGIES	26	32	3
15JG1A1207	RT32056	IPR AND PATENTS	23	29	2
15JG1A1207	RT32121	SOFTWARE TESTING	20	26	3
15JG1A1207	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	41	2
15JG1A1207	RT32128	SOFTWARE TESTING LAB	22	45	2
15JG1A1207	RT32129	WEB TECHNOLOGIES LAB	25	48	2
15JG1A1209	RT32052	DATA WARE HOUSING AND MINING	10	30	3
15JG1A1209	RT32053	COMPUTER NETWORKS	18	48	3
15JG1A1209	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	27	3
15JG1A1209	RT32055	WEB TECHNOLOGIES	17	26	3
15JG1A1209	RT32056	IPR AND PATENTS	23	33	2
15JG1A1209	RT32121	SOFTWARE TESTING	17	12	0
15JG1A1209	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	28	2
15JG1A1209	RT32128	SOFTWARE TESTING LAB	19	41	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1209	RT32129	WEB TECHNOLOGIES LAB	20	34	2
15JG1A1210	RT32052	DATA WARE HOUSING AND MINING	17	31	3
15JG1A1210	RT32053	COMPUTER NETWORKS	22	45	3
15JG1A1210	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	45	3
15JG1A1210	RT32055	WEB TECHNOLOGIES	22	43	3
15JG1A1210	RT32056	IPR AND PATENTS	24	44	2
15JG1A1210	RT32121	SOFTWARE TESTING	22	34	3
15JG1A1210	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	48	2
15JG1A1210	RT32128	SOFTWARE TESTING LAB	23	48	2
15JG1A1210	RT32129	WEB TECHNOLOGIES LAB	23	44	2
15JG1A1211	RT32052	DATA WARE HOUSING AND MINING	19	43	3
15JG1A1211	RT32053	COMPUTER NETWORKS	25	34	3
15JG1A1211	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	43	3
15JG1A1211	RT32055	WEB TECHNOLOGIES	29	43	3
15JG1A1211	RT32056	IPR AND PATENTS	26	52	2
15JG1A1211	RT32121	SOFTWARE TESTING	24	38	3
15JG1A1211	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
15JG1A1211	RT32128	SOFTWARE TESTING LAB	24	46	2
15JG1A1211	RT32129	WEB TECHNOLOGIES LAB	25	47	2
15JG1A1212	RT32052	DATA WARE HOUSING AND MINING	18	47	3
15JG1A1212	RT32053	COMPUTER NETWORKS	24	43	3
15JG1A1212	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	46	3
15JG1A1212	RT32055	WEB TECHNOLOGIES	25	40	3
15JG1A1212	RT32056	IPR AND PATENTS	25	36	2
15JG1A1212	RT32121	SOFTWARE TESTING	17	32	3
15JG1A1212	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	35	2
15JG1A1212	RT32128	SOFTWARE TESTING LAB	18	40	2
15JG1A1212	RT32129	WEB TECHNOLOGIES LAB	25	42	2
15JG1A1213	RT32052	DATA WARE HOUSING AND MINING	11	38	3
15JG1A1213	RT32053	COMPUTER NETWORKS	14	15	0
15JG1A1213	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	34	3
15JG1A1213	RT32055	WEB TECHNOLOGIES	14	36	3
15JG1A1213	RT32056	IPR AND PATENTS	15	37	2
15JG1A1213	RT32121	SOFTWARE TESTING	7	9	0
15JG1A1213	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	21	2
15JG1A1213	RT32128	SOFTWARE TESTING LAB	17	35	2
15JG1A1213	RT32129	WEB TECHNOLOGIES LAB	19	26	2
15JG1A1214	RT32052	DATA WARE HOUSING AND MINING	21	40	3
15JG1A1214	RT32053	COMPUTER NETWORKS	23	45	3
15JG1A1214	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
15JG1A1214	RT32055	WEB TECHNOLOGIES	26	37	3
15JG1A1214	RT32056	IPR AND PATENTS	21	49	2
15JG1A1214	RT32121	SOFTWARE TESTING	19	27	3
15JG1A1214	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	36	2
15JG1A1214	RT32128	SOFTWARE TESTING LAB	19	44	2
15JG1A1214	RT32129	WEB TECHNOLOGIES LAB	22	48	2
15JG1A1215	RT32052	DATA WARE HOUSING AND MINING	21	50	3
15JG1A1215	RT32053	COMPUTER NETWORKS	27	46	3
15JG1A1215	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	38	3
15JG1A1215	RT32055	WEB TECHNOLOGIES	27	38	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1215	RT32056	IPR AND PATENTS	25	46	2
15JG1A1215	RT32121	SOFTWARE TESTING	21	30	3
15JG1A1215	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	44	2
15JG1A1215	RT32128	SOFTWARE TESTING LAB	25	48	2
15JG1A1215	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1216	RT32052	DATA WARE HOUSING AND MINING	8	18	0
15JG1A1216	RT32053	COMPUTER NETWORKS	10	21	0
15JG1A1216	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	12	0
15JG1A1216	RT32055	WEB TECHNOLOGIES	14	12	0
15JG1A1216	RT32056	IPR AND PATENTS	14	12	0
15JG1A1216	RT32121	SOFTWARE TESTING	5	3	0
15JG1A1216	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	13	33	2
15JG1A1216	RT32128	SOFTWARE TESTING LAB	16	28	2
15JG1A1216	RT32129	WEB TECHNOLOGIES LAB	19	28	2
15JG1A1217	RT32052	DATA WARE HOUSING AND MINING	20	44	3
15JG1A1217	RT32053	COMPUTER NETWORKS	26	34	3
15JG1A1217	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	62	3
15JG1A1217	RT32055	WEB TECHNOLOGIES	29	48	3
15JG1A1217	RT32056	IPR AND PATENTS	23	39	2
15JG1A1217	RT32121	SOFTWARE TESTING	20	37	3
15JG1A1217	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
15JG1A1217	RT32128	SOFTWARE TESTING LAB	25	50	2
15JG1A1217	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1218	RT32052	DATA WARE HOUSING AND MINING	17	27	3
15JG1A1218	RT32053	COMPUTER NETWORKS	26	41	3
15JG1A1218	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	28	3
15JG1A1218	RT32055	WEB TECHNOLOGIES	28	30	3
15JG1A1218	RT32056	IPR AND PATENTS	26	34	2
15JG1A1218	RT32121	SOFTWARE TESTING	20	26	3
15JG1A1218	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	42	2
15JG1A1218	RT32128	SOFTWARE TESTING LAB	23	46	2
15JG1A1218	RT32129	WEB TECHNOLOGIES LAB	23	49	2
15JG1A1219	RT32052	DATA WARE HOUSING AND MINING	18	53	3
15JG1A1219	RT32053	COMPUTER NETWORKS	23	42	3
15JG1A1219	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	45	3
15JG1A1219	RT32055	WEB TECHNOLOGIES	24	38	3
15JG1A1219	RT32056	IPR AND PATENTS	22	48	2
15JG1A1219	RT32121	SOFTWARE TESTING	22	34	3
15JG1A1219	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
15JG1A1219	RT32128	SOFTWARE TESTING LAB	25	46	2
15JG1A1219	RT32129	WEB TECHNOLOGIES LAB	23	41	2
15JG1A1220	RT32052	DATA WARE HOUSING AND MINING	18	35	3
15JG1A1220	RT32053	COMPUTER NETWORKS	25	43	3
15JG1A1220	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	40	3
15JG1A1220	RT32055	WEB TECHNOLOGIES	26	34	3
15JG1A1220	RT32056	IPR AND PATENTS	23	29	2
15JG1A1220	RT32121	SOFTWARE TESTING	18	35	3
15JG1A1220	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	33	2
15JG1A1220	RT32128	SOFTWARE TESTING LAB	22	47	2
15JG1A1220	RT32129	WEB TECHNOLOGIES LAB	22	41	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1221	RT32052	DATA WARE HOUSING AND MINING	20	49	3
15JG1A1221	RT32053	COMPUTER NETWORKS	26	27	3
15JG1A1221	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	37	3
15JG1A1221	RT32055	WEB TECHNOLOGIES	27	51	3
15JG1A1221	RT32056	IPR AND PATENTS	23	41	2
15JG1A1221	RT32121	SOFTWARE TESTING	17	28	3
15JG1A1221	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	39	2
15JG1A1221	RT32128	SOFTWARE TESTING LAB	20	46	2
15JG1A1221	RT32129	WEB TECHNOLOGIES LAB	22	46	2
15JG1A1222	RT32052	DATA WARE HOUSING AND MINING	23	41	3
15JG1A1222	RT32053	COMPUTER NETWORKS	27	45	3
15JG1A1222	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
15JG1A1222	RT32055	WEB TECHNOLOGIES	28	36	3
15JG1A1222	RT32056	IPR AND PATENTS	22	47	2
15JG1A1222	RT32121	SOFTWARE TESTING	24	36	3
15JG1A1222	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
15JG1A1222	RT32128	SOFTWARE TESTING LAB	25	50	2
15JG1A1222	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1223	RT32052	DATA WARE HOUSING AND MINING	19	17	0
15JG1A1223	RT32053	COMPUTER NETWORKS	21	35	3
15JG1A1223	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	34	3
15JG1A1223	RT32055	WEB TECHNOLOGIES	22	38	3
15JG1A1223	RT32056	IPR AND PATENTS	19	45	2
15JG1A1223	RT32121	SOFTWARE TESTING	18	43	3
15JG1A1223	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	27	2
15JG1A1223	RT32128	SOFTWARE TESTING LAB	20	43	2
15JG1A1223	RT32129	WEB TECHNOLOGIES LAB	24	39	2
15JG1A1224	RT32052	DATA WARE HOUSING AND MINING	19	34	3
15JG1A1224	RT32053	COMPUTER NETWORKS	28	42	3
15JG1A1224	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	43	3
15JG1A1224	RT32055	WEB TECHNOLOGIES	28	41	3
15JG1A1224	RT32056	IPR AND PATENTS	23	33	2
15JG1A1224	RT32121	SOFTWARE TESTING	21	32	3
15JG1A1224	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	38	2
15JG1A1224	RT32128	SOFTWARE TESTING LAB	23	46	2
15JG1A1224	RT32129	WEB TECHNOLOGIES LAB	24	42	2
15JG1A1225	RT32052	DATA WARE HOUSING AND MINING	21	46	3
15JG1A1225	RT32053	COMPUTER NETWORKS	21	30	3
15JG1A1225	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	56	3
15JG1A1225	RT32055	WEB TECHNOLOGIES	28	51	3
15JG1A1225	RT32056	IPR AND PATENTS	22	36	2
15JG1A1225	RT32121	SOFTWARE TESTING	20	38	3
15JG1A1225	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	34	2
15JG1A1225	RT32128	SOFTWARE TESTING LAB	24	48	2
15JG1A1225	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15JG1A1227	RT32052	DATA WARE HOUSING AND MINING	20	41	3
15JG1A1227	RT32053	COMPUTER NETWORKS	24	43	3
15JG1A1227	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	33	3
15JG1A1227	RT32055	WEB TECHNOLOGIES	28	34	3
15JG1A1227	RT32056	IPR AND PATENTS	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1227	RT32121	SOFTWARE TESTING	22	30	3
15JG1A1227	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	26	2
15JG1A1227	RT32128	SOFTWARE TESTING LAB	24	46	2
15JG1A1227	RT32129	WEB TECHNOLOGIES LAB	24	48	2
15JG1A1228	RT32052	DATA WARE HOUSING AND MINING	9	-1	0
15JG1A1228	RT32053	COMPUTER NETWORKS	8	2	0
15JG1A1228	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	12	0
15JG1A1228	RT32055	WEB TECHNOLOGIES	16	-1	0
15JG1A1228	RT32056	IPR AND PATENTS	13	4	0
15JG1A1228	RT32121	SOFTWARE TESTING	7	-1	0
15JG1A1228	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	0	0
15JG1A1228	RT32128	SOFTWARE TESTING LAB	16	34	2
15JG1A1228	RT32129	WEB TECHNOLOGIES LAB	16	33	2
15JG1A1229	RT32052	DATA WARE HOUSING AND MINING	18	30	3
15JG1A1229	RT32053	COMPUTER NETWORKS	24	38	3
15JG1A1229	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	37	3
15JG1A1229	RT32055	WEB TECHNOLOGIES	25	40	3
15JG1A1229	RT32056	IPR AND PATENTS	22	36	2
15JG1A1229	RT32121	SOFTWARE TESTING	20	35	3
15JG1A1229	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15JG1A1229	RT32128	SOFTWARE TESTING LAB	25	50	2
15JG1A1229	RT32129	WEB TECHNOLOGIES LAB	21	47	2
15JG1A1230	RT32052	DATA WARE HOUSING AND MINING	14	26	3
15JG1A1230	RT32053	COMPUTER NETWORKS	16	24	3
15JG1A1230	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15JG1A1230	RT32055	WEB TECHNOLOGIES	21	24	3
15JG1A1230	RT32056	IPR AND PATENTS	19	14	0
15JG1A1230	RT32121	SOFTWARE TESTING	9	10	0
15JG1A1230	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	18	20	2
15JG1A1230	RT32128	SOFTWARE TESTING LAB	18	34	2
15JG1A1230	RT32129	WEB TECHNOLOGIES LAB	22	43	2
15JG1A1231	RT32052	DATA WARE HOUSING AND MINING	22	46	3
15JG1A1231	RT32053	COMPUTER NETWORKS	27	41	3
15JG1A1231	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	40	3
15JG1A1231	RT32055	WEB TECHNOLOGIES	26	39	3
15JG1A1231	RT32056	IPR AND PATENTS	22	48	2
15JG1A1231	RT32121	SOFTWARE TESTING	22	40	3
15JG1A1231	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
15JG1A1231	RT32128	SOFTWARE TESTING LAB	25	47	2
15JG1A1231	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15JG1A1232	RT32052	DATA WARE HOUSING AND MINING	21	45	3
15JG1A1232	RT32053	COMPUTER NETWORKS	25	40	3
15JG1A1232	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	30	49	3
15JG1A1232	RT32055	WEB TECHNOLOGIES	30	48	3
15JG1A1232	RT32056	IPR AND PATENTS	23	40	2
15JG1A1232	RT32121	SOFTWARE TESTING	21	39	3
15JG1A1232	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A1232	RT32128	SOFTWARE TESTING LAB	25	49	2
15JG1A1232	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1233	RT32052	DATA WARE HOUSING AND MINING	22	46	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1233	RT32053	COMPUTER NETWORKS	28	53	3
15JG1A1233	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	47	3
15JG1A1233	RT32055	WEB TECHNOLOGIES	28	49	3
15JG1A1233	RT32056	IPR AND PATENTS	23	34	2
15JG1A1233	RT32121	SOFTWARE TESTING	26	41	3
15JG1A1233	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
15JG1A1233	RT32128	SOFTWARE TESTING LAB	25	49	2
15JG1A1233	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1234	RT32052	DATA WARE HOUSING AND MINING	13	32	3
15JG1A1234	RT32053	COMPUTER NETWORKS	18	24	3
15JG1A1234	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	39	3
15JG1A1234	RT32055	WEB TECHNOLOGIES	24	34	3
15JG1A1234	RT32056	IPR AND PATENTS	21	31	2
15JG1A1234	RT32121	SOFTWARE TESTING	11	12	0
15JG1A1234	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	42	2
15JG1A1234	RT32128	SOFTWARE TESTING LAB	21	43	2
15JG1A1234	RT32129	WEB TECHNOLOGIES LAB	17	38	2
15JG1A1235	RT32052	DATA WARE HOUSING AND MINING	15	39	3
15JG1A1235	RT32053	COMPUTER NETWORKS	20	38	3
15JG1A1235	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	37	3
15JG1A1235	RT32055	WEB TECHNOLOGIES	23	42	3
15JG1A1235	RT32056	IPR AND PATENTS	20	43	2
15JG1A1235	RT32121	SOFTWARE TESTING	16	36	3
15JG1A1235	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	34	2
15JG1A1235	RT32128	SOFTWARE TESTING LAB	17	41	2
15JG1A1235	RT32129	WEB TECHNOLOGIES LAB	24	43	2
15JG1A1236	RT32052	DATA WARE HOUSING AND MINING	18	35	3
15JG1A1236	RT32053	COMPUTER NETWORKS	21	28	3
15JG1A1236	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	31	3
15JG1A1236	RT32055	WEB TECHNOLOGIES	17	34	3
15JG1A1236	RT32056	IPR AND PATENTS	20	34	2
15JG1A1236	RT32121	SOFTWARE TESTING	15	14	0
15JG1A1236	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	37	2
15JG1A1236	RT32128	SOFTWARE TESTING LAB	19	36	2
15JG1A1236	RT32129	WEB TECHNOLOGIES LAB	19	43	2
15JG1A1237	RT32052	DATA WARE HOUSING AND MINING	18	38	3
15JG1A1237	RT32053	COMPUTER NETWORKS	23	40	3
15JG1A1237	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	46	3
15JG1A1237	RT32055	WEB TECHNOLOGIES	24	50	3
15JG1A1237	RT32056	IPR AND PATENTS	23	42	2
15JG1A1237	RT32121	SOFTWARE TESTING	20	30	3
15JG1A1237	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15JG1A1237	RT32128	SOFTWARE TESTING LAB	23	47	2
15JG1A1237	RT32129	WEB TECHNOLOGIES LAB	24	45	2
15JG1A1238	RT32052	DATA WARE HOUSING AND MINING	13	37	3
15JG1A1238	RT32053	COMPUTER NETWORKS	12	16	0
15JG1A1238	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	30	3
15JG1A1238	RT32055	WEB TECHNOLOGIES	20	34	3
15JG1A1238	RT32056	IPR AND PATENTS	20	33	2
15JG1A1238	RT32121	SOFTWARE TESTING	11	14	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1238	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	21	2
15JG1A1238	RT32128	SOFTWARE TESTING LAB	17	33	2
15JG1A1238	RT32129	WEB TECHNOLOGIES LAB	19	30	2
15JG1A1239	RT32052	DATA WARE HOUSING AND MINING	17	34	3
15JG1A1239	RT32053	COMPUTER NETWORKS	18	35	3
15JG1A1239	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	29	3
15JG1A1239	RT32055	WEB TECHNOLOGIES	22	37	3
15JG1A1239	RT32056	IPR AND PATENTS	22	38	2
15JG1A1239	RT32121	SOFTWARE TESTING	16	33	3
15JG1A1239	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	32	2
15JG1A1239	RT32128	SOFTWARE TESTING LAB	23	43	2
15JG1A1239	RT32129	WEB TECHNOLOGIES LAB	22	43	2
15JG1A1240	RT32052	DATA WARE HOUSING AND MINING	11	24	0
15JG1A1240	RT32053	COMPUTER NETWORKS	9	19	0
15JG1A1240	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	-1	0
15JG1A1240	RT32055	WEB TECHNOLOGIES	16	-1	0
15JG1A1240	RT32056	IPR AND PATENTS	16	35	2
15JG1A1240	RT32121	SOFTWARE TESTING	16	13	0
15JG1A1240	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	15	20	2
15JG1A1240	RT32128	SOFTWARE TESTING LAB	17	34	2
15JG1A1240	RT32129	WEB TECHNOLOGIES LAB	18	32	2
15JG1A1241	RT32052	DATA WARE HOUSING AND MINING	16	35	3
15JG1A1241	RT32053	COMPUTER NETWORKS	23	39	3
15JG1A1241	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	41	3
15JG1A1241	RT32055	WEB TECHNOLOGIES	27	32	3
15JG1A1241	RT32056	IPR AND PATENTS	22	30	2
15JG1A1241	RT32121	SOFTWARE TESTING	15	32	3
15JG1A1241	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	30	2
15JG1A1241	RT32128	SOFTWARE TESTING LAB	22	41	2
15JG1A1241	RT32129	WEB TECHNOLOGIES LAB	25	50	2
15JG1A1242	RT32052	DATA WARE HOUSING AND MINING	16	32	3
15JG1A1242	RT32053	COMPUTER NETWORKS	13	19	0
15JG1A1242	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	24	3
15JG1A1242	RT32055	WEB TECHNOLOGIES	19	36	3
15JG1A1242	RT32056	IPR AND PATENTS	22	37	2
15JG1A1242	RT32121	SOFTWARE TESTING	13	27	3
15JG1A1242	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	19	44	2
15JG1A1242	RT32128	SOFTWARE TESTING LAB	20	37	2
15JG1A1242	RT32129	WEB TECHNOLOGIES LAB	22	41	2
15JG1A1243	RT32052	DATA WARE HOUSING AND MINING	16	43	3
15JG1A1243	RT32053	COMPUTER NETWORKS	22	39	3
15JG1A1243	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
15JG1A1243	RT32055	WEB TECHNOLOGIES	23	34	3
15JG1A1243	RT32056	IPR AND PATENTS	25	37	2
15JG1A1243	RT32121	SOFTWARE TESTING	18	28	3
15JG1A1243	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	22	2
15JG1A1243	RT32128	SOFTWARE TESTING LAB	18	43	2
15JG1A1243	RT32129	WEB TECHNOLOGIES LAB	23	46	2
15JG1A1244	RT32052	DATA WARE HOUSING AND MINING	20	28	3
15JG1A1244	RT32053	COMPUTER NETWORKS	21	33	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1244	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	37	3
15JG1A1244	RT32055	WEB TECHNOLOGIES	21	36	3
15JG1A1244	RT32056	IPR AND PATENTS	22	35	2
15JG1A1244	RT32121	SOFTWARE TESTING	17	28	3
15JG1A1244	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	46	2
15JG1A1244	RT32128	SOFTWARE TESTING LAB	23	43	2
15JG1A1244	RT32129	WEB TECHNOLOGIES LAB	20	42	2
15JG1A1245	RT32052	DATA WARE HOUSING AND MINING	10	18	0
15JG1A1245	RT32053	COMPUTER NETWORKS	12	28	3
15JG1A1245	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	40	3
15JG1A1245	RT32055	WEB TECHNOLOGIES	19	32	3
15JG1A1245	RT32056	IPR AND PATENTS	21	17	0
15JG1A1245	RT32121	SOFTWARE TESTING	12	28	3
15JG1A1245	RT32127	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	21	2
15JG1A1245	RT32128	SOFTWARE TESTING LAB	18	35	2
15JG1A1245	RT32129	WEB TECHNOLOGIES LAB	20	41	2
15JG5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	14	32	3
15JG5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	41	3
15JG5A0204	RT32024	POWER SYSTEM ANALYSIS	17	18	0
15JG5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	15	14	0
15JG5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	12	24	0
15JG5A0418	RT32042	DIGITAL SIGNAL PROCESSING	13	13	0
15JG5A0418	RT32044	MICROWAVE ENGINEERING	16	18	0
16JG5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	48	3
16JG5A0201	RT32022	SWITCHGEAR AND PROTECTION	24	46	3
16JG5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	52	3
16JG5A0201	RT32024	POWER SYSTEM ANALYSIS	27	35	3
16JG5A0201	RT32025	MANAGEMENT SCIENCE	29	43	3
16JG5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	26	47	3
16JG5A0201	RT32027	POWER ELECTRONICS LAB	25	48	2
16JG5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	22	45	2
16JG5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	27	3
16JG5A0202	RT32022	SWITCHGEAR AND PROTECTION	18	56	3
16JG5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	41	3
16JG5A0202	RT32024	POWER SYSTEM ANALYSIS	19	33	3
16JG5A0202	RT32025	MANAGEMENT SCIENCE	21	57	3
16JG5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	19	49	3
16JG5A0202	RT32027	POWER ELECTRONICS LAB	22	21	2
16JG5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	18	30	2
16JG5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	43	3
16JG5A0203	RT32022	SWITCHGEAR AND PROTECTION	17	30	3
16JG5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	36	3
16JG5A0203	RT32024	POWER SYSTEM ANALYSIS	19	27	3
16JG5A0203	RT32025	MANAGEMENT SCIENCE	15	49	3
16JG5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	19	44	3
16JG5A0203	RT32027	POWER ELECTRONICS LAB	22	42	2
16JG5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	20	34	2
16JG5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	16	0
16JG5A0204	RT32022	SWITCHGEAR AND PROTECTION	14	12	0
16JG5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	13	18	0

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0204	RT32024	POWER SYSTEM ANALYSIS	15	10	0
16JG5A0204	RT32025	MANAGEMENT SCIENCE	16	38	3
16JG5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	11	2	0
16JG5A0204	RT32027	POWER ELECTRONICS LAB	20	35	2
16JG5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	16	30	2
16JG5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
16JG5A0205	RT32022	SWITCHGEAR AND PROTECTION	20	31	3
16JG5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	47	3
16JG5A0205	RT32024	POWER SYSTEM ANALYSIS	21	34	3
16JG5A0205	RT32025	MANAGEMENT SCIENCE	23	29	3
16JG5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	18	20	0
16JG5A0205	RT32027	POWER ELECTRONICS LAB	25	43	2
16JG5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
16JG5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	15	0
16JG5A0206	RT32022	SWITCHGEAR AND PROTECTION	19	36	3
16JG5A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	40	3
16JG5A0206	RT32024	POWER SYSTEM ANALYSIS	19	33	3
16JG5A0206	RT32025	MANAGEMENT SCIENCE	22	43	3
16JG5A0206	RT32026	POWER SEMICONDUCTOR DRIVES	23	32	3
16JG5A0206	RT32027	POWER ELECTRONICS LAB	22	41	2
16JG5A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	20	35	2
16JG5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	19	0
16JG5A0207	RT32022	SWITCHGEAR AND PROTECTION	5	15	0
16JG5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	15	23	0
16JG5A0207	RT32024	POWER SYSTEM ANALYSIS	13	12	0
16JG5A0207	RT32025	MANAGEMENT SCIENCE	11	25	0
16JG5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	11	7	0
16JG5A0207	RT32027	POWER ELECTRONICS LAB	10	21	2
16JG5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	5	11	0
16JG5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	31	3
16JG5A0208	RT32022	SWITCHGEAR AND PROTECTION	19	43	3
16JG5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	12	35	3
16JG5A0208	RT32024	POWER SYSTEM ANALYSIS	17	24	3
16JG5A0208	RT32025	MANAGEMENT SCIENCE	21	35	3
16JG5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	18	36	3
16JG5A0208	RT32027	POWER ELECTRONICS LAB	23	23	2
16JG5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	21	20	2
16JG5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	37	3
16JG5A0209	RT32022	SWITCHGEAR AND PROTECTION	23	41	3
16JG5A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	14	46	3
16JG5A0209	RT32024	POWER SYSTEM ANALYSIS	18	43	3
16JG5A0209	RT32025	MANAGEMENT SCIENCE	18	44	3
16JG5A0209	RT32026	POWER SEMICONDUCTOR DRIVES	16	49	3
16JG5A0209	RT32027	POWER ELECTRONICS LAB	22	38	2
16JG5A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	20	31	2
16JG5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	16	0
16JG5A0210	RT32022	SWITCHGEAR AND PROTECTION	19	50	3
16JG5A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	45	3
16JG5A0210	RT32024	POWER SYSTEM ANALYSIS	23	29	3
16JG5A0210	RT32025	MANAGEMENT SCIENCE	20	46	3

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0210	RT32026	POWER SEMICONDUCTOR DRIVES	22	55	3
16JG5A0210	RT32027	POWER ELECTRONICS LAB	24	40	2
16JG5A0210	RT32028	ELECTRICAL MEASUREMENTS LAB	21	32	2
16JG5A0211	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	40	3
16JG5A0211	RT32022	SWITCHGEAR AND PROTECTION	18	26	3
16JG5A0211	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	33	3
16JG5A0211	RT32024	POWER SYSTEM ANALYSIS	16	26	3
16JG5A0211	RT32025	MANAGEMENT SCIENCE	19	53	3
16JG5A0211	RT32026	POWER SEMICONDUCTOR DRIVES	13	27	3
16JG5A0211	RT32027	POWER ELECTRONICS LAB	20	32	2
16JG5A0211	RT32028	ELECTRICAL MEASUREMENTS LAB	14	34	2
16JG5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	47	3
16JG5A0212	RT32022	SWITCHGEAR AND PROTECTION	22	49	3
16JG5A0212	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	44	3
16JG5A0212	RT32024	POWER SYSTEM ANALYSIS	23	24	3
16JG5A0212	RT32025	MANAGEMENT SCIENCE	24	54	3
16JG5A0212	RT32026	POWER SEMICONDUCTOR DRIVES	23	26	3
16JG5A0212	RT32027	POWER ELECTRONICS LAB	24	47	2
16JG5A0212	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
16JG5A0213	RT32021	MICROPROCESSORS & MICROCONTROLLERS	15	37	3
16JG5A0213	RT32022	SWITCHGEAR AND PROTECTION	12	21	0
16JG5A0213	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	26	3
16JG5A0213	RT32024	POWER SYSTEM ANALYSIS	17	25	3
16JG5A0213	RT32025	MANAGEMENT SCIENCE	15	16	0
16JG5A0213	RT32026	POWER SEMICONDUCTOR DRIVES	16	32	3
16JG5A0213	RT32027	POWER ELECTRONICS LAB	21	20	2
16JG5A0213	RT32028	ELECTRICAL MEASUREMENTS LAB	20	28	2
16JG5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	13	0
16JG5A0401	RT32042	DIGITAL SIGNAL PROCESSING	19	18	0
16JG5A0401	RT32043	DIGITAL COMMUNICATIONS	19	41	3
16JG5A0401	RT32044	MICROWAVE ENGINEERING	17	32	3
16JG5A0401	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
16JG5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	32	2
16JG5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2
16JG5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	45	2
16JG5A0401	RT32049	SEMINAR	42	0	1
16JG5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	44	3
16JG5A0402	RT32042	DIGITAL SIGNAL PROCESSING	25	25	3
16JG5A0402	RT32043	DIGITAL COMMUNICATIONS	25	44	3
16JG5A0402	RT32044	MICROWAVE ENGINEERING	12	28	3
16JG5A0402	RT32045A	BIO MEDICAL ENGINEERING	21	24	3
16JG5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	38	2
16JG5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
16JG5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	13	30	2
16JG5A0402	RT32049	SEMINAR	46	0	1
16JG5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	27	3
16JG5A0404	RT32042	DIGITAL SIGNAL PROCESSING	17	34	3
16JG5A0404	RT32043	DIGITAL COMMUNICATIONS	24	36	3
16JG5A0404	RT32044	MICROWAVE ENGINEERING	17	44	3
16JG5A0404	RT32045A	BIO MEDICAL ENGINEERING	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	21	2
16JG5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	24	30	2
16JG5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	16	30	2
16JG5A0404	RT32049	SEMINAR	45	0	1
16JG5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	30	3
16JG5A0405	RT32042	DIGITAL SIGNAL PROCESSING	18	51	3
16JG5A0405	RT32043	DIGITAL COMMUNICATIONS	23	45	3
16JG5A0405	RT32044	MICROWAVE ENGINEERING	14	40	3
16JG5A0405	RT32045A	BIO MEDICAL ENGINEERING	19	32	3
16JG5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	37	2
16JG5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	24	36	2
16JG5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	15	42	2
16JG5A0405	RT32049	SEMINAR	46	0	1
16JG5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3
16JG5A0406	RT32042	DIGITAL SIGNAL PROCESSING	25	34	3
16JG5A0406	RT32043	DIGITAL COMMUNICATIONS	20	41	3
16JG5A0406	RT32044	MICROWAVE ENGINEERING	19	46	3
16JG5A0406	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
16JG5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	35	2
16JG5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
16JG5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	17	42	2
16JG5A0406	RT32049	SEMINAR	48	0	1
16JG5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	13	33	3
16JG5A0407	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
16JG5A0407	RT32043	DIGITAL COMMUNICATIONS	21	11	0
16JG5A0407	RT32044	MICROWAVE ENGINEERING	20	28	3
16JG5A0407	RT32045A	BIO MEDICAL ENGINEERING	12	28	3
16JG5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	26	2
16JG5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	19	44	2
16JG5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	31	2
16JG5A0407	RT32049	SEMINAR	42	0	1
16JG5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	7	-1	0
16JG5A0408	RT32042	DIGITAL SIGNAL PROCESSING	9	-1	0
16JG5A0408	RT32043	DIGITAL COMMUNICATIONS	13	-1	0
16JG5A0408	RT32044	MICROWAVE ENGINEERING	10	-1	0
16JG5A0408	RT32045A	BIO MEDICAL ENGINEERING	0	-1	0
16JG5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	9	-1	0
16JG5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	2	-1	0
16JG5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	1	-1	0
16JG5A0408	RT32049	SEMINAR	20	0	1
16JG5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	18	0
16JG5A0409	RT32042	DIGITAL SIGNAL PROCESSING	20	37	3
16JG5A0409	RT32043	DIGITAL COMMUNICATIONS	17	35	3
16JG5A0409	RT32044	MICROWAVE ENGINEERING	23	32	3
16JG5A0409	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
16JG5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	32	2
16JG5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	19	40	2
16JG5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	32	2
16JG5A0409	RT32049	SEMINAR	40	0	1
16JG5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0410	RT32042	DIGITAL SIGNAL PROCESSING	26	28	3
16JG5A0410	RT32043	DIGITAL COMMUNICATIONS	27	42	3
16JG5A0410	RT32044	MICROWAVE ENGINEERING	26	43	3
16JG5A0410	RT32045A	BIO MEDICAL ENGINEERING	25	37	3
16JG5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
16JG5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
16JG5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
16JG5A0410	RT32049	SEMINAR	47	0	1
16JG5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	12	40	3
16JG5A0411	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
16JG5A0411	RT32043	DIGITAL COMMUNICATIONS	16	42	3
16JG5A0411	RT32044	MICROWAVE ENGINEERING	18	52	3
16JG5A0411	RT32045A	BIO MEDICAL ENGINEERING	15	33	3
16JG5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	13	0
16JG5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
16JG5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	25	2
16JG5A0411	RT32049	SEMINAR	38	0	1
16JG5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	43	3
16JG5A0412	RT32042	DIGITAL SIGNAL PROCESSING	16	37	3
16JG5A0412	RT32043	DIGITAL COMMUNICATIONS	18	39	3
16JG5A0412	RT32044	MICROWAVE ENGINEERING	22	40	3
16JG5A0412	RT32045A	BIO MEDICAL ENGINEERING	18	34	3
16JG5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	11	0
16JG5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	20	45	2
16JG5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	28	2
16JG5A0412	RT32049	SEMINAR	45	0	1
16JG5A0501	RT32051	SOFTWARE ENGINEERING	24	46	3
16JG5A0501	RT32052	DATA WARE HOUSING AND MINING	25	35	3
16JG5A0501	RT32053	COMPUTER NETWORKS	26	33	3
16JG5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	42	3
16JG5A0501	RT32055	WEB TECHNOLOGIES	27	42	3
16JG5A0501	RT32056	IPR AND PATENTS	25	49	2
16JG5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
16JG5A0501	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
16JG5A0501	RT32059	WEB TECHNOLOGIES LAB	25	45	2
16JG5A0502	RT32051	SOFTWARE ENGINEERING	17	54	3
16JG5A0502	RT32052	DATA WARE HOUSING AND MINING	16	26	3
16JG5A0502	RT32053	COMPUTER NETWORKS	18	36	3
16JG5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	32	3
16JG5A0502	RT32055	WEB TECHNOLOGIES	18	38	3
16JG5A0502	RT32056	IPR AND PATENTS	24	35	2
16JG5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	17	30	2
16JG5A0502	RT32058	SOFTWARE ENGINEERING LAB	19	32	2
16JG5A0502	RT32059	WEB TECHNOLOGIES LAB	21	31	2
16JG5A0503	RT32051	SOFTWARE ENGINEERING	15	25	3
16JG5A0503	RT32052	DATA WARE HOUSING AND MINING	16	40	3
16JG5A0503	RT32053	COMPUTER NETWORKS	19	31	3
16JG5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	34	3
16JG5A0503	RT32055	WEB TECHNOLOGIES	21	27	3
16JG5A0503	RT32056	IPR AND PATENTS	19	57	2

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	38	2
16JG5A0503	RT32058	SOFTWARE ENGINEERING LAB	19	28	2
16JG5A0503	RT32059	WEB TECHNOLOGIES LAB	20	34	2
16JG5A0504	RT32051	SOFTWARE ENGINEERING	16	0	0
16JG5A0504	RT32052	DATA WARE HOUSING AND MINING	14	26	3
16JG5A0504	RT32053	COMPUTER NETWORKS	20	24	3
16JG5A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	6	0
16JG5A0504	RT32055	WEB TECHNOLOGIES	18	31	3
16JG5A0504	RT32056	IPR AND PATENTS	22	17	0
16JG5A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	27	2
16JG5A0504	RT32058	SOFTWARE ENGINEERING LAB	19	39	2
16JG5A0504	RT32059	WEB TECHNOLOGIES LAB	19	35	2
16JG5A0505	RT32051	SOFTWARE ENGINEERING	25	40	3
16JG5A0505	RT32052	DATA WARE HOUSING AND MINING	25	40	3
16JG5A0505	RT32053	COMPUTER NETWORKS	25	29	3
16JG5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	45	3
16JG5A0505	RT32055	WEB TECHNOLOGIES	25	42	3
16JG5A0505	RT32056	IPR AND PATENTS	22	52	2
16JG5A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
16JG5A0505	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
16JG5A0505	RT32059	WEB TECHNOLOGIES LAB	25	47	2
16JG5A0506	RT32051	SOFTWARE ENGINEERING	20	59	3
16JG5A0506	RT32052	DATA WARE HOUSING AND MINING	19	26	3
16JG5A0506	RT32053	COMPUTER NETWORKS	24	32	3
16JG5A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	37	3
16JG5A0506	RT32055	WEB TECHNOLOGIES	24	39	3
16JG5A0506	RT32056	IPR AND PATENTS	22	44	2
16JG5A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	39	2
16JG5A0506	RT32058	SOFTWARE ENGINEERING LAB	24	42	2
16JG5A0506	RT32059	WEB TECHNOLOGIES LAB	23	38	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