



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for IV B.Tech I Semester [R13/R10] Regular/Supplementary Examinations Oct/Nov-2018

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

Htno	Subcode	Subname	Internal	External	Credits
10JG1A0447	R41041	OPTICAL COMMUNICATIONS	10	29	0
10JG1A0447	R41043	DIGITAL IMAGE PROCESSING	12	15	0
11JG1A0536	R41057	OPEN SOURCE SOFTWARE	16	-1	0
11JG1A1226	R41126	INFORMATION RETRIEVAL SYSTEMS	3	15	0
12JG1A0208	R41022	HIGH VOLTAGE ENGINEERING	13	15	0
12JG1A0208	R41023	SWITCH GEAR & PROTECTION	10	14	0
12JG1A0208	R41024	POWER SYSTEM OPERATION & CONTROL	12	15	0
12JG1A0495	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	27	4
12JG1A04A8	R41041	OPTICAL COMMUNICATIONS	4	21	0
12JG1A04A8	R41043	DIGITAL IMAGE PROCESSING	5	8	0
12JG1A04A8	R41044	RADAR SYSTEMS	0	11	0
12JG1A04A8	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	0	17	0
12JG1A04A8	R41048	BIO-MEDICAL ENGINEERING	5	0	0
12JG1A0537	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	35	4
12JG1A0537	R41053	DATA WARE HOUSING AND DATA MINING	11	18	0
12JG1A0537	R41054	MOBILE COMPUTING	11	33	4
12JG1A0537	R41057	OPEN SOURCE SOFTWARE	12	10	0
12JG1A0537	R4105A	CLOUD COMPUTING	0	26	0
12JG1A1218	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	0	0
12JG1A1218	R41129	ARTIFICIAL INTELLIGENCE	0	16	0
13JG1A0217	RT41025	INSTRUMENTATION	12	-1	0
13JG1A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	5	-1	0
13JG1A0219	RT41025	INSTRUMENTATION	2	-1	0
13JG1A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	2	-1	0
13JG1A0252	RT41025	INSTRUMENTATION	8	-1	0
13JG1A0405	RT41043	DIGITAL IMAGE PROCESSING	10	25	0
13JG1A0419	RT41048	RADAR SYSTEMS	12	37	3
13JG1A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	14	0
13JG1A0459	RT41043	DIGITAL IMAGE PROCESSING	15	11	0
13JG1A0486	RT41041	VLSI DESIGN	11	26	0
13JG1A0486	RT41042	COMPUTER NETWORKS	13	16	0
13JG1A0486	RT41043	DIGITAL IMAGE PROCESSING	13	-1	0
13JG1A0486	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	-1	0
13JG1A0486	RT41048	RADAR SYSTEMS	9	14	0
13JG1A0486	RT4104A	OPTICAL COMMUNICATION	17	24	3
13JG1A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	29	3
13JG1A1201	RT41053	MOBILE COMPUTING	12	-1	0
13JG1A1201	RT41056	INFORMATION RETRIEVAL SYSTEMS	17	-1	0
13JG1A1201	RT4105B	HADOOP AND BIG DATA	13	-1	0
13JG1A1206	RT41053	MOBILE COMPUTING	11	10	0
13JG1A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	24	0
13JG1A1207	RT41056	INFORMATION RETRIEVAL SYSTEMS	7	-1	0
14JG1A0237	RT41025	INSTRUMENTATION	12	42	3
14JG1A0402	RT41041	VLSI DESIGN	12	28	3

Htno	Subcode	Subname	Internal	External	Credits
14JG1A0402	RT41043	DIGITAL IMAGE PROCESSING	12	15	0
14JG1A0435	RT41041	VLSI DESIGN	21	36	3
14JG1A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	27	3
14JG1A0454	RT41043	DIGITAL IMAGE PROCESSING	16	30	3
14JG1A0454	RT4104A	OPTICAL COMMUNICATION	10	30	3
14JG1A04A5	RT4104A	OPTICAL COMMUNICATION	11	27	0
14JG1A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	8	0
14JG1A0523	RT41053	MOBILE COMPUTING	17	34	3
14JG1A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	29	3
14JG1A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	10	18	0
14JG1A0531	RT4105B	HADOOP AND BIG DATA	13	15	0
14JG1A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	11	0
14JG1A0532	RT41053	MOBILE COMPUTING	14	-1	0
14JG1A0532	RT4105B	HADOOP AND BIG DATA	10	-1	0
14JG1A0535	RT41053	MOBILE COMPUTING	19	5	0
14JG1A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
14JG1A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	7	0
14JG1A0598	RT41052	UML AND DESIGN PATTERNS	16	34	3
14JG1A0598	RT41053	MOBILE COMPUTING	18	30	3
14JG1A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	20	27	3
14JG1A0598	RT4105B	HADOOP AND BIG DATA	16	26	3
14JG1A0598	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
14JG1A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	33	2
14JG1A0598	RT4105N	SOFTWARE TESTING LAB	23	42	2
14JG1A0598	RT4105O	HADOOP AND BIGDATA LAB	22	39	2
14JG1A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	11	0
14JG1A1212	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	16	0
14JG1A1224	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	8	0	0
14JG1A1224	RT41052	UML AND DESIGN PATTERNS	2	9	0
14JG1A1224	RT41053	MOBILE COMPUTING	9	0	0
14JG1A1224	RT41056	INFORMATION RETRIEVAL SYSTEMS	2	16	0
14JG1A1224	RT4105B	HADOOP AND BIG DATA	2	7	0
14JG1A1224	RT4112L	UML AND DESIGN PATTERNS LAB	12	22	2
14JG1A1224	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	15	25	2
14JG1A1224	RT4112N	SOFTWARE ENGINEERING LAB	16	35	2
14JG1A1224	RT4112O	HADOOP AND BIGDATA LAB	14	18	2
15JG1A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	47	3
15JG1A0201	RT41022	HVAC AND DC TRANSMISSION	23	57	3
15JG1A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	30	3
15JG1A0201	RT41025	INSTRUMENTATION	21	46	3
15JG1A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
15JG1A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15JG1A0201	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
15JG1A0201	RT4102N	POWER SYSTEMS LAB	23	47	2
15JG1A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	31	3
15JG1A0202	RT41022	HVAC AND DC TRANSMISSION	20	60	3
15JG1A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	50	3
15JG1A0202	RT41025	INSTRUMENTATION	26	35	3
15JG1A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	63	3
15JG1A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0202	RT4102M	ELECTRICAL SIMULATION LAB	22	39	2
15JG1A0202	RT4102N	POWER SYSTEMS LAB	23	47	2
15JG1A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	34	3
15JG1A0203	RT41022	HVAC AND DC TRANSMISSION	25	32	3
15JG1A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	43	3
15JG1A0203	RT41025	INSTRUMENTATION	24	45	3
15JG1A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	43	3
15JG1A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15JG1A0203	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15JG1A0203	RT4102N	POWER SYSTEMS LAB	25	48	2
15JG1A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	38	3
15JG1A0204	RT41022	HVAC AND DC TRANSMISSION	21	25	3
15JG1A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	14	30	3
15JG1A0204	RT41025	INSTRUMENTATION	17	58	3
15JG1A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	34	3
15JG1A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	32	2
15JG1A0204	RT4102M	ELECTRICAL SIMULATION LAB	19	36	2
15JG1A0204	RT4102N	POWER SYSTEMS LAB	20	40	2
15JG1A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	12	15	0
15JG1A0205	RT41022	HVAC AND DC TRANSMISSION	20	49	3
15JG1A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	15	0
15JG1A0205	RT41025	INSTRUMENTATION	16	13	0
15JG1A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	27	3
15JG1A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	27	2
15JG1A0205	RT4102M	ELECTRICAL SIMULATION LAB	21	29	2
15JG1A0205	RT4102N	POWER SYSTEMS LAB	19	43	2
15JG1A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	32	3
15JG1A0206	RT41022	HVAC AND DC TRANSMISSION	12	38	3
15JG1A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	9	32	3
15JG1A0206	RT41025	INSTRUMENTATION	17	30	3
15JG1A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	12	41	3
15JG1A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	25	2
15JG1A0206	RT4102M	ELECTRICAL SIMULATION LAB	20	25	2
15JG1A0206	RT4102N	POWER SYSTEMS LAB	19	37	2
15JG1A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	37	3
15JG1A0207	RT41022	HVAC AND DC TRANSMISSION	22	24	3
15JG1A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	41	3
15JG1A0207	RT41025	INSTRUMENTATION	22	37	3
15JG1A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	40	3
15JG1A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
15JG1A0207	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15JG1A0207	RT4102N	POWER SYSTEMS LAB	20	44	2
15JG1A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	54	3
15JG1A0208	RT41022	HVAC AND DC TRANSMISSION	23	42	3
15JG1A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	31	3
15JG1A0208	RT41025	INSTRUMENTATION	22	60	3
15JG1A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	38	3
15JG1A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	35	2
15JG1A0208	RT4102M	ELECTRICAL SIMULATION LAB	21	42	2
15JG1A0208	RT4102N	POWER SYSTEMS LAB	23	41	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	42	3
15JG1A0209	RT41022	HVAC AND DC TRANSMISSION	20	58	3
15JG1A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	29	3
15JG1A0209	RT41025	INSTRUMENTATION	25	46	3
15JG1A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	55	3
15JG1A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	33	2
15JG1A0209	RT4102M	ELECTRICAL SIMULATION LAB	22	46	2
15JG1A0209	RT4102N	POWER SYSTEMS LAB	22	45	2
15JG1A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	27	3
15JG1A0210	RT41022	HVAC AND DC TRANSMISSION	23	36	3
15JG1A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	40	3
15JG1A0210	RT41025	INSTRUMENTATION	28	41	3
15JG1A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	50	3
15JG1A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15JG1A0210	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
15JG1A0210	RT4102N	POWER SYSTEMS LAB	22	45	2
15JG1A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	47	3
15JG1A0211	RT41022	HVAC AND DC TRANSMISSION	21	36	3
15JG1A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	45	3
15JG1A0211	RT41025	INSTRUMENTATION	24	49	3
15JG1A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	56	3
15JG1A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
15JG1A0211	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15JG1A0211	RT4102N	POWER SYSTEMS LAB	22	47	2
15JG1A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	61	3
15JG1A0212	RT41022	HVAC AND DC TRANSMISSION	26	36	3
15JG1A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	41	3
15JG1A0212	RT41025	INSTRUMENTATION	25	62	3
15JG1A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	44	3
15JG1A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15JG1A0212	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
15JG1A0212	RT4102N	POWER SYSTEMS LAB	25	46	2
15JG1A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	46	3
15JG1A0213	RT41022	HVAC AND DC TRANSMISSION	27	54	3
15JG1A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	43	3
15JG1A0213	RT41025	INSTRUMENTATION	23	51	3
15JG1A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	55	3
15JG1A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15JG1A0213	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
15JG1A0213	RT4102N	POWER SYSTEMS LAB	24	48	2
15JG1A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	34	3
15JG1A0214	RT41022	HVAC AND DC TRANSMISSION	26	50	3
15JG1A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	38	3
15JG1A0214	RT41025	INSTRUMENTATION	29	47	3
15JG1A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	60	3
15JG1A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
15JG1A0214	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
15JG1A0214	RT4102N	POWER SYSTEMS LAB	24	47	2
15JG1A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	37	3
15JG1A0215	RT41022	HVAC AND DC TRANSMISSION	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	44	3
15JG1A0215	RT41025	INSTRUMENTATION	23	43	3
15JG1A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	49	3
15JG1A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15JG1A0215	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
15JG1A0215	RT4102N	POWER SYSTEMS LAB	24	44	2
15JG1A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	45	3
15JG1A0216	RT41022	HVAC AND DC TRANSMISSION	21	30	3
15JG1A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	15	30	3
15JG1A0216	RT41025	INSTRUMENTATION	18	44	3
15JG1A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	61	3
15JG1A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	45	2
15JG1A0216	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15JG1A0216	RT4102N	POWER SYSTEMS LAB	22	44	2
15JG1A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	34	3
15JG1A0217	RT41022	HVAC AND DC TRANSMISSION	20	50	3
15JG1A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	34	3
15JG1A0217	RT41025	INSTRUMENTATION	21	45	3
15JG1A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	37	3
15JG1A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	39	2
15JG1A0217	RT4102M	ELECTRICAL SIMULATION LAB	20	41	2
15JG1A0217	RT4102N	POWER SYSTEMS LAB	24	44	2
15JG1A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	31	3
15JG1A0218	RT41022	HVAC AND DC TRANSMISSION	25	39	3
15JG1A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	49	3
15JG1A0218	RT41025	INSTRUMENTATION	23	41	3
15JG1A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	38	3
15JG1A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	29	2
15JG1A0218	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
15JG1A0218	RT4102N	POWER SYSTEMS LAB	23	47	2
15JG1A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	31	3
15JG1A0219	RT41022	HVAC AND DC TRANSMISSION	21	34	3
15JG1A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	58	3
15JG1A0219	RT41025	INSTRUMENTATION	22	46	3
15JG1A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	47	3
15JG1A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	33	2
15JG1A0219	RT4102M	ELECTRICAL SIMULATION LAB	23	42	2
15JG1A0219	RT4102N	POWER SYSTEMS LAB	23	48	2
15JG1A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	55	3
15JG1A0220	RT41022	HVAC AND DC TRANSMISSION	24	42	3
15JG1A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	42	3
15JG1A0220	RT41025	INSTRUMENTATION	23	58	3
15JG1A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	52	3
15JG1A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	35	2
15JG1A0220	RT4102M	ELECTRICAL SIMULATION LAB	20	46	2
15JG1A0220	RT4102N	POWER SYSTEMS LAB	21	45	2
15JG1A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	36	3
15JG1A0221	RT41022	HVAC AND DC TRANSMISSION	17	40	3
15JG1A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	26	3
15JG1A0221	RT41025	INSTRUMENTATION	19	52	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	42	3
15JG1A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	31	2
15JG1A0221	RT4102M	ELECTRICAL SIMULATION LAB	20	39	2
15JG1A0221	RT4102N	POWER SYSTEMS LAB	22	46	2
15JG1A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	24	3
15JG1A0222	RT41022	HVAC AND DC TRANSMISSION	26	44	3
15JG1A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	46	3
15JG1A0222	RT41025	INSTRUMENTATION	23	32	3
15JG1A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	59	3
15JG1A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15JG1A0222	RT4102M	ELECTRICAL SIMULATION LAB	21	42	2
15JG1A0222	RT4102N	POWER SYSTEMS LAB	22	46	2
15JG1A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	37	3
15JG1A0223	RT41022	HVAC AND DC TRANSMISSION	24	41	3
15JG1A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	49	3
15JG1A0223	RT41025	INSTRUMENTATION	24	50	3
15JG1A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	41	3
15JG1A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
15JG1A0223	RT4102M	ELECTRICAL SIMULATION LAB	24	40	2
15JG1A0223	RT4102N	POWER SYSTEMS LAB	22	48	2
15JG1A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	70	3
15JG1A0224	RT41022	HVAC AND DC TRANSMISSION	27	56	3
15JG1A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	38	3
15JG1A0224	RT41025	INSTRUMENTATION	24	58	3
15JG1A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	70	3
15JG1A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15JG1A0224	RT4102M	ELECTRICAL SIMULATION LAB	24	44	2
15JG1A0224	RT4102N	POWER SYSTEMS LAB	25	45	2
15JG1A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	45	3
15JG1A0225	RT41022	HVAC AND DC TRANSMISSION	22	55	3
15JG1A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	35	3
15JG1A0225	RT41025	INSTRUMENTATION	24	59	3
15JG1A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	59	3
15JG1A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	38	2
15JG1A0225	RT4102M	ELECTRICAL SIMULATION LAB	24	41	2
15JG1A0225	RT4102N	POWER SYSTEMS LAB	23	47	2
15JG1A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	32	3
15JG1A0226	RT41022	HVAC AND DC TRANSMISSION	22	40	3
15JG1A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	43	3
15JG1A0226	RT41025	INSTRUMENTATION	22	50	3
15JG1A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	62	3
15JG1A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
15JG1A0226	RT4102M	ELECTRICAL SIMULATION LAB	21	48	2
15JG1A0226	RT4102N	POWER SYSTEMS LAB	23	49	2
15JG1A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	30	3
15JG1A0227	RT41022	HVAC AND DC TRANSMISSION	23	35	3
15JG1A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	37	3
15JG1A0227	RT41025	INSTRUMENTATION	21	43	3
15JG1A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	30	3
15JG1A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	36	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0227	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
15JG1A0227	RT4102N	POWER SYSTEMS LAB	25	46	2
15JG1A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	14	39	3
15JG1A0228	RT41022	HVAC AND DC TRANSMISSION	16	29	3
15JG1A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	14	13	0
15JG1A0228	RT41025	INSTRUMENTATION	18	42	3
15JG1A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	25	3
15JG1A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	37	2
15JG1A0228	RT4102M	ELECTRICAL SIMULATION LAB	20	29	2
15JG1A0228	RT4102N	POWER SYSTEMS LAB	21	39	2
15JG1A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	15	28	3
15JG1A0229	RT41022	HVAC AND DC TRANSMISSION	13	45	3
15JG1A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	13	19	0
15JG1A0229	RT41025	INSTRUMENTATION	15	48	3
15JG1A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	36	3
15JG1A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	32	2
15JG1A0229	RT4102M	ELECTRICAL SIMULATION LAB	20	32	2
15JG1A0229	RT4102N	POWER SYSTEMS LAB	22	37	2
15JG1A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	24	3
15JG1A0230	RT41022	HVAC AND DC TRANSMISSION	20	37	3
15JG1A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	36	3
15JG1A0230	RT41025	INSTRUMENTATION	19	45	3
15JG1A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	48	3
15JG1A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15JG1A0230	RT4102M	ELECTRICAL SIMULATION LAB	17	37	2
15JG1A0230	RT4102N	POWER SYSTEMS LAB	22	45	2
15JG1A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	36	3
15JG1A0231	RT41022	HVAC AND DC TRANSMISSION	22	24	3
15JG1A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	38	3
15JG1A0231	RT41025	INSTRUMENTATION	20	46	3
15JG1A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	33	3
15JG1A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15JG1A0231	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15JG1A0231	RT4102N	POWER SYSTEMS LAB	24	47	2
15JG1A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	51	3
15JG1A0232	RT41022	HVAC AND DC TRANSMISSION	25	46	3
15JG1A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	33	3
15JG1A0232	RT41025	INSTRUMENTATION	27	70	3
15JG1A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
15JG1A0232	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15JG1A0232	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
15JG1A0232	RT4102N	POWER SYSTEMS LAB	22	47	2
15JG1A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	33	3
15JG1A0233	RT41022	HVAC AND DC TRANSMISSION	26	53	3
15JG1A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	32	3
15JG1A0233	RT41025	INSTRUMENTATION	23	51	3
15JG1A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	54	3
15JG1A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15JG1A0233	RT4102M	ELECTRICAL SIMULATION LAB	24	43	2
15JG1A0233	RT4102N	POWER SYSTEMS LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	15	25	3
15JG1A0234	RT41022	HVAC AND DC TRANSMISSION	17	48	3
15JG1A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	15	39	3
15JG1A0234	RT41025	INSTRUMENTATION	17	38	3
15JG1A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	48	3
15JG1A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	36	2
15JG1A0234	RT4102M	ELECTRICAL SIMULATION LAB	23	32	2
15JG1A0234	RT4102N	POWER SYSTEMS LAB	23	46	2
15JG1A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	39	3
15JG1A0235	RT41022	HVAC AND DC TRANSMISSION	19	24	3
15JG1A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	48	3
15JG1A0235	RT41025	INSTRUMENTATION	20	51	3
15JG1A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	33	3
15JG1A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15JG1A0235	RT4102M	ELECTRICAL SIMULATION LAB	24	40	2
15JG1A0235	RT4102N	POWER SYSTEMS LAB	24	46	2
15JG1A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	43	3
15JG1A0236	RT41022	HVAC AND DC TRANSMISSION	22	40	3
15JG1A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	24	3
15JG1A0236	RT41025	INSTRUMENTATION	22	65	3
15JG1A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	56	3
15JG1A0236	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
15JG1A0236	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
15JG1A0236	RT4102N	POWER SYSTEMS LAB	23	46	2
15JG1A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	47	3
15JG1A0237	RT41022	HVAC AND DC TRANSMISSION	28	55	3
15JG1A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	35	3
15JG1A0237	RT41025	INSTRUMENTATION	24	61	3
15JG1A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	55	3
15JG1A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2
15JG1A0237	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
15JG1A0237	RT4102N	POWER SYSTEMS LAB	23	48	2
15JG1A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	29	3
15JG1A0238	RT41022	HVAC AND DC TRANSMISSION	24	40	3
15JG1A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	48	3
15JG1A0238	RT41025	INSTRUMENTATION	27	46	3
15JG1A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	62	3
15JG1A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15JG1A0238	RT4102M	ELECTRICAL SIMULATION LAB	21	38	2
15JG1A0238	RT4102N	POWER SYSTEMS LAB	22	45	2
15JG1A0239	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	43	3
15JG1A0239	RT41022	HVAC AND DC TRANSMISSION	29	47	3
15JG1A0239	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	45	3
15JG1A0239	RT41025	INSTRUMENTATION	26	61	3
15JG1A0239	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	45	3
15JG1A0239	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15JG1A0239	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15JG1A0239	RT4102N	POWER SYSTEMS LAB	24	48	2
15JG1A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	60	3
15JG1A0240	RT41022	HVAC AND DC TRANSMISSION	20	45	3



Htno	Subcode	Subname	Internal	External	Credits
15JG1A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	32	3
15JG1A0240	RT41025	INSTRUMENTATION	20	63	3
15JG1A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	49	3
15JG1A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	37	2
15JG1A0240	RT4102M	ELECTRICAL SIMULATION LAB	24	40	2
15JG1A0240	RT4102N	POWER SYSTEMS LAB	24	39	2
15JG1A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	42	3
15JG1A0241	RT41022	HVAC AND DC TRANSMISSION	25	52	3
15JG1A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	34	3
15JG1A0241	RT41025	INSTRUMENTATION	23	59	3
15JG1A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	54	3
15JG1A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15JG1A0241	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
15JG1A0241	RT4102N	POWER SYSTEMS LAB	23	47	2
15JG1A0401	RT41041	VLSI DESIGN	21	50	3
15JG1A0401	RT41042	COMPUTER NETWORKS	19	55	3
15JG1A0401	RT41043	DIGITAL IMAGE PROCESSING	26	37	3
15JG1A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	65	3
15JG1A0401	RT41048	RADAR SYSTEMS	24	61	3
15JG1A0401	RT4104A	OPTICAL COMMUNICATION	20	60	3
15JG1A0401	RT4104L	V L S I LAB	24	46	2
15JG1A0401	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15JG1A0402	RT41041	VLSI DESIGN	21	39	3
15JG1A0402	RT41042	COMPUTER NETWORKS	20	27	3
15JG1A0402	RT41043	DIGITAL IMAGE PROCESSING	24	14	0
15JG1A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	31	3
15JG1A0402	RT41048	RADAR SYSTEMS	23	16	0
15JG1A0402	RT4104A	OPTICAL COMMUNICATION	20	31	3
15JG1A0402	RT4104L	V L S I LAB	22	46	2
15JG1A0402	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15JG1A0403	RT41041	VLSI DESIGN	22	36	3
15JG1A0403	RT41042	COMPUTER NETWORKS	22	45	3
15JG1A0403	RT41043	DIGITAL IMAGE PROCESSING	21	34	3
15JG1A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	24	3
15JG1A0403	RT41048	RADAR SYSTEMS	26	50	3
15JG1A0403	RT4104A	OPTICAL COMMUNICATION	26	48	3
15JG1A0403	RT4104L	V L S I LAB	23	47	2
15JG1A0403	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15JG1A0404	RT41041	VLSI DESIGN	20	53	3
15JG1A0404	RT41042	COMPUTER NETWORKS	20	40	3
15JG1A0404	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15JG1A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	30	3
15JG1A0404	RT41048	RADAR SYSTEMS	22	28	3
15JG1A0404	RT4104A	OPTICAL COMMUNICATION	23	46	3
15JG1A0404	RT4104L	V L S I LAB	25	48	2
15JG1A0404	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15JG1A0405	RT41041	VLSI DESIGN	17	37	3
15JG1A0405	RT41042	COMPUTER NETWORKS	14	29	3
15JG1A0405	RT41043	DIGITAL IMAGE PROCESSING	11	7	0
15JG1A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	33	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0405	RT41048	RADAR SYSTEMS	13	36	3
15JG1A0405	RT4104A	OPTICAL COMMUNICATION	21	35	3
15JG1A0405	RT4104L	V L S I LAB	23	38	2
15JG1A0405	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
15JG1A0406	RT41041	VLSI DESIGN	18	26	3
15JG1A0406	RT41042	COMPUTER NETWORKS	18	25	3
15JG1A0406	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
15JG1A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	29	3
15JG1A0406	RT41048	RADAR SYSTEMS	12	16	0
15JG1A0406	RT4104A	OPTICAL COMMUNICATION	15	26	3
15JG1A0406	RT4104L	V L S I LAB	21	42	2
15JG1A0406	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
15JG1A0407	RT41041	VLSI DESIGN	15	27	3
15JG1A0407	RT41042	COMPUTER NETWORKS	17	35	3
15JG1A0407	RT41043	DIGITAL IMAGE PROCESSING	17	32	3
15JG1A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	24	3
15JG1A0407	RT41048	RADAR SYSTEMS	15	44	3
15JG1A0407	RT4104A	OPTICAL COMMUNICATION	23	-1	0
15JG1A0407	RT4104L	V L S I LAB	22	43	2
15JG1A0407	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15JG1A0408	RT41041	VLSI DESIGN	11	41	3
15JG1A0408	RT41042	COMPUTER NETWORKS	14	36	3
15JG1A0408	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
15JG1A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
15JG1A0408	RT41048	RADAR SYSTEMS	16	25	3
15JG1A0408	RT4104A	OPTICAL COMMUNICATION	10	30	3
15JG1A0408	RT4104L	V L S I LAB	19	42	2
15JG1A0408	RT4104M	MICROWAVE ENGINEERING LAB	21	37	2
15JG1A0409	RT41041	VLSI DESIGN	19	51	3
15JG1A0409	RT41042	COMPUTER NETWORKS	21	44	3
15JG1A0409	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
15JG1A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	66	3
15JG1A0409	RT41048	RADAR SYSTEMS	23	61	3
15JG1A0409	RT4104A	OPTICAL COMMUNICATION	27	50	3
15JG1A0409	RT4104L	V L S I LAB	21	44	2
15JG1A0409	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15JG1A0410	RT41041	VLSI DESIGN	20	37	3
15JG1A0410	RT41042	COMPUTER NETWORKS	19	33	3
15JG1A0410	RT41043	DIGITAL IMAGE PROCESSING	22	26	3
15JG1A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15JG1A0410	RT41048	RADAR SYSTEMS	25	27	3
15JG1A0410	RT4104A	OPTICAL COMMUNICATION	26	40	3
15JG1A0410	RT4104L	V L S I LAB	22	45	2
15JG1A0410	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
15JG1A0411	RT41041	VLSI DESIGN	16	28	3
15JG1A0411	RT41042	COMPUTER NETWORKS	18	37	3
15JG1A0411	RT41043	DIGITAL IMAGE PROCESSING	21	28	3
15JG1A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	34	3
15JG1A0411	RT41048	RADAR SYSTEMS	25	38	3
15JG1A0411	RT4104A	OPTICAL COMMUNICATION	21	38	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0411	RT4104L	V L S I LAB	21	43	2
15JG1A0411	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15JG1A0412	RT41041	VLSI DESIGN	13	32	3
15JG1A0412	RT41042	COMPUTER NETWORKS	13	29	3
15JG1A0412	RT41043	DIGITAL IMAGE PROCESSING	10	11	0
15JG1A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	27	3
15JG1A0412	RT41048	RADAR SYSTEMS	9	25	0
15JG1A0412	RT4104A	OPTICAL COMMUNICATION	13	27	3
15JG1A0412	RT4104L	V L S I LAB	20	31	2
15JG1A0412	RT4104M	MICROWAVE ENGINEERING LAB	17	30	2
15JG1A0413	RT41041	VLSI DESIGN	17	27	3
15JG1A0413	RT41042	COMPUTER NETWORKS	18	27	3
15JG1A0413	RT41043	DIGITAL IMAGE PROCESSING	15	18	0
15JG1A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	30	3
15JG1A0413	RT41048	RADAR SYSTEMS	20	31	3
15JG1A0413	RT4104A	OPTICAL COMMUNICATION	18	33	3
15JG1A0413	RT4104L	V L S I LAB	22	44	2
15JG1A0413	RT4104M	MICROWAVE ENGINEERING LAB	22	39	2
15JG1A0414	RT41041	VLSI DESIGN	12	13	0
15JG1A0414	RT41042	COMPUTER NETWORKS	13	28	3
15JG1A0414	RT41043	DIGITAL IMAGE PROCESSING	10	30	3
15JG1A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	30	3
15JG1A0414	RT41048	RADAR SYSTEMS	12	17	0
15JG1A0414	RT4104A	OPTICAL COMMUNICATION	13	12	0
15JG1A0414	RT4104L	V L S I LAB	19	31	2
15JG1A0414	RT4104M	MICROWAVE ENGINEERING LAB	17	38	2
15JG1A0415	RT41041	VLSI DESIGN	21	32	3
15JG1A0415	RT41042	COMPUTER NETWORKS	20	48	3
15JG1A0415	RT41043	DIGITAL IMAGE PROCESSING	26	30	3
15JG1A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	41	3
15JG1A0415	RT41048	RADAR SYSTEMS	24	70	3
15JG1A0415	RT4104A	OPTICAL COMMUNICATION	22	53	3
15JG1A0415	RT4104L	V L S I LAB	25	49	2
15JG1A0415	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15JG1A0416	RT41041	VLSI DESIGN	23	62	3
15JG1A0416	RT41042	COMPUTER NETWORKS	20	51	3
15JG1A0416	RT41043	DIGITAL IMAGE PROCESSING	21	52	3
15JG1A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	36	3
15JG1A0416	RT41048	RADAR SYSTEMS	23	38	3
15JG1A0416	RT4104A	OPTICAL COMMUNICATION	23	65	3
15JG1A0416	RT4104L	V L S I LAB	25	48	2
15JG1A0416	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15JG1A0417	RT41041	VLSI DESIGN	23	46	3
15JG1A0417	RT41042	COMPUTER NETWORKS	21	43	3
15JG1A0417	RT41043	DIGITAL IMAGE PROCESSING	26	16	0
15JG1A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	69	3
15JG1A0417	RT41048	RADAR SYSTEMS	21	49	3
15JG1A0417	RT4104A	OPTICAL COMMUNICATION	24	46	3
15JG1A0417	RT4104L	V L S I LAB	23	46	2
15JG1A0417	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0418	RT41041	VLSI DESIGN	20	32	3
15JG1A0418	RT41042	COMPUTER NETWORKS	21	31	3
15JG1A0418	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
15JG1A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	34	3
15JG1A0418	RT41048	RADAR SYSTEMS	19	29	3
15JG1A0418	RT4104A	OPTICAL COMMUNICATION	19	43	3
15JG1A0418	RT4104L	V L S I LAB	24	47	2
15JG1A0418	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JG1A0419	RT41041	VLSI DESIGN	18	28	3
15JG1A0419	RT41042	COMPUTER NETWORKS	19	39	3
15JG1A0419	RT41043	DIGITAL IMAGE PROCESSING	18	28	3
15JG1A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	10	0
15JG1A0419	RT41048	RADAR SYSTEMS	18	37	3
15JG1A0419	RT4104A	OPTICAL COMMUNICATION	22	33	3
15JG1A0419	RT4104L	V L S I LAB	22	45	2
15JG1A0419	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
15JG1A0420	RT41041	VLSI DESIGN	15	49	3
15JG1A0420	RT41042	COMPUTER NETWORKS	16	38	3
15JG1A0420	RT41043	DIGITAL IMAGE PROCESSING	18	15	0
15JG1A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	30	3
15JG1A0420	RT41048	RADAR SYSTEMS	17	28	3
15JG1A0420	RT4104A	OPTICAL COMMUNICATION	14	26	3
15JG1A0420	RT4104L	V L S I LAB	20	40	2
15JG1A0420	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
15JG1A0421	RT41041	VLSI DESIGN	21	34	3
15JG1A0421	RT41042	COMPUTER NETWORKS	23	37	3
15JG1A0421	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15JG1A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	51	3
15JG1A0421	RT41048	RADAR SYSTEMS	22	27	3
15JG1A0421	RT4104A	OPTICAL COMMUNICATION	21	40	3
15JG1A0421	RT4104L	V L S I LAB	24	48	2
15JG1A0421	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15JG1A0423	RT41041	VLSI DESIGN	13	34	3
15JG1A0423	RT41042	COMPUTER NETWORKS	13	27	3
15JG1A0423	RT41043	DIGITAL IMAGE PROCESSING	15	29	3
15JG1A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	31	3
15JG1A0423	RT41048	RADAR SYSTEMS	20	25	3
15JG1A0423	RT4104A	OPTICAL COMMUNICATION	16	34	3
15JG1A0423	RT4104L	V L S I LAB	21	42	2
15JG1A0423	RT4104M	MICROWAVE ENGINEERING LAB	19	34	2
15JG1A0424	RT41041	VLSI DESIGN	21	28	3
15JG1A0424	RT41042	COMPUTER NETWORKS	22	35	3
15JG1A0424	RT41043	DIGITAL IMAGE PROCESSING	23	28	3
15JG1A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	46	3
15JG1A0424	RT41048	RADAR SYSTEMS	25	51	3
15JG1A0424	RT4104A	OPTICAL COMMUNICATION	20	43	3
15JG1A0424	RT4104L	V L S I LAB	24	44	2
15JG1A0424	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15JG1A0425	RT41041	VLSI DESIGN	15	47	3
15JG1A0425	RT41042	COMPUTER NETWORKS	17	42	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0425	RT41043	DIGITAL IMAGE PROCESSING	12	38	3
15JG1A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	32	3
15JG1A0425	RT41048	RADAR SYSTEMS	17	34	3
15JG1A0425	RT4104A	OPTICAL COMMUNICATION	17	45	3
15JG1A0425	RT4104L	V L S I LAB	21	41	2
15JG1A0425	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15JG1A0426	RT41041	VLSI DESIGN	10	34	3
15JG1A0426	RT41042	COMPUTER NETWORKS	16	25	3
15JG1A0426	RT41043	DIGITAL IMAGE PROCESSING	10	4	0
15JG1A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	29	3
15JG1A0426	RT41048	RADAR SYSTEMS	14	16	0
15JG1A0426	RT4104A	OPTICAL COMMUNICATION	18	29	3
15JG1A0426	RT4104L	V L S I LAB	21	35	2
15JG1A0426	RT4104M	MICROWAVE ENGINEERING LAB	20	38	2
15JG1A0428	RT41041	VLSI DESIGN	19	43	3
15JG1A0428	RT41042	COMPUTER NETWORKS	19	32	3
15JG1A0428	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15JG1A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	37	3
15JG1A0428	RT41048	RADAR SYSTEMS	24	27	3
15JG1A0428	RT4104A	OPTICAL COMMUNICATION	19	39	3
15JG1A0428	RT4104L	V L S I LAB	23	48	2
15JG1A0428	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
15JG1A0429	RT41041	VLSI DESIGN	18	31	3
15JG1A0429	RT41042	COMPUTER NETWORKS	19	39	3
15JG1A0429	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15JG1A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	33	3
15JG1A0429	RT41048	RADAR SYSTEMS	21	57	3
15JG1A0429	RT4104A	OPTICAL COMMUNICATION	23	39	3
15JG1A0429	RT4104L	V L S I LAB	24	47	2
15JG1A0429	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15JG1A0430	RT41041	VLSI DESIGN	21	55	3
15JG1A0430	RT41042	COMPUTER NETWORKS	22	47	3
15JG1A0430	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15JG1A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	40	3
15JG1A0430	RT41048	RADAR SYSTEMS	22	35	3
15JG1A0430	RT4104A	OPTICAL COMMUNICATION	21	33	3
15JG1A0430	RT4104L	V L S I LAB	24	47	2
15JG1A0430	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JG1A0431	RT41041	VLSI DESIGN	20	44	3
15JG1A0431	RT41042	COMPUTER NETWORKS	18	25	3
15JG1A0431	RT41043	DIGITAL IMAGE PROCESSING	14	26	3
15JG1A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	33	3
15JG1A0431	RT41048	RADAR SYSTEMS	16	27	3
15JG1A0431	RT4104A	OPTICAL COMMUNICATION	14	31	3
15JG1A0431	RT4104L	V L S I LAB	23	44	2
15JG1A0431	RT4104M	MICROWAVE ENGINEERING LAB	20	35	2
15JG1A0432	RT41041	VLSI DESIGN	18	41	3
15JG1A0432	RT41042	COMPUTER NETWORKS	22	39	3
15JG1A0432	RT41043	DIGITAL IMAGE PROCESSING	18	29	3
15JG1A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0432	RT41048	RADAR SYSTEMS	18	34	3
15JG1A0432	RT4104A	OPTICAL COMMUNICATION	16	37	3
15JG1A0432	RT4104L	V L S I LAB	21	41	2
15JG1A0432	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15JG1A0433	RT41041	VLSI DESIGN	20	28	3
15JG1A0433	RT41042	COMPUTER NETWORKS	19	36	3
15JG1A0433	RT41043	DIGITAL IMAGE PROCESSING	22	31	3
15JG1A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	33	3
15JG1A0433	RT41048	RADAR SYSTEMS	28	41	3
15JG1A0433	RT4104A	OPTICAL COMMUNICATION	28	34	3
15JG1A0433	RT4104L	V L S I LAB	24	46	2
15JG1A0433	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A0434	RT41041	VLSI DESIGN	20	56	3
15JG1A0434	RT41042	COMPUTER NETWORKS	21	54	3
15JG1A0434	RT41043	DIGITAL IMAGE PROCESSING	24	45	3
15JG1A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	36	3
15JG1A0434	RT41048	RADAR SYSTEMS	23	34	3
15JG1A0434	RT4104A	OPTICAL COMMUNICATION	19	57	3
15JG1A0434	RT4104L	V L S I LAB	24	43	2
15JG1A0434	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15JG1A0435	RT41041	VLSI DESIGN	14	45	3
15JG1A0435	RT41042	COMPUTER NETWORKS	19	43	3
15JG1A0435	RT41043	DIGITAL IMAGE PROCESSING	14	7	0
15JG1A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	49	3
15JG1A0435	RT41048	RADAR SYSTEMS	18	28	3
15JG1A0435	RT4104A	OPTICAL COMMUNICATION	22	45	3
15JG1A0435	RT4104L	V L S I LAB	20	41	2
15JG1A0435	RT4104M	MICROWAVE ENGINEERING LAB	19	32	2
15JG1A0436	RT41041	VLSI DESIGN	17	34	3
15JG1A0436	RT41042	COMPUTER NETWORKS	18	32	3
15JG1A0436	RT41043	DIGITAL IMAGE PROCESSING	17	32	3
15JG1A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	39	3
15JG1A0436	RT41048	RADAR SYSTEMS	21	25	3
15JG1A0436	RT4104A	OPTICAL COMMUNICATION	20	40	3
15JG1A0436	RT4104L	V L S I LAB	21	40	2
15JG1A0436	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
15JG1A0437	RT41041	VLSI DESIGN	12	28	3
15JG1A0437	RT41042	COMPUTER NETWORKS	13	36	3
15JG1A0437	RT41043	DIGITAL IMAGE PROCESSING	14	26	3
15JG1A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	7	0
15JG1A0437	RT41048	RADAR SYSTEMS	15	31	3
15JG1A0437	RT4104A	OPTICAL COMMUNICATION	12	28	3
15JG1A0437	RT4104L	V L S I LAB	21	41	2
15JG1A0437	RT4104M	MICROWAVE ENGINEERING LAB	18	32	2
15JG1A0438	RT41041	VLSI DESIGN	21	49	3
15JG1A0438	RT41042	COMPUTER NETWORKS	21	39	3
15JG1A0438	RT41043	DIGITAL IMAGE PROCESSING	22	26	3
15JG1A0438	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	26	3
15JG1A0438	RT41048	RADAR SYSTEMS	21	33	3
15JG1A0438	RT4104A	OPTICAL COMMUNICATION	20	29	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0438	RT4104L	V L S I LAB	23	44	2
15JG1A0438	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15JG1A0439	RT41041	VLSI DESIGN	16	40	3
15JG1A0439	RT41042	COMPUTER NETWORKS	19	37	3
15JG1A0439	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
15JG1A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	-1	0
15JG1A0439	RT41048	RADAR SYSTEMS	21	35	3
15JG1A0439	RT4104A	OPTICAL COMMUNICATION	18	46	3
15JG1A0439	RT4104L	V L S I LAB	23	43	2
15JG1A0439	RT4104M	MICROWAVE ENGINEERING LAB	21	35	2
15JG1A0440	RT41041	VLSI DESIGN	18	38	3
15JG1A0440	RT41042	COMPUTER NETWORKS	16	29	3
15JG1A0440	RT41043	DIGITAL IMAGE PROCESSING	17	31	3
15JG1A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15JG1A0440	RT41048	RADAR SYSTEMS	19	37	3
15JG1A0440	RT4104A	OPTICAL COMMUNICATION	18	45	3
15JG1A0440	RT4104L	V L S I LAB	24	47	2
15JG1A0440	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15JG1A0441	RT41041	VLSI DESIGN	21	52	3
15JG1A0441	RT41042	COMPUTER NETWORKS	21	49	3
15JG1A0441	RT41043	DIGITAL IMAGE PROCESSING	27	35	3
15JG1A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	42	3
15JG1A0441	RT41048	RADAR SYSTEMS	23	65	3
15JG1A0441	RT4104A	OPTICAL COMMUNICATION	20	45	3
15JG1A0441	RT4104L	V L S I LAB	25	50	2
15JG1A0441	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JG1A0442	RT41041	VLSI DESIGN	22	56	3
15JG1A0442	RT41042	COMPUTER NETWORKS	19	47	3
15JG1A0442	RT41043	DIGITAL IMAGE PROCESSING	25	45	3
15JG1A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	32	3
15JG1A0442	RT41048	RADAR SYSTEMS	25	35	3
15JG1A0442	RT4104A	OPTICAL COMMUNICATION	22	39	3
15JG1A0442	RT4104L	V L S I LAB	24	47	2
15JG1A0442	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15JG1A0443	RT41041	VLSI DESIGN	18	35	3
15JG1A0443	RT41042	COMPUTER NETWORKS	16	37	3
15JG1A0443	RT41043	DIGITAL IMAGE PROCESSING	19	16	0
15JG1A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	53	3
15JG1A0443	RT41048	RADAR SYSTEMS	21	26	3
15JG1A0443	RT4104A	OPTICAL COMMUNICATION	21	46	3
15JG1A0443	RT4104L	V L S I LAB	22	42	2
15JG1A0443	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
15JG1A0444	RT41041	VLSI DESIGN	16	32	3
15JG1A0444	RT41042	COMPUTER NETWORKS	13	19	0
15JG1A0444	RT41043	DIGITAL IMAGE PROCESSING	20	33	3
15JG1A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15JG1A0444	RT41048	RADAR SYSTEMS	21	32	3
15JG1A0444	RT4104A	OPTICAL COMMUNICATION	18	34	3
15JG1A0444	RT4104L	V L S I LAB	21	44	2
15JG1A0444	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0445	RT41041	VLSI DESIGN	16	27	3
15JG1A0445	RT41042	COMPUTER NETWORKS	15	39	3
15JG1A0445	RT41043	DIGITAL IMAGE PROCESSING	12	28	3
15JG1A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15JG1A0445	RT41048	RADAR SYSTEMS	17	33	3
15JG1A0445	RT4104A	OPTICAL COMMUNICATION	19	29	3
15JG1A0445	RT4104L	V L S I LAB	22	42	2
15JG1A0445	RT4104M	MICROWAVE ENGINEERING LAB	19	34	2
15JG1A0446	RT41041	VLSI DESIGN	18	53	3
15JG1A0446	RT41042	COMPUTER NETWORKS	15	43	3
15JG1A0446	RT41043	DIGITAL IMAGE PROCESSING	15	46	3
15JG1A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	40	3
15JG1A0446	RT41048	RADAR SYSTEMS	17	41	3
15JG1A0446	RT4104A	OPTICAL COMMUNICATION	17	41	3
15JG1A0446	RT4104L	V L S I LAB	22	45	2
15JG1A0446	RT4104M	MICROWAVE ENGINEERING LAB	18	42	2
15JG1A0447	RT41041	VLSI DESIGN	23	41	3
15JG1A0447	RT41042	COMPUTER NETWORKS	21	33	3
15JG1A0447	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
15JG1A0447	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	56	3
15JG1A0447	RT41048	RADAR SYSTEMS	28	32	3
15JG1A0447	RT4104A	OPTICAL COMMUNICATION	26	33	3
15JG1A0447	RT4104L	V L S I LAB	24	47	2
15JG1A0447	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JG1A0448	RT41041	VLSI DESIGN	21	41	3
15JG1A0448	RT41042	COMPUTER NETWORKS	20	32	3
15JG1A0448	RT41043	DIGITAL IMAGE PROCESSING	16	35	3
15JG1A0448	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	34	3
15JG1A0448	RT41048	RADAR SYSTEMS	20	34	3
15JG1A0448	RT4104A	OPTICAL COMMUNICATION	19	37	3
15JG1A0448	RT4104L	V L S I LAB	24	43	2
15JG1A0448	RT4104M	MICROWAVE ENGINEERING LAB	18	40	2
15JG1A0450	RT41041	VLSI DESIGN	14	33	3
15JG1A0450	RT41042	COMPUTER NETWORKS	14	40	3
15JG1A0450	RT41043	DIGITAL IMAGE PROCESSING	17	25	3
15JG1A0450	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	37	3
15JG1A0450	RT41048	RADAR SYSTEMS	17	37	3
15JG1A0450	RT4104A	OPTICAL COMMUNICATION	14	34	3
15JG1A0450	RT4104L	V L S I LAB	19	40	2
15JG1A0450	RT4104M	MICROWAVE ENGINEERING LAB	20	36	2
15JG1A0451	RT41041	VLSI DESIGN	23	56	3
15JG1A0451	RT41042	COMPUTER NETWORKS	20	53	3
15JG1A0451	RT41043	DIGITAL IMAGE PROCESSING	26	56	3
15JG1A0451	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	38	3
15JG1A0451	RT41048	RADAR SYSTEMS	26	33	3
15JG1A0451	RT4104A	OPTICAL COMMUNICATION	21	56	3
15JG1A0451	RT4104L	V L S I LAB	24	47	2
15JG1A0451	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15JG1A0452	RT41041	VLSI DESIGN	19	39	3
15JG1A0452	RT41042	COMPUTER NETWORKS	20	30	3



Htno	Subcode	Subname	Internal	External	Credits
15JG1A0452	RT41043	DIGITAL IMAGE PROCESSING	17	10	0
15JG1A0452	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15JG1A0452	RT41048	RADAR SYSTEMS	19	27	3
15JG1A0452	RT4104A	OPTICAL COMMUNICATION	18	37	3
15JG1A0452	RT4104L	V L S I LAB	23	43	2
15JG1A0452	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15JG1A0453	RT41041	VLSI DESIGN	18	26	3
15JG1A0453	RT41042	COMPUTER NETWORKS	21	34	3
15JG1A0453	RT41043	DIGITAL IMAGE PROCESSING	21	25	3
15JG1A0453	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	37	3
15JG1A0453	RT41048	RADAR SYSTEMS	24	25	3
15JG1A0453	RT4104A	OPTICAL COMMUNICATION	19	46	3
15JG1A0453	RT4104L	V L S I LAB	24	47	2
15JG1A0453	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JG1A0454	RT41041	VLSI DESIGN	13	27	3
15JG1A0454	RT41042	COMPUTER NETWORKS	17	35	3
15JG1A0454	RT41043	DIGITAL IMAGE PROCESSING	13	27	3
15JG1A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	12	21	0
15JG1A0454	RT41048	RADAR SYSTEMS	11	40	3
15JG1A0454	RT4104A	OPTICAL COMMUNICATION	12	28	3
15JG1A0454	RT4104L	V L S I LAB	20	40	2
15JG1A0454	RT4104M	MICROWAVE ENGINEERING LAB	19	34	2
15JG1A0455	RT41041	VLSI DESIGN	17	55	3
15JG1A0455	RT41042	COMPUTER NETWORKS	20	49	3
15JG1A0455	RT41043	DIGITAL IMAGE PROCESSING	20	45	3
15JG1A0455	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	35	3
15JG1A0455	RT41048	RADAR SYSTEMS	22	35	3
15JG1A0455	RT4104A	OPTICAL COMMUNICATION	18	38	3
15JG1A0455	RT4104L	V L S I LAB	24	46	2
15JG1A0455	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15JG1A0456	RT41041	VLSI DESIGN	21	41	3
15JG1A0456	RT41042	COMPUTER NETWORKS	20	28	3
15JG1A0456	RT41043	DIGITAL IMAGE PROCESSING	22	13	0
15JG1A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	66	3
15JG1A0456	RT41048	RADAR SYSTEMS	23	31	3
15JG1A0456	RT4104A	OPTICAL COMMUNICATION	21	46	3
15JG1A0456	RT4104L	V L S I LAB	24	45	2
15JG1A0456	RT4104M	MICROWAVE ENGINEERING LAB	21	39	2
15JG1A0457	RT41041	VLSI DESIGN	25	40	3
15JG1A0457	RT41042	COMPUTER NETWORKS	19	28	3
15JG1A0457	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15JG1A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	40	3
15JG1A0457	RT41048	RADAR SYSTEMS	24	29	3
15JG1A0457	RT4104A	OPTICAL COMMUNICATION	21	49	3
15JG1A0457	RT4104L	V L S I LAB	24	48	2
15JG1A0457	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15JG1A0458	RT41041	VLSI DESIGN	18	26	3
15JG1A0458	RT41042	COMPUTER NETWORKS	14	33	3
15JG1A0458	RT41043	DIGITAL IMAGE PROCESSING	17	19	0
15JG1A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0458	RT41048	RADAR SYSTEMS	18	31	3
15JG1A0458	RT4104A	OPTICAL COMMUNICATION	21	24	3
15JG1A0458	RT4104L	V L S I LAB	22	40	2
15JG1A0458	RT4104M	MICROWAVE ENGINEERING LAB	20	37	2
15JG1A0459	RT41041	VLSI DESIGN	18	43	3
15JG1A0459	RT41042	COMPUTER NETWORKS	19	45	3
15JG1A0459	RT41043	DIGITAL IMAGE PROCESSING	14	26	3
15JG1A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15JG1A0459	RT41048	RADAR SYSTEMS	21	35	3
15JG1A0459	RT4104A	OPTICAL COMMUNICATION	19	27	3
15JG1A0459	RT4104L	V L S I LAB	21	34	2
15JG1A0459	RT4104M	MICROWAVE ENGINEERING LAB	19	40	2
15JG1A0460	RT41041	VLSI DESIGN	16	38	3
15JG1A0460	RT41042	COMPUTER NETWORKS	15	35	3
15JG1A0460	RT41043	DIGITAL IMAGE PROCESSING	19	16	0
15JG1A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	48	3
15JG1A0460	RT41048	RADAR SYSTEMS	21	48	3
15JG1A0460	RT4104A	OPTICAL COMMUNICATION	20	39	3
15JG1A0460	RT4104L	V L S I LAB	22	37	2
15JG1A0460	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15JG1A0461	RT41041	VLSI DESIGN	24	39	3
15JG1A0461	RT41042	COMPUTER NETWORKS	22	29	3
15JG1A0461	RT41043	DIGITAL IMAGE PROCESSING	26	27	3
15JG1A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15JG1A0461	RT41048	RADAR SYSTEMS	22	32	3
15JG1A0461	RT4104A	OPTICAL COMMUNICATION	21	50	3
15JG1A0461	RT4104L	V L S I LAB	25	49	2
15JG1A0461	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15JG1A0462	RT41041	VLSI DESIGN	16	26	3
15JG1A0462	RT41042	COMPUTER NETWORKS	17	37	3
15JG1A0462	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15JG1A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	24	3
15JG1A0462	RT41048	RADAR SYSTEMS	22	33	3
15JG1A0462	RT4104A	OPTICAL COMMUNICATION	20	27	3
15JG1A0462	RT4104L	V L S I LAB	23	43	2
15JG1A0462	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15JG1A0463	RT41041	VLSI DESIGN	16	46	3
15JG1A0463	RT41042	COMPUTER NETWORKS	14	39	3
15JG1A0463	RT41043	DIGITAL IMAGE PROCESSING	24	17	0
15JG1A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	28	3
15JG1A0463	RT41048	RADAR SYSTEMS	19	26	3
15JG1A0463	RT4104A	OPTICAL COMMUNICATION	16	26	3
15JG1A0463	RT4104L	V L S I LAB	24	50	2
15JG1A0463	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15JG1A0464	RT41041	VLSI DESIGN	19	42	3
15JG1A0464	RT41042	COMPUTER NETWORKS	17	36	3
15JG1A0464	RT41043	DIGITAL IMAGE PROCESSING	19	8	0
15JG1A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	62	3
15JG1A0464	RT41048	RADAR SYSTEMS	19	35	3
15JG1A0464	RT4104A	OPTICAL COMMUNICATION	20	47	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0464	RT4104L	V L S I LAB	22	42	2
15JG1A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15JG1A0465	RT41041	VLSI DESIGN	17	40	3
15JG1A0465	RT41042	COMPUTER NETWORKS	14	32	3
15JG1A0465	RT41043	DIGITAL IMAGE PROCESSING	20	41	3
15JG1A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	34	3
15JG1A0465	RT41048	RADAR SYSTEMS	16	34	3
15JG1A0465	RT4104A	OPTICAL COMMUNICATION	17	37	3
15JG1A0465	RT4104L	V L S I LAB	22	36	2
15JG1A0465	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JG1A0466	RT41041	VLSI DESIGN	14	28	3
15JG1A0466	RT41042	COMPUTER NETWORKS	17	29	3
15JG1A0466	RT41043	DIGITAL IMAGE PROCESSING	17	25	3
15JG1A0466	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	17	0
15JG1A0466	RT41048	RADAR SYSTEMS	13	31	3
15JG1A0466	RT4104A	OPTICAL COMMUNICATION	16	24	3
15JG1A0466	RT4104L	V L S I LAB	21	43	2
15JG1A0466	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15JG1A0467	RT41041	VLSI DESIGN	22	55	3
15JG1A0467	RT41042	COMPUTER NETWORKS	22	46	3
15JG1A0467	RT41043	DIGITAL IMAGE PROCESSING	26	36	3
15JG1A0467	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	30	3
15JG1A0467	RT41048	RADAR SYSTEMS	25	38	3
15JG1A0467	RT4104A	OPTICAL COMMUNICATION	26	47	3
15JG1A0467	RT4104L	V L S I LAB	25	50	2
15JG1A0467	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15JG1A0468	RT41041	VLSI DESIGN	17	35	3
15JG1A0468	RT41042	COMPUTER NETWORKS	16	31	3
15JG1A0468	RT41043	DIGITAL IMAGE PROCESSING	21	8	0
15JG1A0468	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	35	3
15JG1A0468	RT41048	RADAR SYSTEMS	20	43	3
15JG1A0468	RT4104A	OPTICAL COMMUNICATION	20	49	3
15JG1A0468	RT4104L	V L S I LAB	19	38	2
15JG1A0468	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15JG1A0469	RT41041	VLSI DESIGN	22	39	3
15JG1A0469	RT41042	COMPUTER NETWORKS	22	30	3
15JG1A0469	RT41043	DIGITAL IMAGE PROCESSING	24	36	3
15JG1A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	38	3
15JG1A0469	RT41048	RADAR SYSTEMS	25	34	3
15JG1A0469	RT4104A	OPTICAL COMMUNICATION	23	57	3
15JG1A0469	RT4104L	V L S I LAB	22	49	2
15JG1A0469	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15JG1A0470	RT41041	VLSI DESIGN	22	40	3
15JG1A0470	RT41042	COMPUTER NETWORKS	22	54	3
15JG1A0470	RT41043	DIGITAL IMAGE PROCESSING	27	41	3
15JG1A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	42	3
15JG1A0470	RT41048	RADAR SYSTEMS	27	41	3
15JG1A0470	RT4104A	OPTICAL COMMUNICATION	24	42	3
15JG1A0470	RT4104L	V L S I LAB	25	49	2
15JG1A0470	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0471	RT41041	VLSI DESIGN	22	53	3
15JG1A0471	RT41042	COMPUTER NETWORKS	20	38	3
15JG1A0471	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15JG1A0471	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	26	3
15JG1A0471	RT41048	RADAR SYSTEMS	27	31	3
15JG1A0471	RT4104A	OPTICAL COMMUNICATION	22	26	3
15JG1A0471	RT4104L	V L S I LAB	22	48	2
15JG1A0471	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15JG1A0473	RT41041	VLSI DESIGN	21	41	3
15JG1A0473	RT41042	COMPUTER NETWORKS	19	31	3
15JG1A0473	RT41043	DIGITAL IMAGE PROCESSING	24	11	0
15JG1A0473	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	35	3
15JG1A0473	RT41048	RADAR SYSTEMS	25	36	3
15JG1A0473	RT4104A	OPTICAL COMMUNICATION	24	38	3
15JG1A0473	RT4104L	V L S I LAB	20	40	2
15JG1A0473	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
15JG1A0474	RT41041	VLSI DESIGN	20	28	3
15JG1A0474	RT41042	COMPUTER NETWORKS	20	32	3
15JG1A0474	RT41043	DIGITAL IMAGE PROCESSING	15	27	3
15JG1A0474	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	44	3
15JG1A0474	RT41048	RADAR SYSTEMS	22	26	3
15JG1A0474	RT4104A	OPTICAL COMMUNICATION	13	29	3
15JG1A0474	RT4104L	V L S I LAB	17	27	2
15JG1A0474	RT4104M	MICROWAVE ENGINEERING LAB	23	35	2
15JG1A0475	RT41041	VLSI DESIGN	8	22	0
15JG1A0475	RT41042	COMPUTER NETWORKS	13	32	3
15JG1A0475	RT41043	DIGITAL IMAGE PROCESSING	3	17	0
15JG1A0475	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	11	0	0
15JG1A0475	RT41048	RADAR SYSTEMS	12	32	3
15JG1A0475	RT4104A	OPTICAL COMMUNICATION	4	13	0
15JG1A0475	RT4104L	V L S I LAB	13	27	2
15JG1A0475	RT4104M	MICROWAVE ENGINEERING LAB	14	23	2
15JG1A0476	RT41041	VLSI DESIGN	20	49	3
15JG1A0476	RT41042	COMPUTER NETWORKS	17	44	3
15JG1A0476	RT41043	DIGITAL IMAGE PROCESSING	21	36	3
15JG1A0476	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	26	3
15JG1A0476	RT41048	RADAR SYSTEMS	22	25	3
15JG1A0476	RT4104A	OPTICAL COMMUNICATION	14	31	3
15JG1A0476	RT4104L	V L S I LAB	18	42	2
15JG1A0476	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15JG1A0477	RT41041	VLSI DESIGN	20	40	3
15JG1A0477	RT41042	COMPUTER NETWORKS	16	39	3
15JG1A0477	RT41043	DIGITAL IMAGE PROCESSING	21	10	0
15JG1A0477	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	49	3
15JG1A0477	RT41048	RADAR SYSTEMS	20	43	3
15JG1A0477	RT4104A	OPTICAL COMMUNICATION	17	46	3
15JG1A0477	RT4104L	V L S I LAB	18	49	2
15JG1A0477	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15JG1A0478	RT41041	VLSI DESIGN	23	48	3
15JG1A0478	RT41042	COMPUTER NETWORKS	24	38	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0478	RT41043	DIGITAL IMAGE PROCESSING	24	49	3
15JG1A0478	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	43	3
15JG1A0478	RT41048	RADAR SYSTEMS	24	38	3
15JG1A0478	RT4104A	OPTICAL COMMUNICATION	21	57	3
15JG1A0478	RT4104L	V L S I LAB	25	48	2
15JG1A0478	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15JG1A0479	RT41041	VLSI DESIGN	17	28	3
15JG1A0479	RT41042	COMPUTER NETWORKS	14	28	3
15JG1A0479	RT41043	DIGITAL IMAGE PROCESSING	22	11	0
15JG1A0479	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	7	0
15JG1A0479	RT41048	RADAR SYSTEMS	17	39	3
15JG1A0479	RT4104A	OPTICAL COMMUNICATION	14	15	0
15JG1A0479	RT4104L	V L S I LAB	15	43	2
15JG1A0479	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
15JG1A0480	RT41041	VLSI DESIGN	22	53	3
15JG1A0480	RT41042	COMPUTER NETWORKS	20	42	3
15JG1A0480	RT41043	DIGITAL IMAGE PROCESSING	29	38	3
15JG1A0480	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	32	3
15JG1A0480	RT41048	RADAR SYSTEMS	25	29	3
15JG1A0480	RT4104A	OPTICAL COMMUNICATION	22	45	3
15JG1A0480	RT4104L	V L S I LAB	21	46	2
15JG1A0480	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15JG1A0481	RT41041	VLSI DESIGN	21	44	3
15JG1A0481	RT41042	COMPUTER NETWORKS	20	38	3
15JG1A0481	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
15JG1A0481	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	57	3
15JG1A0481	RT41048	RADAR SYSTEMS	22	52	3
15JG1A0481	RT4104A	OPTICAL COMMUNICATION	20	46	3
15JG1A0481	RT4104L	V L S I LAB	23	47	2
15JG1A0481	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15JG1A0482	RT41041	VLSI DESIGN	19	41	3
15JG1A0482	RT41042	COMPUTER NETWORKS	19	33	3
15JG1A0482	RT41043	DIGITAL IMAGE PROCESSING	25	27	3
15JG1A0482	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	33	3
15JG1A0482	RT41048	RADAR SYSTEMS	15	25	3
15JG1A0482	RT4104A	OPTICAL COMMUNICATION	23	38	3
15JG1A0482	RT4104L	V L S I LAB	21	41	2
15JG1A0482	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A0483	RT41041	VLSI DESIGN	14	27	3
15JG1A0483	RT41042	COMPUTER NETWORKS	11	29	3
15JG1A0483	RT41043	DIGITAL IMAGE PROCESSING	19	14	0
15JG1A0483	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	13	0
15JG1A0483	RT41048	RADAR SYSTEMS	17	31	3
15JG1A0483	RT4104A	OPTICAL COMMUNICATION	12	17	0
15JG1A0483	RT4104L	V L S I LAB	20	47	2
15JG1A0483	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15JG1A0484	RT41041	VLSI DESIGN	23	59	3
15JG1A0484	RT41042	COMPUTER NETWORKS	23	46	3
15JG1A0484	RT41043	DIGITAL IMAGE PROCESSING	26	38	3
15JG1A0484	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	30	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0484	RT41048	RADAR SYSTEMS	27	34	3
15JG1A0484	RT4104A	OPTICAL COMMUNICATION	25	39	3
15JG1A0484	RT4104L	V L S I LAB	23	47	2
15JG1A0484	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15JG1A0485	RT41041	VLSI DESIGN	21	59	3
15JG1A0485	RT41042	COMPUTER NETWORKS	21	41	3
15JG1A0485	RT41043	DIGITAL IMAGE PROCESSING	27	30	3
15JG1A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	56	3
15JG1A0485	RT41048	RADAR SYSTEMS	26	33	3
15JG1A0485	RT4104A	OPTICAL COMMUNICATION	24	43	3
15JG1A0485	RT4104L	V L S I LAB	24	49	2
15JG1A0485	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15JG1A0486	RT41041	VLSI DESIGN	24	41	3
15JG1A0486	RT41042	COMPUTER NETWORKS	23	40	3
15JG1A0486	RT41043	DIGITAL IMAGE PROCESSING	25	36	3
15JG1A0486	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	40	3
15JG1A0486	RT41048	RADAR SYSTEMS	24	32	3
15JG1A0486	RT4104A	OPTICAL COMMUNICATION	21	50	3
15JG1A0486	RT4104L	V L S I LAB	22	49	2
15JG1A0486	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15JG1A0487	RT41041	VLSI DESIGN	24	45	3
15JG1A0487	RT41042	COMPUTER NETWORKS	21	49	3
15JG1A0487	RT41043	DIGITAL IMAGE PROCESSING	23	34	3
15JG1A0487	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	33	3
15JG1A0487	RT41048	RADAR SYSTEMS	26	50	3
15JG1A0487	RT4104A	OPTICAL COMMUNICATION	25	39	3
15JG1A0487	RT4104L	V L S I LAB	20	47	2
15JG1A0487	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15JG1A0488	RT41041	VLSI DESIGN	20	53	3
15JG1A0488	RT41042	COMPUTER NETWORKS	19	32	3
15JG1A0488	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15JG1A0488	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	36	3
15JG1A0488	RT41048	RADAR SYSTEMS	21	31	3
15JG1A0488	RT4104A	OPTICAL COMMUNICATION	17	37	3
15JG1A0488	RT4104L	V L S I LAB	21	46	2
15JG1A0488	RT4104M	MICROWAVE ENGINEERING LAB	20	42	2
15JG1A0489	RT41041	VLSI DESIGN	21	39	3
15JG1A0489	RT41042	COMPUTER NETWORKS	14	26	3
15JG1A0489	RT41043	DIGITAL IMAGE PROCESSING	22	9	0
15JG1A0489	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	43	3
15JG1A0489	RT41048	RADAR SYSTEMS	22	28	3
15JG1A0489	RT4104A	OPTICAL COMMUNICATION	18	36	3
15JG1A0489	RT4104L	V L S I LAB	18	49	2
15JG1A0489	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15JG1A0490	RT41041	VLSI DESIGN	21	37	3
15JG1A0490	RT41042	COMPUTER NETWORKS	20	34	3
15JG1A0490	RT41043	DIGITAL IMAGE PROCESSING	24	36	3
15JG1A0490	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	37	3
15JG1A0490	RT41048	RADAR SYSTEMS	25	34	3
15JG1A0490	RT4104A	OPTICAL COMMUNICATION	22	51	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0490	RT4104L	V L S I LAB	24	45	2
15JG1A0490	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15JG1A0491	RT41041	VLSI DESIGN	23	16	0
15JG1A0491	RT41042	COMPUTER NETWORKS	18	46	3
15JG1A0491	RT41043	DIGITAL IMAGE PROCESSING	27	30	3
15JG1A0491	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	35	3
15JG1A0491	RT41048	RADAR SYSTEMS	26	57	3
15JG1A0491	RT4104A	OPTICAL COMMUNICATION	24	48	3
15JG1A0491	RT4104L	V L S I LAB	24	47	2
15JG1A0491	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15JG1A0492	RT41041	VLSI DESIGN	21	61	3
15JG1A0492	RT41042	COMPUTER NETWORKS	21	53	3
15JG1A0492	RT41043	DIGITAL IMAGE PROCESSING	26	47	3
15JG1A0492	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	34	3
15JG1A0492	RT41048	RADAR SYSTEMS	26	30	3
15JG1A0492	RT4104A	OPTICAL COMMUNICATION	21	47	3
15JG1A0492	RT4104L	V L S I LAB	24	49	2
15JG1A0492	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JG1A0493	RT41041	VLSI DESIGN	21	47	3
15JG1A0493	RT41042	COMPUTER NETWORKS	20	43	3
15JG1A0493	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15JG1A0493	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	65	3
15JG1A0493	RT41048	RADAR SYSTEMS	21	39	3
15JG1A0493	RT4104A	OPTICAL COMMUNICATION	20	51	3
15JG1A0493	RT4104L	V L S I LAB	22	43	2
15JG1A0493	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15JG1A0494	RT41041	VLSI DESIGN	21	36	3
15JG1A0494	RT41042	COMPUTER NETWORKS	15	27	3
15JG1A0494	RT41043	DIGITAL IMAGE PROCESSING	21	25	3
15JG1A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
15JG1A0494	RT41048	RADAR SYSTEMS	25	31	3
15JG1A0494	RT4104A	OPTICAL COMMUNICATION	19	28	3
15JG1A0494	RT4104L	V L S I LAB	22	43	2
15JG1A0494	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15JG1A0495	RT41041	VLSI DESIGN	19	40	3
15JG1A0495	RT41042	COMPUTER NETWORKS	15	44	3
15JG1A0495	RT41043	DIGITAL IMAGE PROCESSING	21	27	3
15JG1A0495	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
15JG1A0495	RT41048	RADAR SYSTEMS	27	45	3
15JG1A0495	RT4104A	OPTICAL COMMUNICATION	22	37	3
15JG1A0495	RT4104L	V L S I LAB	25	48	2
15JG1A0495	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15JG1A0496	RT41041	VLSI DESIGN	15	35	3
15JG1A0496	RT41042	COMPUTER NETWORKS	14	14	0
15JG1A0496	RT41043	DIGITAL IMAGE PROCESSING	21	12	0
15JG1A0496	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	16	0
15JG1A0496	RT41048	RADAR SYSTEMS	18	24	3
15JG1A0496	RT4104A	OPTICAL COMMUNICATION	19	24	3
15JG1A0496	RT4104L	V L S I LAB	23	42	2
15JG1A0496	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0497	RT41041	VLSI DESIGN	18	40	3
15JG1A0497	RT41042	COMPUTER NETWORKS	18	24	3
15JG1A0497	RT41043	DIGITAL IMAGE PROCESSING	25	31	3
15JG1A0497	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	59	3
15JG1A0497	RT41048	RADAR SYSTEMS	16	28	3
15JG1A0497	RT4104A	OPTICAL COMMUNICATION	19	44	3
15JG1A0497	RT4104L	V L S I LAB	21	46	2
15JG1A0497	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15JG1A0498	RT41041	VLSI DESIGN	18	26	3
15JG1A0498	RT41042	COMPUTER NETWORKS	12	28	3
15JG1A0498	RT41043	DIGITAL IMAGE PROCESSING	24	35	3
15JG1A0498	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
15JG1A0498	RT41048	RADAR SYSTEMS	22	19	0
15JG1A0498	RT4104A	OPTICAL COMMUNICATION	21	29	3
15JG1A0498	RT4104L	V L S I LAB	23	47	2
15JG1A0498	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A0499	RT41041	VLSI DESIGN	21	24	3
15JG1A0499	RT41042	COMPUTER NETWORKS	22	30	3
15JG1A0499	RT41043	DIGITAL IMAGE PROCESSING	25	27	3
15JG1A0499	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	24	3
15JG1A0499	RT41048	RADAR SYSTEMS	21	60	3
15JG1A0499	RT4104A	OPTICAL COMMUNICATION	22	38	3
15JG1A0499	RT4104L	V L S I LAB	23	46	2
15JG1A0499	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15JG1A04A0	RT41041	VLSI DESIGN	22	50	3
15JG1A04A0	RT41042	COMPUTER NETWORKS	22	41	3
15JG1A04A0	RT41043	DIGITAL IMAGE PROCESSING	21	25	3
15JG1A04A0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
15JG1A04A0	RT41048	RADAR SYSTEMS	21	34	3
15JG1A04A0	RT4104A	OPTICAL COMMUNICATION	25	24	3
15JG1A04A0	RT4104L	V L S I LAB	24	44	2
15JG1A04A0	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15JG1A04A1	RT41041	VLSI DESIGN	17	40	3
15JG1A04A1	RT41042	COMPUTER NETWORKS	17	34	3
15JG1A04A1	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
15JG1A04A1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	41	3
15JG1A04A1	RT41048	RADAR SYSTEMS	18	32	3
15JG1A04A1	RT4104A	OPTICAL COMMUNICATION	16	38	3
15JG1A04A1	RT4104L	V L S I LAB	19	42	2
15JG1A04A1	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A04A2	RT41041	VLSI DESIGN	23	42	3
15JG1A04A2	RT41042	COMPUTER NETWORKS	22	33	3
15JG1A04A2	RT41043	DIGITAL IMAGE PROCESSING	23	42	3
15JG1A04A2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15JG1A04A2	RT41048	RADAR SYSTEMS	22	37	3
15JG1A04A2	RT4104A	OPTICAL COMMUNICATION	24	50	3
15JG1A04A2	RT4104L	V L S I LAB	25	47	2
15JG1A04A2	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15JG1A04A3	RT41041	VLSI DESIGN	23	40	3
15JG1A04A3	RT41042	COMPUTER NETWORKS	19	46	3



Htno	Subcode	Subname	Internal	External	Credits
15JG1A04A3	RT41043	DIGITAL IMAGE PROCESSING	25	39	3
15JG1A04A3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	52	3
15JG1A04A3	RT41048	RADAR SYSTEMS	24	68	3
15JG1A04A3	RT4104A	OPTICAL COMMUNICATION	23	43	3
15JG1A04A3	RT4104L	V L S I LAB	25	48	2
15JG1A04A3	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A04A4	RT41041	VLSI DESIGN	23	54	3
15JG1A04A4	RT41042	COMPUTER NETWORKS	20	54	3
15JG1A04A4	RT41043	DIGITAL IMAGE PROCESSING	25	34	3
15JG1A04A4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	30	3
15JG1A04A4	RT41048	RADAR SYSTEMS	26	38	3
15JG1A04A4	RT4104A	OPTICAL COMMUNICATION	23	42	3
15JG1A04A4	RT4104L	V L S I LAB	23	49	2
15JG1A04A4	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15JG1A04A5	RT41041	VLSI DESIGN	14	41	3
15JG1A04A5	RT41042	COMPUTER NETWORKS	16	29	3
15JG1A04A5	RT41043	DIGITAL IMAGE PROCESSING	19	8	0
15JG1A04A5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	8	0
15JG1A04A5	RT41048	RADAR SYSTEMS	18	26	3
15JG1A04A5	RT4104A	OPTICAL COMMUNICATION	16	37	3
15JG1A04A5	RT4104L	V L S I LAB	22	49	2
15JG1A04A5	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JG1A04A6	RT41041	VLSI DESIGN	16	25	3
15JG1A04A6	RT41042	COMPUTER NETWORKS	14	26	3
15JG1A04A6	RT41043	DIGITAL IMAGE PROCESSING	20	28	3
15JG1A04A6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	30	3
15JG1A04A6	RT41048	RADAR SYSTEMS	19	25	3
15JG1A04A6	RT4104A	OPTICAL COMMUNICATION	18	33	3
15JG1A04A6	RT4104L	V L S I LAB	17	46	2
15JG1A04A6	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15JG1A04A7	RT41041	VLSI DESIGN	21	42	3
15JG1A04A7	RT41042	COMPUTER NETWORKS	21	47	3
15JG1A04A7	RT41043	DIGITAL IMAGE PROCESSING	25	31	3
15JG1A04A7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	41	3
15JG1A04A7	RT41048	RADAR SYSTEMS	24	65	3
15JG1A04A7	RT4104A	OPTICAL COMMUNICATION	22	38	3
15JG1A04A7	RT4104L	V L S I LAB	24	48	2
15JG1A04A7	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15JG1A04A8	RT41041	VLSI DESIGN	19	53	3
15JG1A04A8	RT41042	COMPUTER NETWORKS	18	41	3
15JG1A04A8	RT41043	DIGITAL IMAGE PROCESSING	23	34	3
15JG1A04A8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	31	3
15JG1A04A8	RT41048	RADAR SYSTEMS	18	39	3
15JG1A04A8	RT4104A	OPTICAL COMMUNICATION	21	44	3
15JG1A04A8	RT4104L	V L S I LAB	23	48	2
15JG1A04A8	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15JG1A04A9	RT41041	VLSI DESIGN	23	48	3
15JG1A04A9	RT41042	COMPUTER NETWORKS	17	48	3
15JG1A04A9	RT41043	DIGITAL IMAGE PROCESSING	21	30	3
15JG1A04A9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	58	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A04A9	RT41048	RADAR SYSTEMS	22	31	3
15JG1A04A9	RT4104A	OPTICAL COMMUNICATION	18	43	3
15JG1A04A9	RT4104L	V L S I LAB	23	47	2
15JG1A04A9	RT4104M	MICROWAVE ENGINEERING LAB	21	48	2
15JG1A04B0	RT41041	VLSI DESIGN	18	31	3
15JG1A04B0	RT41042	COMPUTER NETWORKS	19	30	3
15JG1A04B0	RT41043	DIGITAL IMAGE PROCESSING	17	33	3
15JG1A04B0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	40	3
15JG1A04B0	RT41048	RADAR SYSTEMS	15	28	3
15JG1A04B0	RT4104A	OPTICAL COMMUNICATION	16	31	3
15JG1A04B0	RT4104L	V L S I LAB	20	41	2
15JG1A04B0	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15JG1A04B1	RT41041	VLSI DESIGN	16	28	3
15JG1A04B1	RT41042	COMPUTER NETWORKS	16	47	3
15JG1A04B1	RT41043	DIGITAL IMAGE PROCESSING	19	25	3
15JG1A04B1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	34	3
15JG1A04B1	RT41048	RADAR SYSTEMS	17	31	3
15JG1A04B1	RT4104A	OPTICAL COMMUNICATION	21	24	3
15JG1A04B1	RT4104L	V L S I LAB	23	47	2
15JG1A04B1	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
15JG1A04B2	RT41041	VLSI DESIGN	14	49	3
15JG1A04B2	RT41042	COMPUTER NETWORKS	17	35	3
15JG1A04B2	RT41043	DIGITAL IMAGE PROCESSING	16	16	0
15JG1A04B2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	29	3
15JG1A04B2	RT41048	RADAR SYSTEMS	17	14	0
15JG1A04B2	RT4104A	OPTICAL COMMUNICATION	16	24	3
15JG1A04B2	RT4104L	V L S I LAB	20	40	2
15JG1A04B2	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15JG1A04B3	RT41041	VLSI DESIGN	19	36	3
15JG1A04B3	RT41042	COMPUTER NETWORKS	14	29	3
15JG1A04B3	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15JG1A04B3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	30	3
15JG1A04B3	RT41048	RADAR SYSTEMS	25	31	3
15JG1A04B3	RT4104A	OPTICAL COMMUNICATION	19	39	3
15JG1A04B3	RT4104L	V L S I LAB	19	34	2
15JG1A04B3	RT4104M	MICROWAVE ENGINEERING LAB	19	47	2
15JG1A04B4	RT41041	VLSI DESIGN	18	35	3
15JG1A04B4	RT41042	COMPUTER NETWORKS	15	27	3
15JG1A04B4	RT41043	DIGITAL IMAGE PROCESSING	18	24	3
15JG1A04B4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	33	3
15JG1A04B4	RT41048	RADAR SYSTEMS	15	25	3
15JG1A04B4	RT4104A	OPTICAL COMMUNICATION	17	24	3
15JG1A04B4	RT4104L	V L S I LAB	23	46	2
15JG1A04B4	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15JG1A04B5	RT41041	VLSI DESIGN	18	26	3
15JG1A04B5	RT41042	COMPUTER NETWORKS	17	28	3
15JG1A04B5	RT41043	DIGITAL IMAGE PROCESSING	18	24	3
15JG1A04B5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
15JG1A04B5	RT41048	RADAR SYSTEMS	23	37	3
15JG1A04B5	RT4104A	OPTICAL COMMUNICATION	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A04B5	RT4104L	V L S I LAB	22	42	2
15JG1A04B5	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15JG1A04B6	RT41041	VLSI DESIGN	22	62	3
15JG1A04B6	RT41042	COMPUTER NETWORKS	18	48	3
15JG1A04B6	RT41043	DIGITAL IMAGE PROCESSING	20	46	3
15JG1A04B6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15JG1A04B6	RT41048	RADAR SYSTEMS	25	41	3
15JG1A04B6	RT4104A	OPTICAL COMMUNICATION	23	45	3
15JG1A04B6	RT4104L	V L S I LAB	22	46	2
15JG1A04B6	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15JG1A04B7	RT41041	VLSI DESIGN	18	41	3
15JG1A04B7	RT41042	COMPUTER NETWORKS	18	38	3
15JG1A04B7	RT41043	DIGITAL IMAGE PROCESSING	23	26	3
15JG1A04B7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	48	3
15JG1A04B7	RT41048	RADAR SYSTEMS	22	36	3
15JG1A04B7	RT4104A	OPTICAL COMMUNICATION	21	50	3
15JG1A04B7	RT4104L	V L S I LAB	22	47	2
15JG1A04B7	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15JG1A04B8	RT41041	VLSI DESIGN	21	45	3
15JG1A04B8	RT41042	COMPUTER NETWORKS	21	34	3
15JG1A04B8	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
15JG1A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	40	3
15JG1A04B8	RT41048	RADAR SYSTEMS	24	38	3
15JG1A04B8	RT4104A	OPTICAL COMMUNICATION	19	53	3
15JG1A04B8	RT4104L	V L S I LAB	22	48	2
15JG1A04B8	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15JG1A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	48	3
15JG1A0501	RT41052	UML AND DESIGN PATTERNS	25	40	3
15JG1A0501	RT41053	MOBILE COMPUTING	24	41	3
15JG1A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	28	36	3
15JG1A0501	RT4105B	HADOOP AND BIG DATA	29	57	3
15JG1A0501	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15JG1A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15JG1A0501	RT4105N	SOFTWARE TESTING LAB	24	44	2
15JG1A0501	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
15JG1A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15JG1A0502	RT41052	UML AND DESIGN PATTERNS	23	52	3
15JG1A0502	RT41053	MOBILE COMPUTING	22	49	3
15JG1A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	23	48	3
15JG1A0502	RT4105B	HADOOP AND BIG DATA	23	51	3
15JG1A0502	RT4105L	UML AND DESIGN PATTERNS LAB	24	44	2
15JG1A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15JG1A0502	RT4105N	SOFTWARE TESTING LAB	22	44	2
15JG1A0502	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15JG1A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	26	3
15JG1A0503	RT41052	UML AND DESIGN PATTERNS	19	24	3
15JG1A0503	RT41053	MOBILE COMPUTING	13	27	3
15JG1A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	17	24	3
15JG1A0503	RT4105B	HADOOP AND BIG DATA	14	32	3
15JG1A0503	RT4105L	UML AND DESIGN PATTERNS LAB	21	39	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	38	2
15JG1A0503	RT4105N	SOFTWARE TESTING LAB	23	43	2
15JG1A0503	RT4105O	HADOOP AND BIGDATA LAB	20	32	2
15JG1A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15JG1A0504	RT41052	UML AND DESIGN PATTERNS	23	36	3
15JG1A0504	RT41053	MOBILE COMPUTING	23	45	3
15JG1A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	22	39	3
15JG1A0504	RT4105B	HADOOP AND BIG DATA	21	62	3
15JG1A0504	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15JG1A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15JG1A0504	RT4105N	SOFTWARE TESTING LAB	24	47	2
15JG1A0504	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	47	3
15JG1A0505	RT41052	UML AND DESIGN PATTERNS	26	44	3
15JG1A0505	RT41053	MOBILE COMPUTING	23	45	3
15JG1A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	21	32	3
15JG1A0505	RT4105B	HADOOP AND BIG DATA	26	60	3
15JG1A0505	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15JG1A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	47	2
15JG1A0505	RT4105N	SOFTWARE TESTING LAB	23	44	2
15JG1A0505	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
15JG1A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
15JG1A0506	RT41052	UML AND DESIGN PATTERNS	14	28	3
15JG1A0506	RT41053	MOBILE COMPUTING	13	32	3
15JG1A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	13	39	3
15JG1A0506	RT4105B	HADOOP AND BIG DATA	18	45	3
15JG1A0506	RT4105L	UML AND DESIGN PATTERNS LAB	18	37	2
15JG1A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	28	2
15JG1A0506	RT4105N	SOFTWARE TESTING LAB	20	45	2
15JG1A0506	RT4105O	HADOOP AND BIGDATA LAB	19	37	2
15JG1A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	11	0
15JG1A0507	RT41052	UML AND DESIGN PATTERNS	15	32	3
15JG1A0507	RT41053	MOBILE COMPUTING	24	8	0
15JG1A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	18	24	3
15JG1A0507	RT4105B	HADOOP AND BIG DATA	20	38	3
15JG1A0507	RT4105L	UML AND DESIGN PATTERNS LAB	21	33	2
15JG1A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15JG1A0507	RT4105N	SOFTWARE TESTING LAB	23	42	2
15JG1A0507	RT4105O	HADOOP AND BIGDATA LAB	20	33	2
15JG1A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	36	3
15JG1A0508	RT41052	UML AND DESIGN PATTERNS	17	32	3
15JG1A0508	RT41053	MOBILE COMPUTING	23	41	3
15JG1A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	20	43	3
15JG1A0508	RT4105B	HADOOP AND BIG DATA	17	49	3
15JG1A0508	RT4105L	UML AND DESIGN PATTERNS LAB	22	39	2
15JG1A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15JG1A0508	RT4105N	SOFTWARE TESTING LAB	25	44	2
15JG1A0508	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15JG1A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
15JG1A0509	RT41052	UML AND DESIGN PATTERNS	19	28	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0509	RT41053	MOBILE COMPUTING	18	30	3
15JG1A0509	RT41054	SOFTWARE TESTING METHODOLOGIES	17	16	0
15JG1A0509	RT4105B	HADOOP AND BIG DATA	20	26	3
15JG1A0509	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15JG1A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	33	2
15JG1A0509	RT4105N	SOFTWARE TESTING LAB	22	40	2
15JG1A0509	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15JG1A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15JG1A0510	RT41052	UML AND DESIGN PATTERNS	24	41	3
15JG1A0510	RT41053	MOBILE COMPUTING	22	45	3
15JG1A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	20	43	3
15JG1A0510	RT4105B	HADOOP AND BIG DATA	24	50	3
15JG1A0510	RT4105L	UML AND DESIGN PATTERNS LAB	24	42	2
15JG1A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15JG1A0510	RT4105N	SOFTWARE TESTING LAB	24	40	2
15JG1A0510	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
15JG1A0511	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15JG1A0511	RT41052	UML AND DESIGN PATTERNS	24	62	3
15JG1A0511	RT41053	MOBILE COMPUTING	29	32	3
15JG1A0511	RT41054	SOFTWARE TESTING METHODOLOGIES	28	36	3
15JG1A0511	RT4105B	HADOOP AND BIG DATA	29	61	3
15JG1A0511	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15JG1A0511	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15JG1A0511	RT4105N	SOFTWARE TESTING LAB	25	50	2
15JG1A0511	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15JG1A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	54	3
15JG1A0512	RT41052	UML AND DESIGN PATTERNS	21	38	3
15JG1A0512	RT41053	MOBILE COMPUTING	26	52	3
15JG1A0512	RT41054	SOFTWARE TESTING METHODOLOGIES	22	47	3
15JG1A0512	RT4105B	HADOOP AND BIG DATA	25	63	3
15JG1A0512	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15JG1A0512	RT4105N	SOFTWARE TESTING LAB	23	49	2
15JG1A0512	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15JG1A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
15JG1A0513	RT41052	UML AND DESIGN PATTERNS	20	25	3
15JG1A0513	RT41053	MOBILE COMPUTING	23	40	3
15JG1A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	16	26	3
15JG1A0513	RT4105B	HADOOP AND BIG DATA	19	52	3
15JG1A0513	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15JG1A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	35	2
15JG1A0513	RT4105N	SOFTWARE TESTING LAB	22	42	2
15JG1A0513	RT4105O	HADOOP AND BIGDATA LAB	18	38	2
15JG1A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15JG1A0514	RT41052	UML AND DESIGN PATTERNS	23	36	3
15JG1A0514	RT41053	MOBILE COMPUTING	20	39	3
15JG1A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	22	45	3
15JG1A0514	RT4105B	HADOOP AND BIG DATA	24	50	3
15JG1A0514	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15JG1A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0514	RT4105N	SOFTWARE TESTING LAB	21	44	2
15JG1A0514	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15JG1A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	32	3
15JG1A0515	RT41052	UML AND DESIGN PATTERNS	22	27	3
15JG1A0515	RT41053	MOBILE COMPUTING	22	19	0
15JG1A0515	RT41054	SOFTWARE TESTING METHODOLOGIES	19	24	3
15JG1A0515	RT4105B	HADOOP AND BIG DATA	17	40	3
15JG1A0515	RT4105L	UML AND DESIGN PATTERNS LAB	23	42	2
15JG1A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	33	2
15JG1A0515	RT4105N	SOFTWARE TESTING LAB	23	45	2
15JG1A0515	RT4105O	HADOOP AND BIGDATA LAB	18	30	2
15JG1A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
15JG1A0516	RT41052	UML AND DESIGN PATTERNS	16	31	3
15JG1A0516	RT41053	MOBILE COMPUTING	15	31	3
15JG1A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	20	27	3
15JG1A0516	RT4105B	HADOOP AND BIG DATA	20	39	3
15JG1A0516	RT4105L	UML AND DESIGN PATTERNS LAB	21	37	2
15JG1A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	39	2
15JG1A0516	RT4105N	SOFTWARE TESTING LAB	24	43	2
15JG1A0516	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15JG1A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	36	3
15JG1A0517	RT41052	UML AND DESIGN PATTERNS	19	34	3
15JG1A0517	RT41053	MOBILE COMPUTING	27	33	3
15JG1A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	23	27	3
15JG1A0517	RT4105B	HADOOP AND BIG DATA	18	58	3
15JG1A0517	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15JG1A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15JG1A0517	RT4105N	SOFTWARE TESTING LAB	24	46	2
15JG1A0517	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15JG1A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	26	3
15JG1A0518	RT41052	UML AND DESIGN PATTERNS	23	48	3
15JG1A0518	RT41053	MOBILE COMPUTING	25	45	3
15JG1A0518	RT41054	SOFTWARE TESTING METHODOLOGIES	23	47	3
15JG1A0518	RT4105B	HADOOP AND BIG DATA	24	47	3
15JG1A0518	RT4105L	UML AND DESIGN PATTERNS LAB	24	39	2
15JG1A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	35	2
15JG1A0518	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0518	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15JG1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	3
15JG1A0519	RT41052	UML AND DESIGN PATTERNS	6	25	0
15JG1A0519	RT41053	MOBILE COMPUTING	14	10	0
15JG1A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	11	24	0
15JG1A0519	RT4105B	HADOOP AND BIG DATA	5	14	0
15JG1A0519	RT4105L	UML AND DESIGN PATTERNS LAB	22	21	2
15JG1A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	34	2
15JG1A0519	RT4105N	SOFTWARE TESTING LAB	20	41	2
15JG1A0519	RT4105O	HADOOP AND BIGDATA LAB	18	31	2
15JG1A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	48	3
15JG1A0520	RT41052	UML AND DESIGN PATTERNS	29	49	3
15JG1A0520	RT41053	MOBILE COMPUTING	30	52	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0520	RT41054	SOFTWARE TESTING METHODOLOGIES	28	60	3
15JG1A0520	RT4105B	HADOOP AND BIG DATA	29	70	3
15JG1A0520	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15JG1A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
15JG1A0520	RT4105N	SOFTWARE TESTING LAB	24	50	2
15JG1A0520	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15JG1A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	36	3
15JG1A0521	RT41052	UML AND DESIGN PATTERNS	22	35	3
15JG1A0521	RT41053	MOBILE COMPUTING	23	38	3
15JG1A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	15	34	3
15JG1A0521	RT4105B	HADOOP AND BIG DATA	21	45	3
15JG1A0521	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15JG1A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15JG1A0521	RT4105N	SOFTWARE TESTING LAB	24	48	2
15JG1A0521	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15JG1A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	45	3
15JG1A0522	RT41052	UML AND DESIGN PATTERNS	26	44	3
15JG1A0522	RT41053	MOBILE COMPUTING	29	58	3
15JG1A0522	RT41054	SOFTWARE TESTING METHODOLOGIES	25	48	3
15JG1A0522	RT4105B	HADOOP AND BIG DATA	25	49	3
15JG1A0522	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	50	2
15JG1A0522	RT4105N	SOFTWARE TESTING LAB	24	47	2
15JG1A0522	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15JG1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	55	3
15JG1A0523	RT41052	UML AND DESIGN PATTERNS	24	47	3
15JG1A0523	RT41053	MOBILE COMPUTING	27	45	3
15JG1A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	28	48	3
15JG1A0523	RT4105B	HADOOP AND BIG DATA	28	64	3
15JG1A0523	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15JG1A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	50	2
15JG1A0523	RT4105N	SOFTWARE TESTING LAB	25	50	2
15JG1A0523	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15JG1A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15JG1A0524	RT41052	UML AND DESIGN PATTERNS	19	38	3
15JG1A0524	RT41053	MOBILE COMPUTING	25	40	3
15JG1A0524	RT41054	SOFTWARE TESTING METHODOLOGIES	21	47	3
15JG1A0524	RT4105B	HADOOP AND BIG DATA	25	63	3
15JG1A0524	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15JG1A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15JG1A0524	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0524	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15JG1A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	44	3
15JG1A0525	RT41052	UML AND DESIGN PATTERNS	26	47	3
15JG1A0525	RT41053	MOBILE COMPUTING	25	40	3
15JG1A0525	RT41054	SOFTWARE TESTING METHODOLOGIES	27	35	3
15JG1A0525	RT4105B	HADOOP AND BIG DATA	25	61	3
15JG1A0525	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	47	2
15JG1A0525	RT4105N	SOFTWARE TESTING LAB	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0525	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15JG1A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	25	3
15JG1A0526	RT41052	UML AND DESIGN PATTERNS	21	37	3
15JG1A0526	RT41053	MOBILE COMPUTING	26	34	3
15JG1A0526	RT41054	SOFTWARE TESTING METHODOLOGIES	22	42	3
15JG1A0526	RT4105B	HADOOP AND BIG DATA	20	54	3
15JG1A0526	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15JG1A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	39	2
15JG1A0526	RT4105N	SOFTWARE TESTING LAB	21	45	2
15JG1A0526	RT4105O	HADOOP AND BIGDATA LAB	20	38	2
15JG1A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
15JG1A0527	RT41052	UML AND DESIGN PATTERNS	21	27	3
15JG1A0527	RT41053	MOBILE COMPUTING	21	28	3
15JG1A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	21	24	3
15JG1A0527	RT4105B	HADOOP AND BIG DATA	17	42	3
15JG1A0527	RT4105L	UML AND DESIGN PATTERNS LAB	21	35	2
15JG1A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	49	2
15JG1A0527	RT4105N	SOFTWARE TESTING LAB	22	37	2
15JG1A0527	RT4105O	HADOOP AND BIGDATA LAB	20	34	2
15JG1A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	48	3
15JG1A0528	RT41052	UML AND DESIGN PATTERNS	20	39	3
15JG1A0528	RT41053	MOBILE COMPUTING	25	46	3
15JG1A0528	RT41054	SOFTWARE TESTING METHODOLOGIES	23	41	3
15JG1A0528	RT4105B	HADOOP AND BIG DATA	20	54	3
15JG1A0528	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A0528	RT4105N	SOFTWARE TESTING LAB	24	45	2
15JG1A0528	RT4105O	HADOOP AND BIGDATA LAB	22	36	2
15JG1A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	37	3
15JG1A0529	RT41052	UML AND DESIGN PATTERNS	26	43	3
15JG1A0529	RT41053	MOBILE COMPUTING	24	37	3
15JG1A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	26	30	3
15JG1A0529	RT4105B	HADOOP AND BIG DATA	27	58	3
15JG1A0529	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15JG1A0529	RT4105N	SOFTWARE TESTING LAB	24	45	2
15JG1A0529	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15JG1A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	24	3
15JG1A0531	RT41052	UML AND DESIGN PATTERNS	22	36	3
15JG1A0531	RT41053	MOBILE COMPUTING	22	33	3
15JG1A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	21	40	3
15JG1A0531	RT4105B	HADOOP AND BIG DATA	24	34	3
15JG1A0531	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15JG1A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15JG1A0531	RT4105N	SOFTWARE TESTING LAB	22	44	2
15JG1A0531	RT4105O	HADOOP AND BIGDATA LAB	19	38	2
15JG1A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	2	0
15JG1A0532	RT41052	UML AND DESIGN PATTERNS	19	24	3
15JG1A0532	RT41053	MOBILE COMPUTING	20	24	3
15JG1A0532	RT41054	SOFTWARE TESTING METHODOLOGIES	19	17	0



Htno	Subcode	Subname	Internal	External	Credits
15JG1A0532	RT4105B	HADOOP AND BIG DATA	21	38	3
15JG1A0532	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	48	2
15JG1A0532	RT4105N	SOFTWARE TESTING LAB	21	46	2
15JG1A0532	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	34	3
15JG1A0533	RT41052	UML AND DESIGN PATTERNS	14	34	3
15JG1A0533	RT41053	MOBILE COMPUTING	16	44	3
15JG1A0533	RT41054	SOFTWARE TESTING METHODOLOGIES	13	36	3
15JG1A0533	RT4105B	HADOOP AND BIG DATA	16	47	3
15JG1A0533	RT4105L	UML AND DESIGN PATTERNS LAB	22	35	2
15JG1A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
15JG1A0533	RT4105N	SOFTWARE TESTING LAB	21	42	2
15JG1A0533	RT4105O	HADOOP AND BIGDATA LAB	18	31	2
15JG1A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	6	0
15JG1A0534	RT41052	UML AND DESIGN PATTERNS	11	30	3
15JG1A0534	RT41053	MOBILE COMPUTING	15	20	0
15JG1A0534	RT41054	SOFTWARE TESTING METHODOLOGIES	12	25	0
15JG1A0534	RT4105B	HADOOP AND BIG DATA	13	3	0
15JG1A0534	RT4105L	UML AND DESIGN PATTERNS LAB	21	37	2
15JG1A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
15JG1A0534	RT4105N	SOFTWARE TESTING LAB	21	39	2
15JG1A0534	RT4105O	HADOOP AND BIGDATA LAB	17	32	2
15JG1A0535	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15JG1A0535	RT41052	UML AND DESIGN PATTERNS	19	47	3
15JG1A0535	RT41053	MOBILE COMPUTING	21	38	3
15JG1A0535	RT41054	SOFTWARE TESTING METHODOLOGIES	23	47	3
15JG1A0535	RT4105B	HADOOP AND BIG DATA	25	44	3
15JG1A0535	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15JG1A0535	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15JG1A0535	RT4105N	SOFTWARE TESTING LAB	22	46	2
15JG1A0535	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15JG1A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	28	3
15JG1A0536	RT41052	UML AND DESIGN PATTERNS	23	36	3
15JG1A0536	RT41053	MOBILE COMPUTING	23	32	3
15JG1A0536	RT41054	SOFTWARE TESTING METHODOLOGIES	21	26	3
15JG1A0536	RT4105B	HADOOP AND BIG DATA	22	37	3
15JG1A0536	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15JG1A0536	RT4105N	SOFTWARE TESTING LAB	24	44	2
15JG1A0536	RT4105O	HADOOP AND BIGDATA LAB	19	40	2
15JG1A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	48	3
15JG1A0537	RT41052	UML AND DESIGN PATTERNS	16	43	3
15JG1A0537	RT41053	MOBILE COMPUTING	23	43	3
15JG1A0537	RT41054	SOFTWARE TESTING METHODOLOGIES	23	46	3
15JG1A0537	RT4105B	HADOOP AND BIG DATA	21	69	3
15JG1A0537	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	49	2
15JG1A0537	RT4105N	SOFTWARE TESTING LAB	23	47	2
15JG1A0537	RT4105O	HADOOP AND BIGDATA LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15JG1A0538	RT41052	UML AND DESIGN PATTERNS	21	36	3
15JG1A0538	RT41053	MOBILE COMPUTING	25	38	3
15JG1A0538	RT41054	SOFTWARE TESTING METHODOLOGIES	27	28	3
15JG1A0538	RT4105B	HADOOP AND BIG DATA	24	47	3
15JG1A0538	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15JG1A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	47	2
15JG1A0538	RT4105N	SOFTWARE TESTING LAB	22	36	2
15JG1A0538	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15JG1A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	28	3
15JG1A0539	RT41052	UML AND DESIGN PATTERNS	23	35	3
15JG1A0539	RT41053	MOBILE COMPUTING	23	39	3
15JG1A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	26	46	3
15JG1A0539	RT4105B	HADOOP AND BIG DATA	22	43	3
15JG1A0539	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
15JG1A0539	RT4105N	SOFTWARE TESTING LAB	22	42	2
15JG1A0539	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
15JG1A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	52	3
15JG1A0540	RT41052	UML AND DESIGN PATTERNS	27	50	3
15JG1A0540	RT41053	MOBILE COMPUTING	25	31	3
15JG1A0540	RT41054	SOFTWARE TESTING METHODOLOGIES	25	24	3
15JG1A0540	RT4105B	HADOOP AND BIG DATA	22	58	3
15JG1A0540	RT4105L	UML AND DESIGN PATTERNS LAB	22	42	2
15JG1A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15JG1A0540	RT4105N	SOFTWARE TESTING LAB	24	45	2
15JG1A0540	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15JG1A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	32	3
15JG1A0541	RT41052	UML AND DESIGN PATTERNS	20	33	3
15JG1A0541	RT41053	MOBILE COMPUTING	24	32	3
15JG1A0541	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
15JG1A0541	RT4105B	HADOOP AND BIG DATA	22	35	3
15JG1A0541	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15JG1A0541	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
15JG1A0541	RT4105N	SOFTWARE TESTING LAB	23	45	2
15JG1A0541	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15JG1A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15JG1A0542	RT41052	UML AND DESIGN PATTERNS	24	33	3
15JG1A0542	RT41053	MOBILE COMPUTING	22	34	3
15JG1A0542	RT41054	SOFTWARE TESTING METHODOLOGIES	23	29	3
15JG1A0542	RT4105B	HADOOP AND BIG DATA	22	58	3
15JG1A0542	RT4105L	UML AND DESIGN PATTERNS LAB	23	40	2
15JG1A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15JG1A0542	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A0542	RT4105O	HADOOP AND BIGDATA LAB	21	37	2
15JG1A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	30	3
15JG1A0543	RT41052	UML AND DESIGN PATTERNS	22	44	3
15JG1A0543	RT41053	MOBILE COMPUTING	28	37	3
15JG1A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	25	47	3
15JG1A0543	RT4105B	HADOOP AND BIG DATA	22	45	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0543	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15JG1A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15JG1A0543	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0543	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	43	3
15JG1A0544	RT41052	UML AND DESIGN PATTERNS	24	46	3
15JG1A0544	RT41053	MOBILE COMPUTING	25	49	3
15JG1A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
15JG1A0544	RT4105B	HADOOP AND BIG DATA	26	65	3
15JG1A0544	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15JG1A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15JG1A0544	RT4105N	SOFTWARE TESTING LAB	25	48	2
15JG1A0544	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15JG1A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	60	3
15JG1A0545	RT41052	UML AND DESIGN PATTERNS	22	35	3
15JG1A0545	RT41053	MOBILE COMPUTING	27	36	3
15JG1A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	24	48	3
15JG1A0545	RT4105B	HADOOP AND BIG DATA	27	70	3
15JG1A0545	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15JG1A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
15JG1A0545	RT4105N	SOFTWARE TESTING LAB	24	49	2
15JG1A0545	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15JG1A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	42	3
15JG1A0547	RT41052	UML AND DESIGN PATTERNS	21	27	3
15JG1A0547	RT41053	MOBILE COMPUTING	23	24	3
15JG1A0547	RT41054	SOFTWARE TESTING METHODOLOGIES	22	28	3
15JG1A0547	RT4105B	HADOOP AND BIG DATA	23	55	3
15JG1A0547	RT4105L	UML AND DESIGN PATTERNS LAB	22	36	2
15JG1A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	39	2
15JG1A0547	RT4105N	SOFTWARE TESTING LAB	24	45	2
15JG1A0547	RT4105O	HADOOP AND BIGDATA LAB	20	39	2
15JG1A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	32	3
15JG1A0548	RT41052	UML AND DESIGN PATTERNS	21	45	3
15JG1A0548	RT41053	MOBILE COMPUTING	29	41	3
15JG1A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	24	47	3
15JG1A0548	RT4105B	HADOOP AND BIG DATA	26	54	3
15JG1A0548	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	50	2
15JG1A0548	RT4105N	SOFTWARE TESTING LAB	24	50	2
15JG1A0548	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15JG1A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	45	3
15JG1A0549	RT41052	UML AND DESIGN PATTERNS	26	35	3
15JG1A0549	RT41053	MOBILE COMPUTING	24	30	3
15JG1A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	27	35	3
15JG1A0549	RT4105B	HADOOP AND BIG DATA	23	53	3
15JG1A0549	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15JG1A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15JG1A0549	RT4105N	SOFTWARE TESTING LAB	23	47	2
15JG1A0549	RT4105O	HADOOP AND BIGDATA LAB	18	39	2
15JG1A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0550	RT41052	UML AND DESIGN PATTERNS	28	45	3
15JG1A0550	RT41053	MOBILE COMPUTING	30	44	3
15JG1A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	28	45	3
15JG1A0550	RT4105B	HADOOP AND BIG DATA	24	66	3
15JG1A0550	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15JG1A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15JG1A0550	RT4105N	SOFTWARE TESTING LAB	24	46	2
15JG1A0550	RT4105O	HADOOP AND BIGDATA LAB	20	44	2
15JG1A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	17	0
15JG1A0551	RT41052	UML AND DESIGN PATTERNS	18	24	3
15JG1A0551	RT41053	MOBILE COMPUTING	17	24	3
15JG1A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	22	18	0
15JG1A0551	RT4105B	HADOOP AND BIG DATA	16	40	3
15JG1A0551	RT4105L	UML AND DESIGN PATTERNS LAB	24	35	2
15JG1A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	32	2
15JG1A0551	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A0551	RT4105O	HADOOP AND BIGDATA LAB	18	32	2
15JG1A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	26	3
15JG1A0552	RT41052	UML AND DESIGN PATTERNS	22	34	3
15JG1A0552	RT41053	MOBILE COMPUTING	25	49	3
15JG1A0552	RT41054	SOFTWARE TESTING METHODOLOGIES	21	44	3
15JG1A0552	RT4105B	HADOOP AND BIG DATA	20	31	3
15JG1A0552	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15JG1A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	42	2
15JG1A0552	RT4105N	SOFTWARE TESTING LAB	23	44	2
15JG1A0552	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15JG1A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	12	0
15JG1A0553	RT41052	UML AND DESIGN PATTERNS	22	32	3
15JG1A0553	RT41053	MOBILE COMPUTING	23	17	0
15JG1A0553	RT41054	SOFTWARE TESTING METHODOLOGIES	23	17	0
15JG1A0553	RT4105B	HADOOP AND BIG DATA	23	47	3
15JG1A0553	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15JG1A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15JG1A0553	RT4105N	SOFTWARE TESTING LAB	24	46	2
15JG1A0553	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15JG1A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15JG1A0554	RT41052	UML AND DESIGN PATTERNS	23	36	3
15JG1A0554	RT41053	MOBILE COMPUTING	19	29	3
15JG1A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	15	40	3
15JG1A0554	RT4105B	HADOOP AND BIG DATA	20	51	3
15JG1A0554	RT4105L	UML AND DESIGN PATTERNS LAB	22	29	2
15JG1A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	33	2
15JG1A0554	RT4105N	SOFTWARE TESTING LAB	20	41	2
15JG1A0554	RT4105O	HADOOP AND BIGDATA LAB	18	38	2
15JG1A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	54	3
15JG1A0555	RT41052	UML AND DESIGN PATTERNS	24	49	3
15JG1A0555	RT41053	MOBILE COMPUTING	27	40	3
15JG1A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	24	35	3
15JG1A0555	RT4105B	HADOOP AND BIG DATA	27	57	3
15JG1A0555	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15JG1A0555	RT4105N	SOFTWARE TESTING LAB	23	43	2
15JG1A0555	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15JG1A0556	RT41052	UML AND DESIGN PATTERNS	19	37	3
15JG1A0556	RT41053	MOBILE COMPUTING	22	53	3
15JG1A0556	RT41054	SOFTWARE TESTING METHODOLOGIES	19	48	3
15JG1A0556	RT4105B	HADOOP AND BIG DATA	27	44	3
15JG1A0556	RT4105L	UML AND DESIGN PATTERNS LAB	23	50	2
15JG1A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15JG1A0556	RT4105N	SOFTWARE TESTING LAB	22	42	2
15JG1A0556	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15JG1A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	35	3
15JG1A0557	RT41052	UML AND DESIGN PATTERNS	18	45	3
15JG1A0557	RT41053	MOBILE COMPUTING	18	28	3
15JG1A0557	RT41054	SOFTWARE TESTING METHODOLOGIES	20	36	3
15JG1A0557	RT4105B	HADOOP AND BIG DATA	23	48	3
15JG1A0557	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15JG1A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	47	2
15JG1A0557	RT4105N	SOFTWARE TESTING LAB	21	50	2
15JG1A0557	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
15JG1A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	47	3
15JG1A0558	RT41052	UML AND DESIGN PATTERNS	28	48	3
15JG1A0558	RT41053	MOBILE COMPUTING	28	40	3
15JG1A0558	RT41054	SOFTWARE TESTING METHODOLOGIES	28	46	3
15JG1A0558	RT4105B	HADOOP AND BIG DATA	26	70	3
15JG1A0558	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15JG1A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	38	2
15JG1A0558	RT4105N	SOFTWARE TESTING LAB	24	49	2
15JG1A0558	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15JG1A0559	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15JG1A0559	RT41052	UML AND DESIGN PATTERNS	23	44	3
15JG1A0559	RT41053	MOBILE COMPUTING	22	30	3
15JG1A0559	RT41054	SOFTWARE TESTING METHODOLOGIES	25	31	3
15JG1A0559	RT4105B	HADOOP AND BIG DATA	20	45	3
15JG1A0559	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0559	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
15JG1A0559	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0559	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15JG1A0560	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15JG1A0560	RT41052	UML AND DESIGN PATTERNS	25	28	3
15JG1A0560	RT41053	MOBILE COMPUTING	26	47	3
15JG1A0560	RT41054	SOFTWARE TESTING METHODOLOGIES	18	45	3
15JG1A0560	RT4105B	HADOOP AND BIG DATA	23	50	3
15JG1A0560	RT4105L	UML AND DESIGN PATTERNS LAB	23	39	2
15JG1A0560	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	38	2
15JG1A0560	RT4105N	SOFTWARE TESTING LAB	22	48	2
15JG1A0560	RT4105O	HADOOP AND BIGDATA LAB	18	34	2
15JG1A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15JG1A0561	RT41052	UML AND DESIGN PATTERNS	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0561	RT41053	MOBILE COMPUTING	23	34	3
15JG1A0561	RT41054	SOFTWARE TESTING METHODOLOGIES	28	38	3
15JG1A0561	RT4105B	HADOOP AND BIG DATA	27	51	3
15JG1A0561	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15JG1A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	41	2
15JG1A0561	RT4105N	SOFTWARE TESTING LAB	24	47	2
15JG1A0561	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
15JG1A0562	RT41052	UML AND DESIGN PATTERNS	26	38	3
15JG1A0562	RT41053	MOBILE COMPUTING	26	35	3
15JG1A0562	RT41054	SOFTWARE TESTING METHODOLOGIES	26	34	3
15JG1A0562	RT4105B	HADOOP AND BIG DATA	23	62	3
15JG1A0562	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15JG1A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15JG1A0562	RT4105N	SOFTWARE TESTING LAB	24	48	2
15JG1A0562	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15JG1A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
15JG1A0563	RT41052	UML AND DESIGN PATTERNS	27	39	3
15JG1A0563	RT41053	MOBILE COMPUTING	28	38	3
15JG1A0563	RT41054	SOFTWARE TESTING METHODOLOGIES	25	31	3
15JG1A0563	RT4105B	HADOOP AND BIG DATA	27	44	3
15JG1A0563	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15JG1A0563	RT4105N	SOFTWARE TESTING LAB	25	45	2
15JG1A0563	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15JG1A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15JG1A0564	RT41052	UML AND DESIGN PATTERNS	23	37	3
15JG1A0564	RT41053	MOBILE COMPUTING	24	45	3
15JG1A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	21	46	3
15JG1A0564	RT4105B	HADOOP AND BIG DATA	21	36	3
15JG1A0564	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15JG1A0564	RT4105N	SOFTWARE TESTING LAB	25	47	2
15JG1A0564	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15JG1A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	35	3
15JG1A0565	RT41052	UML AND DESIGN PATTERNS	27	49	3
15JG1A0565	RT41053	MOBILE COMPUTING	27	41	3
15JG1A0565	RT41054	SOFTWARE TESTING METHODOLOGIES	29	38	3
15JG1A0565	RT4105B	HADOOP AND BIG DATA	29	61	3
15JG1A0565	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15JG1A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	40	2
15JG1A0565	RT4105N	SOFTWARE TESTING LAB	23	49	2
15JG1A0565	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15JG1A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	10	0
15JG1A0566	RT41052	UML AND DESIGN PATTERNS	11	24	0
15JG1A0566	RT41053	MOBILE COMPUTING	13	27	3
15JG1A0566	RT41054	SOFTWARE TESTING METHODOLOGIES	18	17	0
15JG1A0566	RT4105B	HADOOP AND BIG DATA	16	31	3
15JG1A0566	RT4105L	UML AND DESIGN PATTERNS LAB	21	40	2
15JG1A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	38	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0566	RT4105N	SOFTWARE TESTING LAB	23	47	2
15JG1A0566	RT4105O	HADOOP AND BIGDATA LAB	20	34	2
15JG1A0567	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	29	3
15JG1A0567	RT41052	UML AND DESIGN PATTERNS	22	32	3
15JG1A0567	RT41053	MOBILE COMPUTING	18	18	0
15JG1A0567	RT41054	SOFTWARE TESTING METHODOLOGIES	17	14	0
15JG1A0567	RT4105B	HADOOP AND BIG DATA	18	27	3
15JG1A0567	RT4105L	UML AND DESIGN PATTERNS LAB	25	45	2
15JG1A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	32	2
15JG1A0567	RT4105N	SOFTWARE TESTING LAB	21	45	2
15JG1A0567	RT4105O	HADOOP AND BIGDATA LAB	21	37	2
15JG1A0568	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
15JG1A0568	RT41052	UML AND DESIGN PATTERNS	19	35	3
15JG1A0568	RT41053	MOBILE COMPUTING	24	38	3
15JG1A0568	RT41054	SOFTWARE TESTING METHODOLOGIES	27	49	3
15JG1A0568	RT4105B	HADOOP AND BIG DATA	26	41	3
15JG1A0568	RT4105L	UML AND DESIGN PATTERNS LAB	24	44	2
15JG1A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
15JG1A0568	RT4105N	SOFTWARE TESTING LAB	21	45	2
15JG1A0568	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15JG1A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	16	0
15JG1A0569	RT41052	UML AND DESIGN PATTERNS	16	25	3
15JG1A0569	RT41053	MOBILE COMPUTING	25	30	3
15JG1A0569	RT41054	SOFTWARE TESTING METHODOLOGIES	21	24	3
15JG1A0569	RT4105B	HADOOP AND BIG DATA	24	47	3
15JG1A0569	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15JG1A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15JG1A0569	RT4105N	SOFTWARE TESTING LAB	24	46	2
15JG1A0569	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15JG1A0570	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15JG1A0570	RT41052	UML AND DESIGN PATTERNS	26	43	3
15JG1A0570	RT41053	MOBILE COMPUTING	26	33	3
15JG1A0570	RT41054	SOFTWARE TESTING METHODOLOGIES	25	43	3
15JG1A0570	RT4105B	HADOOP AND BIG DATA	25	54	3
15JG1A0570	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0570	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15JG1A0570	RT4105N	SOFTWARE TESTING LAB	25	48	2
15JG1A0570	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15JG1A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	45	3
15JG1A0571	RT41052	UML AND DESIGN PATTERNS	22	37	3
15JG1A0571	RT41053	MOBILE COMPUTING	26	39	3
15JG1A0571	RT41054	SOFTWARE TESTING METHODOLOGIES	23	26	3
15JG1A0571	RT4105B	HADOOP AND BIG DATA	21	63	3
15JG1A0571	RT4105L	UML AND DESIGN PATTERNS LAB	22	42	2
15JG1A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
15JG1A0571	RT4105N	SOFTWARE TESTING LAB	24	45	2
15JG1A0571	RT4105O	HADOOP AND BIGDATA LAB	19	48	2
15JG1A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	42	3
15JG1A0572	RT41052	UML AND DESIGN PATTERNS	26	48	3
15JG1A0572	RT41053	MOBILE COMPUTING	27	52	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0572	RT41054	SOFTWARE TESTING METHODOLOGIES	28	45	3
15JG1A0572	RT4105B	HADOOP AND BIG DATA	30	42	3
15JG1A0572	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15JG1A0572	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0572	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15JG1A0573	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
15JG1A0573	RT41052	UML AND DESIGN PATTERNS	18	38	3
15JG1A0573	RT41053	MOBILE COMPUTING	24	18	0
15JG1A0573	RT41054	SOFTWARE TESTING METHODOLOGIES	19	30	3
15JG1A0573	RT4105B	HADOOP AND BIG DATA	21	45	3
15JG1A0573	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15JG1A0573	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	41	2
15JG1A0573	RT4105N	SOFTWARE TESTING LAB	22	40	2
15JG1A0573	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15JG1A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	43	3
15JG1A0574	RT41052	UML AND DESIGN PATTERNS	15	34	3
15JG1A0574	RT41053	MOBILE COMPUTING	24	31	3
15JG1A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	14	32	3
15JG1A0574	RT4105B	HADOOP AND BIG DATA	18	43	3
15JG1A0574	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15JG1A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	40	2
15JG1A0574	RT4105N	SOFTWARE TESTING LAB	22	46	2
15JG1A0574	RT4105O	HADOOP AND BIGDATA LAB	21	38	2
15JG1A0575	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	25	3
15JG1A0575	RT41052	UML AND DESIGN PATTERNS	22	29	3
15JG1A0575	RT41053	MOBILE COMPUTING	25	31	3
15JG1A0575	RT41054	SOFTWARE TESTING METHODOLOGIES	25	30	3
15JG1A0575	RT4105B	HADOOP AND BIG DATA	24	42	3
15JG1A0575	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15JG1A0575	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15JG1A0575	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0575	RT4105O	HADOOP AND BIGDATA LAB	19	36	2
15JG1A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	48	3
15JG1A0576	RT41052	UML AND DESIGN PATTERNS	27	28	3
15JG1A0576	RT41053	MOBILE COMPUTING	28	53	3
15JG1A0576	RT41054	SOFTWARE TESTING METHODOLOGIES	29	47	3
15JG1A0576	RT4105B	HADOOP AND BIG DATA	24	40	3
15JG1A0576	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15JG1A0576	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
15JG1A0576	RT4105N	SOFTWARE TESTING LAB	22	48	2
15JG1A0576	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
15JG1A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	31	3
15JG1A0577	RT41052	UML AND DESIGN PATTERNS	27	37	3
15JG1A0577	RT41053	MOBILE COMPUTING	27	31	3
15JG1A0577	RT41054	SOFTWARE TESTING METHODOLOGIES	29	32	3
15JG1A0577	RT4105B	HADOOP AND BIG DATA	25	46	3
15JG1A0577	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15JG1A0577	RT4105N	SOFTWARE TESTING LAB	23	47	2



Htno	Subcode	Subname	Internal	External	Credits
15JG1A0577	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15JG1A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	24	3
15JG1A0578	RT41052	UML AND DESIGN PATTERNS	18	28	3
15JG1A0578	RT41053	MOBILE COMPUTING	17	27	3
15JG1A0578	RT41054	SOFTWARE TESTING METHODOLOGIES	21	26	3
15JG1A0578	RT4105B	HADOOP AND BIG DATA	17	37	3
15JG1A0578	RT4105L	UML AND DESIGN PATTERNS LAB	21	30	2
15JG1A0578	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	34	2
15JG1A0578	RT4105N	SOFTWARE TESTING LAB	23	39	2
15JG1A0578	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
15JG1A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15JG1A0579	RT41052	UML AND DESIGN PATTERNS	25	35	3
15JG1A0579	RT41053	MOBILE COMPUTING	28	37	3
15JG1A0579	RT41054	SOFTWARE TESTING METHODOLOGIES	28	31	3
15JG1A0579	RT4105B	HADOOP AND BIG DATA	23	59	3
15JG1A0579	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15JG1A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15JG1A0579	RT4105N	SOFTWARE TESTING LAB	22	47	2
15JG1A0579	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A0580	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15JG1A0580	RT41052	UML AND DESIGN PATTERNS	18	24	3
15JG1A0580	RT41053	MOBILE COMPUTING	16	27	3
15JG1A0580	RT41054	SOFTWARE TESTING METHODOLOGIES	21	39	3
15JG1A0580	RT4105B	HADOOP AND BIG DATA	20	24	3
15JG1A0580	RT4105L	UML AND DESIGN PATTERNS LAB	18	25	2
15JG1A0580	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	21	2
15JG1A0580	RT4105N	SOFTWARE TESTING LAB	24	38	2
15JG1A0580	RT4105O	HADOOP AND BIGDATA LAB	16	16	0
15JG1A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	38	3
15JG1A0581	RT41052	UML AND DESIGN PATTERNS	19	41	3
15JG1A0581	RT41053	MOBILE COMPUTING	22	36	3
15JG1A0581	RT41054	SOFTWARE TESTING METHODOLOGIES	22	38	3
15JG1A0581	RT4105B	HADOOP AND BIG DATA	23	40	3
15JG1A0581	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15JG1A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2
15JG1A0581	RT4105N	SOFTWARE TESTING LAB	23	45	2
15JG1A0581	RT4105O	HADOOP AND BIGDATA LAB	18	35	2
15JG1A0582	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	54	3
15JG1A0582	RT41052	UML AND DESIGN PATTERNS	23	39	3
15JG1A0582	RT41053	MOBILE COMPUTING	24	46	3
15JG1A0582	RT41054	SOFTWARE TESTING METHODOLOGIES	23	45	3
15JG1A0582	RT4105B	HADOOP AND BIG DATA	27	63	3
15JG1A0582	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15JG1A0582	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15JG1A0582	RT4105N	SOFTWARE TESTING LAB	22	47	2
15JG1A0582	RT4105O	HADOOP AND BIGDATA LAB	18	48	2
15JG1A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	31	3
15JG1A0583	RT41052	UML AND DESIGN PATTERNS	21	27	3
15JG1A0583	RT41053	MOBILE COMPUTING	23	24	3
15JG1A0583	RT41054	SOFTWARE TESTING METHODOLOGIES	25	25	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0583	RT4105B	HADOOP AND BIG DATA	24	30	3
15JG1A0583	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15JG1A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	23	2
15JG1A0583	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A0583	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15JG1A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	31	3
15JG1A0584	RT41052	UML AND DESIGN PATTERNS	24	48	3
15JG1A0584	RT41053	MOBILE COMPUTING	27	49	3
15JG1A0584	RT41054	SOFTWARE TESTING METHODOLOGIES	30	45	3
15JG1A0584	RT4105B	HADOOP AND BIG DATA	26	45	3
15JG1A0584	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
15JG1A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	23	2
15JG1A0584	RT4105N	SOFTWARE TESTING LAB	23	48	2
15JG1A0584	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
15JG1A0585	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
15JG1A0585	RT41052	UML AND DESIGN PATTERNS	20	37	3
15JG1A0585	RT41053	MOBILE COMPUTING	25	30	3
15JG1A0585	RT41054	SOFTWARE TESTING METHODOLOGIES	25	32	3
15JG1A0585	RT4105B	HADOOP AND BIG DATA	22	53	3
15JG1A0585	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15JG1A0585	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A0585	RT4105N	SOFTWARE TESTING LAB	23	49	2
15JG1A0585	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	40	3
15JG1A0586	RT41052	UML AND DESIGN PATTERNS	25	45	3
15JG1A0586	RT41053	MOBILE COMPUTING	26	38	3
15JG1A0586	RT41054	SOFTWARE TESTING METHODOLOGIES	26	40	3
15JG1A0586	RT4105B	HADOOP AND BIG DATA	26	70	3
15JG1A0586	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15JG1A0586	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15JG1A0586	RT4105N	SOFTWARE TESTING LAB	25	47	2
15JG1A0586	RT4105O	HADOOP AND BIGDATA LAB	24	45	2
15JG1A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	38	3
15JG1A0587	RT41052	UML AND DESIGN PATTERNS	23	35	3
15JG1A0587	RT41053	MOBILE COMPUTING	27	38	3
15JG1A0587	RT41054	SOFTWARE TESTING METHODOLOGIES	25	35	3
15JG1A0587	RT4105B	HADOOP AND BIG DATA	26	63	3
15JG1A0587	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15JG1A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	36	2
15JG1A0587	RT4105N	SOFTWARE TESTING LAB	22	46	2
15JG1A0587	RT4105O	HADOOP AND BIGDATA LAB	23	35	2
15JG1A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	30	3
15JG1A0588	RT41052	UML AND DESIGN PATTERNS	13	28	3
15JG1A0588	RT41053	MOBILE COMPUTING	10	34	3
15JG1A0588	RT41054	SOFTWARE TESTING METHODOLOGIES	16	47	3
15JG1A0588	RT4105B	HADOOP AND BIG DATA	13	15	0
15JG1A0588	RT4105L	UML AND DESIGN PATTERNS LAB	17	25	2
15JG1A0588	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	15	22	2
15JG1A0588	RT4105N	SOFTWARE TESTING LAB	23	40	2
15JG1A0588	RT4105O	HADOOP AND BIGDATA LAB	10	16	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	35	3
15JG1A0589	RT41052	UML AND DESIGN PATTERNS	18	48	3
15JG1A0589	RT41053	MOBILE COMPUTING	29	31	3
15JG1A0589	RT41054	SOFTWARE TESTING METHODOLOGIES	26	35	3
15JG1A0589	RT4105B	HADOOP AND BIG DATA	27	56	3
15JG1A0589	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15JG1A0589	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15JG1A0589	RT4105N	SOFTWARE TESTING LAB	23	45	2
15JG1A0589	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
15JG1A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	46	3
15JG1A0590	RT41052	UML AND DESIGN PATTERNS	21	38	3
15JG1A0590	RT41053	MOBILE COMPUTING	22	44	3
15JG1A0590	RT41054	SOFTWARE TESTING METHODOLOGIES	26	33	3
15JG1A0590	RT4105B	HADOOP AND BIG DATA	24	70	3
15JG1A0590	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15JG1A0590	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	43	2
15JG1A0590	RT4105N	SOFTWARE TESTING LAB	25	47	2
15JG1A0590	RT4105O	HADOOP AND BIGDATA LAB	22	33	2
15JG1A0591	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	47	3
15JG1A0591	RT41052	UML AND DESIGN PATTERNS	25	40	3
15JG1A0591	RT41053	MOBILE COMPUTING	26	37	3
15JG1A0591	RT41054	SOFTWARE TESTING METHODOLOGIES	26	30	3
15JG1A0591	RT4105B	HADOOP AND BIG DATA	27	43	3
15JG1A0591	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15JG1A0591	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	35	2
15JG1A0591	RT4105N	SOFTWARE TESTING LAB	25	49	2
15JG1A0591	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A0592	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	29	3
15JG1A0592	RT41052	UML AND DESIGN PATTERNS	18	28	3
15JG1A0592	RT41053	MOBILE COMPUTING	19	34	3
15JG1A0592	RT41054	SOFTWARE TESTING METHODOLOGIES	20	44	3
15JG1A0592	RT4105B	HADOOP AND BIG DATA	18	28	3
15JG1A0592	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15JG1A0592	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	34	2
15JG1A0592	RT4105N	SOFTWARE TESTING LAB	25	41	2
15JG1A0592	RT4105O	HADOOP AND BIGDATA LAB	19	43	2
15JG1A0593	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	8	32	3
15JG1A0593	RT41052	UML AND DESIGN PATTERNS	21	38	3
15JG1A0593	RT41053	MOBILE COMPUTING	12	28	3
15JG1A0593	RT41054	SOFTWARE TESTING METHODOLOGIES	11	33	3
15JG1A0593	RT4105B	HADOOP AND BIG DATA	11	41	3
15JG1A0593	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15JG1A0593	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	35	2
15JG1A0593	RT4105N	SOFTWARE TESTING LAB	21	48	2
15JG1A0593	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15JG1A0594	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15JG1A0594	RT41052	UML AND DESIGN PATTERNS	11	40	3
15JG1A0594	RT41053	MOBILE COMPUTING	22	36	3
15JG1A0594	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
15JG1A0594	RT4105B	HADOOP AND BIG DATA	20	66	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A0594	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2
15JG1A0594	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2
15JG1A0594	RT4105N	SOFTWARE TESTING LAB	23	44	2
15JG1A0594	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15JG1A0595	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	45	3
15JG1A0595	RT41052	UML AND DESIGN PATTERNS	20	34	3
15JG1A0595	RT41053	MOBILE COMPUTING	20	33	3
15JG1A0595	RT41054	SOFTWARE TESTING METHODOLOGIES	22	29	3
15JG1A0595	RT4105B	HADOOP AND BIG DATA	22	60	3
15JG1A0595	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15JG1A0595	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	30	2
15JG1A0595	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A0595	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
15JG1A0597	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15JG1A0597	RT41052	UML AND DESIGN PATTERNS	18	47	3
15JG1A0597	RT41053	MOBILE COMPUTING	25	50	3
15JG1A0597	RT41054	SOFTWARE TESTING METHODOLOGIES	29	51	3
15JG1A0597	RT4105B	HADOOP AND BIG DATA	26	32	3
15JG1A0597	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15JG1A0597	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15JG1A0597	RT4105N	SOFTWARE TESTING LAB	22	44	2
15JG1A0597	RT4105O	HADOOP AND BIGDATA LAB	18	45	2
15JG1A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	37	3
15JG1A0598	RT41052	UML AND DESIGN PATTERNS	24	34	3
15JG1A0598	RT41053	MOBILE COMPUTING	26	36	3
15JG1A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	22	35	3
15JG1A0598	RT4105B	HADOOP AND BIG DATA	20	50	3
15JG1A0598	RT4105L	UML AND DESIGN PATTERNS LAB	20	43	2
15JG1A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15JG1A0598	RT4105N	SOFTWARE TESTING LAB	24	49	2
15JG1A0598	RT4105O	HADOOP AND BIGDATA LAB	20	45	2
15JG1A0599	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	24	3
15JG1A0599	RT41052	UML AND DESIGN PATTERNS	20	32	3
15JG1A0599	RT41053	MOBILE COMPUTING	24	36	3
15JG1A0599	RT41054	SOFTWARE TESTING METHODOLOGIES	27	39	3
15JG1A0599	RT4105B	HADOOP AND BIG DATA	19	50	3
15JG1A0599	RT4105L	UML AND DESIGN PATTERNS LAB	21	39	2
15JG1A0599	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	37	2
15JG1A0599	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A0599	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15JG1A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
15JG1A05A0	RT41052	UML AND DESIGN PATTERNS	12	37	3
15JG1A05A0	RT41053	MOBILE COMPUTING	25	34	3
15JG1A05A0	RT41054	SOFTWARE TESTING METHODOLOGIES	20	29	3
15JG1A05A0	RT4105B	HADOOP AND BIG DATA	16	42	3
15JG1A05A0	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15JG1A05A0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15JG1A05A0	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A05A0	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
15JG1A05A1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05A1	RT41052	UML AND DESIGN PATTERNS	22	30	3
15JG1A05A1	RT41053	MOBILE COMPUTING	17	32	3
15JG1A05A1	RT41054	SOFTWARE TESTING METHODOLOGIES	21	38	3
15JG1A05A1	RT4105B	HADOOP AND BIG DATA	11	34	3
15JG1A05A1	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15JG1A05A1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	34	2
15JG1A05A1	RT4105N	SOFTWARE TESTING LAB	22	46	2
15JG1A05A1	RT4105O	HADOOP AND BIGDATA LAB	16	26	2
15JG1A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	38	3
15JG1A05A2	RT41052	UML AND DESIGN PATTERNS	14	46	3
15JG1A05A2	RT41053	MOBILE COMPUTING	19	43	3
15JG1A05A2	RT41054	SOFTWARE TESTING METHODOLOGIES	15	35	3
15JG1A05A2	RT4105B	HADOOP AND BIG DATA	17	38	3
15JG1A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	21	36	2
15JG1A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	22	2
15JG1A05A2	RT4105N	SOFTWARE TESTING LAB	22	39	2
15JG1A05A2	RT4105O	HADOOP AND BIGDATA LAB	22	29	2
15JG1A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	30	3
15JG1A05A3	RT41052	UML AND DESIGN PATTERNS	21	34	3
15JG1A05A3	RT41053	MOBILE COMPUTING	18	32	3
15JG1A05A3	RT41054	SOFTWARE TESTING METHODOLOGIES	18	33	3
15JG1A05A3	RT4105B	HADOOP AND BIG DATA	17	45	3
15JG1A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	30	2
15JG1A05A3	RT4105N	SOFTWARE TESTING LAB	23	38	2
15JG1A05A3	RT4105O	HADOOP AND BIGDATA LAB	20	32	2
15JG1A05A4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	44	3
15JG1A05A4	RT41052	UML AND DESIGN PATTERNS	22	38	3
15JG1A05A4	RT41053	MOBILE COMPUTING	25	38	3
15JG1A05A4	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
15JG1A05A4	RT4105B	HADOOP AND BIG DATA	22	43	3
15JG1A05A4	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15JG1A05A4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	37	2
15JG1A05A4	RT4105N	SOFTWARE TESTING LAB	25	44	2
15JG1A05A4	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A05A5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	48	3
15JG1A05A5	RT41052	UML AND DESIGN PATTERNS	26	55	3
15JG1A05A5	RT41053	MOBILE COMPUTING	27	53	3
15JG1A05A5	RT41054	SOFTWARE TESTING METHODOLOGIES	28	47	3
15JG1A05A5	RT4105B	HADOOP AND BIG DATA	28	38	3
15JG1A05A5	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15JG1A05A5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15JG1A05A5	RT4105N	SOFTWARE TESTING LAB	25	48	2
15JG1A05A5	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15JG1A05A6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	8	0
15JG1A05A6	RT41052	UML AND DESIGN PATTERNS	16	25	3
15JG1A05A6	RT41053	MOBILE COMPUTING	15	12	0
15JG1A05A6	RT41054	SOFTWARE TESTING METHODOLOGIES	21	10	0
15JG1A05A6	RT4105B	HADOOP AND BIG DATA	17	19	0
15JG1A05A6	RT4105L	UML AND DESIGN PATTERNS LAB	21	26	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05A6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	22	2
15JG1A05A6	RT4105N	SOFTWARE TESTING LAB	21	40	2
15JG1A05A6	RT4105O	HADOOP AND BIGDATA LAB	20	29	2
15JG1A05A7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	44	3
15JG1A05A7	RT41052	UML AND DESIGN PATTERNS	27	46	3
15JG1A05A7	RT41053	MOBILE COMPUTING	27	48	3
15JG1A05A7	RT41054	SOFTWARE TESTING METHODOLOGIES	28	51	3
15JG1A05A7	RT4105B	HADOOP AND BIG DATA	27	70	3
15JG1A05A7	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A05A7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15JG1A05A7	RT4105N	SOFTWARE TESTING LAB	22	49	2
15JG1A05A7	RT4105O	HADOOP AND BIGDATA LAB	24	44	2
15JG1A05A8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	34	3
15JG1A05A8	RT41052	UML AND DESIGN PATTERNS	23	39	3
15JG1A05A8	RT41053	MOBILE COMPUTING	24	37	3
15JG1A05A8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	31	3
15JG1A05A8	RT4105B	HADOOP AND BIG DATA	26	63	3
15JG1A05A8	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15JG1A05A8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	35	2
15JG1A05A8	RT4105N	SOFTWARE TESTING LAB	23	48	2
15JG1A05A8	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15JG1A05A9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	38	3
15JG1A05A9	RT41052	UML AND DESIGN PATTERNS	24	48	3
15JG1A05A9	RT41053	MOBILE COMPUTING	30	53	3
15JG1A05A9	RT41054	SOFTWARE TESTING METHODOLOGIES	26	46	3
15JG1A05A9	RT4105B	HADOOP AND BIG DATA	30	45	3
15JG1A05A9	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
15JG1A05A9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A05A9	RT4105N	SOFTWARE TESTING LAB	25	47	2
15JG1A05A9	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A05B0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	50	3
15JG1A05B0	RT41052	UML AND DESIGN PATTERNS	25	45	3
15JG1A05B0	RT41053	MOBILE COMPUTING	28	59	3
15JG1A05B0	RT41054	SOFTWARE TESTING METHODOLOGIES	25	48	3
15JG1A05B0	RT4105B	HADOOP AND BIG DATA	26	68	3
15JG1A05B0	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15JG1A05B0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A05B0	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A05B0	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15JG1A05B1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	33	3
15JG1A05B1	RT41052	UML AND DESIGN PATTERNS	18	31	3
15JG1A05B1	RT41053	MOBILE COMPUTING	17	35	3
15JG1A05B1	RT41054	SOFTWARE TESTING METHODOLOGIES	19	41	3
15JG1A05B1	RT4105B	HADOOP AND BIG DATA	23	43	3
15JG1A05B1	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15JG1A05B1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	32	2
15JG1A05B1	RT4105N	SOFTWARE TESTING LAB	25	41	2
15JG1A05B1	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15JG1A05B2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
15JG1A05B2	RT41052	UML AND DESIGN PATTERNS	21	31	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05B2	RT41053	MOBILE COMPUTING	24	24	3
15JG1A05B2	RT41054	SOFTWARE TESTING METHODOLOGIES	27	25	3
15JG1A05B2	RT4105B	HADOOP AND BIG DATA	26	42	3
15JG1A05B2	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15JG1A05B2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15JG1A05B2	RT4105N	SOFTWARE TESTING LAB	21	41	2
15JG1A05B2	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15JG1A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	48	3
15JG1A05B3	RT41052	UML AND DESIGN PATTERNS	20	36	3
15JG1A05B3	RT41053	MOBILE COMPUTING	23	58	3
15JG1A05B3	RT41054	SOFTWARE TESTING METHODOLOGIES	22	42	3
15JG1A05B3	RT4105B	HADOOP AND BIG DATA	24	46	3
15JG1A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15JG1A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
15JG1A05B3	RT4105N	SOFTWARE TESTING LAB	24	46	2
15JG1A05B3	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
15JG1A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	33	3
15JG1A05B4	RT41052	UML AND DESIGN PATTERNS	20	35	3
15JG1A05B4	RT41053	MOBILE COMPUTING	19	39	3
15JG1A05B4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	30	3
15JG1A05B4	RT4105B	HADOOP AND BIG DATA	21	42	3
15JG1A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15JG1A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	41	2
15JG1A05B4	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JG1A05B4	RT4105O	HADOOP AND BIGDATA LAB	20	34	2
15JG1A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	31	3
15JG1A05B5	RT41052	UML AND DESIGN PATTERNS	16	32	3
15JG1A05B5	RT41053	MOBILE COMPUTING	19	29	3
15JG1A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	17	31	3
15JG1A05B5	RT4105B	HADOOP AND BIG DATA	19	34	3
15JG1A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15JG1A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	34	2
15JG1A05B5	RT4105N	SOFTWARE TESTING LAB	23	38	2
15JG1A05B5	RT4105O	HADOOP AND BIGDATA LAB	20	28	2
15JG1A05B6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	50	3
15JG1A05B6	RT41052	UML AND DESIGN PATTERNS	27	44	3
15JG1A05B6	RT41053	MOBILE COMPUTING	29	40	3
15JG1A05B6	RT41054	SOFTWARE TESTING METHODOLOGIES	27	33	3
15JG1A05B6	RT4105B	HADOOP AND BIG DATA	27	63	3
15JG1A05B6	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15JG1A05B6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15JG1A05B6	RT4105N	SOFTWARE TESTING LAB	23	47	2
15JG1A05B6	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15JG1A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	36	3
15JG1A05B7	RT41052	UML AND DESIGN PATTERNS	23	41	3
15JG1A05B7	RT41053	MOBILE COMPUTING	26	52	3
15JG1A05B7	RT41054	SOFTWARE TESTING METHODOLOGIES	21	45	3
15JG1A05B7	RT4105B	HADOOP AND BIG DATA	25	47	3
15JG1A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15JG1A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	30	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A05B7	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A05B7	RT4105O	HADOOP AND BIGDATA LAB	21	38	2
15JG1A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	3	0
15JG1A05B8	RT41052	UML AND DESIGN PATTERNS	12	25	0
15JG1A05B8	RT41053	MOBILE COMPUTING	12	14	0
15JG1A05B8	RT41054	SOFTWARE TESTING METHODOLOGIES	9	17	0
15JG1A05B8	RT4105B	HADOOP AND BIG DATA	12	4	0
15JG1A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2
15JG1A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	21	2
15JG1A05B8	RT4105N	SOFTWARE TESTING LAB	25	40	2
15JG1A05B8	RT4105O	HADOOP AND BIGDATA LAB	17	32	2
15JG1A05B9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	50	3
15JG1A05B9	RT41052	UML AND DESIGN PATTERNS	25	36	3
15JG1A05B9	RT41053	MOBILE COMPUTING	21	49	3
15JG1A05B9	RT41054	SOFTWARE TESTING METHODOLOGIES	21	46	3
15JG1A05B9	RT4105B	HADOOP AND BIG DATA	25	58	3
15JG1A05B9	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15JG1A05B9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15JG1A05B9	RT4105N	SOFTWARE TESTING LAB	22	43	2
15JG1A05B9	RT4105O	HADOOP AND BIGDATA LAB	22	39	2
15JG1A1201	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	11	0
15JG1A1201	RT41052	UML AND DESIGN PATTERNS	16	24	3
15JG1A1201	RT41053	MOBILE COMPUTING	20	31	3
15JG1A1201	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	27	3
15JG1A1201	RT4105B	HADOOP AND BIG DATA	20	32	3
15JG1A1201	RT4112L	UML AND DESIGN PATTERNS LAB	15	31	2
15JG1A1201	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15JG1A1201	RT4112N	SOFTWARE ENGINEERING LAB	21	47	2
15JG1A1201	RT4112O	HADOOP AND BIGDATA LAB	16	31	2
15JG1A1202	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	61	3
15JG1A1202	RT41052	UML AND DESIGN PATTERNS	23	34	3
15JG1A1202	RT41053	MOBILE COMPUTING	22	50	3
15JG1A1202	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	51	3
15JG1A1202	RT4105B	HADOOP AND BIG DATA	26	41	3
15JG1A1202	RT4112L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A1202	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15JG1A1202	RT4112N	SOFTWARE ENGINEERING LAB	22	49	2
15JG1A1202	RT4112O	HADOOP AND BIGDATA LAB	23	45	2
15JG1A1203	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	34	3
15JG1A1203	RT41052	UML AND DESIGN PATTERNS	21	32	3
15JG1A1203	RT41053	MOBILE COMPUTING	21	39	3
15JG1A1203	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	42	3
15JG1A1203	RT4105B	HADOOP AND BIG DATA	25	51	3
15JG1A1203	RT4112L	UML AND DESIGN PATTERNS LAB	23	48	2
15JG1A1203	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A1203	RT4112N	SOFTWARE ENGINEERING LAB	23	50	2
15JG1A1203	RT4112O	HADOOP AND BIGDATA LAB	21	50	2
15JG1A1204	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
15JG1A1204	RT41052	UML AND DESIGN PATTERNS	18	39	3
15JG1A1204	RT41053	MOBILE COMPUTING	18	28	3



Htno	Subcode	Subname	Internal	External	Credits
15JG1A1204	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	33	3
15JG1A1204	RT4105B	HADOOP AND BIG DATA	22	32	3
15JG1A1204	RT4112L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A1204	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	41	2
15JG1A1204	RT4112N	SOFTWARE ENGINEERING LAB	23	45	2
15JG1A1204	RT4112O	HADOOP AND BIGDATA LAB	20	44	2
15JG1A1205	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	39	3
15JG1A1205	RT41052	UML AND DESIGN PATTERNS	28	39	3
15JG1A1205	RT41053	MOBILE COMPUTING	24	54	3
15JG1A1205	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	48	3
15JG1A1205	RT4105B	HADOOP AND BIG DATA	28	46	3
15JG1A1205	RT4112L	UML AND DESIGN PATTERNS LAB	22	43	2
15JG1A1205	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15JG1A1205	RT4112N	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A1205	RT4112O	HADOOP AND BIGDATA LAB	24	46	2
15JG1A1206	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	63	3
15JG1A1206	RT41052	UML AND DESIGN PATTERNS	21	43	3
15JG1A1206	RT41053	MOBILE COMPUTING	25	54	3
15JG1A1206	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	47	3
15JG1A1206	RT4105B	HADOOP AND BIG DATA	25	43	3
15JG1A1206	RT4112L	UML AND DESIGN PATTERNS LAB	24	50	2
15JG1A1206	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15JG1A1206	RT4112N	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A1206	RT4112O	HADOOP AND BIGDATA LAB	21	46	2
15JG1A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15JG1A1207	RT41052	UML AND DESIGN PATTERNS	20	31	3
15JG1A1207	RT41053	MOBILE COMPUTING	20	29	3
15JG1A1207	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	36	3
15JG1A1207	RT4105B	HADOOP AND BIG DATA	23	40	3
15JG1A1207	RT4112L	UML AND DESIGN PATTERNS LAB	24	23	2
15JG1A1207	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15JG1A1207	RT4112N	SOFTWARE ENGINEERING LAB	24	46	2
15JG1A1207	RT4112O	HADOOP AND BIGDATA LAB	24	47	2
15JG1A1209	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	9	10	0
15JG1A1209	RT41052	UML AND DESIGN PATTERNS	14	26	3
15JG1A1209	RT41053	MOBILE COMPUTING	14	18	0
15JG1A1209	RT41056	INFORMATION RETRIEVAL SYSTEMS	12	14	0
15JG1A1209	RT4105B	HADOOP AND BIG DATA	12	15	0
15JG1A1209	RT4112L	UML AND DESIGN PATTERNS LAB	13	37	2
15JG1A1209	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	47	2
15JG1A1209	RT4112N	SOFTWARE ENGINEERING LAB	19	48	2
15JG1A1209	RT4112O	HADOOP AND BIGDATA LAB	16	32	2
15JG1A1210	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	30	3
15JG1A1210	RT41052	UML AND DESIGN PATTERNS	18	30	3
15JG1A1210	RT41053	MOBILE COMPUTING	21	34	3
15JG1A1210	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	31	3
15JG1A1210	RT4105B	HADOOP AND BIG DATA	23	33	3
15JG1A1210	RT4112L	UML AND DESIGN PATTERNS LAB	16	22	2
15JG1A1210	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15JG1A1210	RT4112N	SOFTWARE ENGINEERING LAB	25	47	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1210	RT4112O	HADOOP AND BIGDATA LAB	23	45	2
15JG1A1211	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	60	3
15JG1A1211	RT41052	UML AND DESIGN PATTERNS	24	40	3
15JG1A1211	RT41053	MOBILE COMPUTING	28	70	3
15JG1A1211	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	48	3
15JG1A1211	RT4105B	HADOOP AND BIG DATA	25	43	3
15JG1A1211	RT4112L	UML AND DESIGN PATTERNS LAB	25	45	2
15JG1A1211	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15JG1A1211	RT4112N	SOFTWARE ENGINEERING LAB	25	41	2
15JG1A1211	RT4112O	HADOOP AND BIGDATA LAB	22	44	2
15JG1A1212	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15JG1A1212	RT41052	UML AND DESIGN PATTERNS	25	27	3
15JG1A1212	RT41053	MOBILE COMPUTING	25	49	3
15JG1A1212	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	39	3
15JG1A1212	RT4105B	HADOOP AND BIG DATA	19	40	3
15JG1A1212	RT4112L	UML AND DESIGN PATTERNS LAB	24	49	2
15JG1A1212	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15JG1A1212	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
15JG1A1212	RT4112O	HADOOP AND BIGDATA LAB	23	42	2
15JG1A1213	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	8	0
15JG1A1213	RT41052	UML AND DESIGN PATTERNS	17	14	0
15JG1A1213	RT41053	MOBILE COMPUTING	13	15	0
15JG1A1213	RT41056	INFORMATION RETRIEVAL SYSTEMS	15	19	0
15JG1A1213	RT4105B	HADOOP AND BIG DATA	8	40	3
15JG1A1213	RT4112L	UML AND DESIGN PATTERNS LAB	13	22	2
15JG1A1213	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	26	2
15JG1A1213	RT4112N	SOFTWARE ENGINEERING LAB	19	44	2
15JG1A1213	RT4112O	HADOOP AND BIGDATA LAB	14	27	2
15JG1A1214	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	33	3
15JG1A1214	RT41052	UML AND DESIGN PATTERNS	22	41	3
15JG1A1214	RT41053	MOBILE COMPUTING	18	33	3
15JG1A1214	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	38	3
15JG1A1214	RT4105B	HADOOP AND BIG DATA	16	34	3
15JG1A1214	RT4112L	UML AND DESIGN PATTERNS LAB	21	46	2
15JG1A1214	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
15JG1A1214	RT4112N	SOFTWARE ENGINEERING LAB	22	46	2
15JG1A1214	RT4112O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A1215	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	42	3
15JG1A1215	RT41052	UML AND DESIGN PATTERNS	26	28	3
15JG1A1215	RT41053	MOBILE COMPUTING	27	65	3
15JG1A1215	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	42	3
15JG1A1215	RT4105B	HADOOP AND BIG DATA	24	35	3
15JG1A1215	RT4112L	UML AND DESIGN PATTERNS LAB	24	44	2
15JG1A1215	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15JG1A1215	RT4112N	SOFTWARE ENGINEERING LAB	25	47	2
15JG1A1215	RT4112O	HADOOP AND BIGDATA LAB	23	46	2
15JG1A1216	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	9	14	0
15JG1A1216	RT41052	UML AND DESIGN PATTERNS	10	5	0
15JG1A1216	RT41053	MOBILE COMPUTING	11	8	0
15JG1A1216	RT41056	INFORMATION RETRIEVAL SYSTEMS	11	6	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1216	RT4105B	HADOOP AND BIG DATA	8	11	0
15JG1A1216	RT4112L	UML AND DESIGN PATTERNS LAB	12	22	2
15JG1A1216	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	27	2
15JG1A1216	RT4112N	SOFTWARE ENGINEERING LAB	19	43	2
15JG1A1216	RT4112O	HADOOP AND BIGDATA LAB	13	25	2
15JG1A1217	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	38	3
15JG1A1217	RT41052	UML AND DESIGN PATTERNS	23	41	3
15JG1A1217	RT41053	MOBILE COMPUTING	25	40	3
15JG1A1217	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	41	3
15JG1A1217	RT4105B	HADOOP AND BIG DATA	26	30	3
15JG1A1217	RT4112L	UML AND DESIGN PATTERNS LAB	25	50	2
15JG1A1217	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15JG1A1217	RT4112N	SOFTWARE ENGINEERING LAB	24	45	2
15JG1A1217	RT4112O	HADOOP AND BIGDATA LAB	24	46	2
15JG1A1218	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
15JG1A1218	RT41052	UML AND DESIGN PATTERNS	20	27	3
15JG1A1218	RT41053	MOBILE COMPUTING	22	44	3
15JG1A1218	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	24	3
15JG1A1218	RT4105B	HADOOP AND BIG DATA	18	36	3
15JG1A1218	RT4112L	UML AND DESIGN PATTERNS LAB	25	49	2
15JG1A1218	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15JG1A1218	RT4112N	SOFTWARE ENGINEERING LAB	23	41	2
15JG1A1218	RT4112O	HADOOP AND BIGDATA LAB	23	38	2
15JG1A1219	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	43	3
15JG1A1219	RT41052	UML AND DESIGN PATTERNS	23	37	3
15JG1A1219	RT41053	MOBILE COMPUTING	20	49	3
15JG1A1219	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	39	3
15JG1A1219	RT4105B	HADOOP AND BIG DATA	26	40	3
15JG1A1219	RT4112L	UML AND DESIGN PATTERNS LAB	18	32	2
15JG1A1219	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15JG1A1219	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
15JG1A1219	RT4112O	HADOOP AND BIGDATA LAB	20	44	2
15JG1A1220	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	30	3
15JG1A1220	RT41052	UML AND DESIGN PATTERNS	24	35	3
15JG1A1220	RT41053	MOBILE COMPUTING	24	33	3
15JG1A1220	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	29	3
15JG1A1220	RT4105B	HADOOP AND BIG DATA	22	33	3
15JG1A1220	RT4112L	UML AND DESIGN PATTERNS LAB	19	43	2
15JG1A1220	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15JG1A1220	RT4112N	SOFTWARE ENGINEERING LAB	22	46	2
15JG1A1220	RT4112O	HADOOP AND BIGDATA LAB	20	42	2
15JG1A1221	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	26	3
15JG1A1221	RT41052	UML AND DESIGN PATTERNS	27	39	3
15JG1A1221	RT41053	MOBILE COMPUTING	23	28	3
15JG1A1221	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	37	3
15JG1A1221	RT4105B	HADOOP AND BIG DATA	21	46	3
15JG1A1221	RT4112L	UML AND DESIGN PATTERNS LAB	22	44	2
15JG1A1221	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15JG1A1221	RT4112N	SOFTWARE ENGINEERING LAB	25	48	2
15JG1A1221	RT4112O	HADOOP AND BIGDATA LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1222	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	48	3
15JG1A1222	RT41052	UML AND DESIGN PATTERNS	26	36	3
15JG1A1222	RT41053	MOBILE COMPUTING	26	45	3
15JG1A1222	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	45	3
15JG1A1222	RT4105B	HADOOP AND BIG DATA	30	67	3
15JG1A1222	RT4112L	UML AND DESIGN PATTERNS LAB	25	48	2
15JG1A1222	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15JG1A1222	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A1222	RT4112O	HADOOP AND BIGDATA LAB	24	50	2
15JG1A1223	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	50	3
15JG1A1223	RT41052	UML AND DESIGN PATTERNS	23	41	3
15JG1A1223	RT41053	MOBILE COMPUTING	21	57	3
15JG1A1223	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	42	3
15JG1A1223	RT4105B	HADOOP AND BIG DATA	27	43	3
15JG1A1223	RT4112L	UML AND DESIGN PATTERNS LAB	20	42	2
15JG1A1223	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15JG1A1223	RT4112N	SOFTWARE ENGINEERING LAB	24	43	2
15JG1A1223	RT4112O	HADOOP AND BIGDATA LAB	21	36	2
15JG1A1224	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
15JG1A1224	RT41052	UML AND DESIGN PATTERNS	25	45	3
15JG1A1224	RT41053	MOBILE COMPUTING	26	32	3
15JG1A1224	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	51	3
15JG1A1224	RT4105B	HADOOP AND BIG DATA	29	50	3
15JG1A1224	RT4112L	UML AND DESIGN PATTERNS LAB	24	36	2
15JG1A1224	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15JG1A1224	RT4112N	SOFTWARE ENGINEERING LAB	22	47	2
15JG1A1224	RT4112O	HADOOP AND BIGDATA LAB	24	46	2
15JG1A1225	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	39	3
15JG1A1225	RT41052	UML AND DESIGN PATTERNS	22	38	3
15JG1A1225	RT41053	MOBILE COMPUTING	26	32	3
15JG1A1225	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	46	3
15JG1A1225	RT4105B	HADOOP AND BIG DATA	21	35	3
15JG1A1225	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15JG1A1225	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15JG1A1225	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
15JG1A1225	RT4112O	HADOOP AND BIGDATA LAB	23	45	2
15JG1A1227	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	37	3
15JG1A1227	RT41052	UML AND DESIGN PATTERNS	24	44	3
15JG1A1227	RT41053	MOBILE COMPUTING	20	42	3
15JG1A1227	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	46	3
15JG1A1227	RT4105B	HADOOP AND BIG DATA	22	69	3
15JG1A1227	RT4112L	UML AND DESIGN PATTERNS LAB	23	43	2
15JG1A1227	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15JG1A1227	RT4112N	SOFTWARE ENGINEERING LAB	22	48	2
15JG1A1227	RT4112O	HADOOP AND BIGDATA LAB	21	44	2
15JG1A1228	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	-1	0
15JG1A1228	RT41052	UML AND DESIGN PATTERNS	2	-1	0
15JG1A1228	RT41053	MOBILE COMPUTING	2	-1	0
15JG1A1228	RT41056	INFORMATION RETRIEVAL SYSTEMS	5	-1	0
15JG1A1228	RT4105B	HADOOP AND BIG DATA	2	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1228	RT4112L	UML AND DESIGN PATTERNS LAB	12	-1	0
15JG1A1228	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	-1	0
15JG1A1228	RT4112N	SOFTWARE ENGINEERING LAB	0	-1	0
15JG1A1228	RT4112O	HADOOP AND BIGDATA LAB	13	-1	0
15JG1A1229	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	34	3
15JG1A1229	RT41052	UML AND DESIGN PATTERNS	24	38	3
15JG1A1229	RT41053	MOBILE COMPUTING	24	32	3
15JG1A1229	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	39	3
15JG1A1229	RT4105B	HADOOP AND BIG DATA	21	41	3
15JG1A1229	RT4112L	UML AND DESIGN PATTERNS LAB	22	46	2
15JG1A1229	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	40	2
15JG1A1229	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
15JG1A1229	RT4112O	HADOOP AND BIGDATA LAB	24	45	2
15JG1A1230	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	5	0
15JG1A1230	RT41052	UML AND DESIGN PATTERNS	18	25	3
15JG1A1230	RT41053	MOBILE COMPUTING	13	28	3
15JG1A1230	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	24	3
15JG1A1230	RT4105B	HADOOP AND BIG DATA	21	10	0
15JG1A1230	RT4112L	UML AND DESIGN PATTERNS LAB	23	32	2
15JG1A1230	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	39	2
15JG1A1230	RT4112N	SOFTWARE ENGINEERING LAB	21	46	2
15JG1A1230	RT4112O	HADOOP AND BIGDATA LAB	21	39	2
15JG1A1231	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15JG1A1231	RT41052	UML AND DESIGN PATTERNS	22	33	3
15JG1A1231	RT41053	MOBILE COMPUTING	24	43	3
15JG1A1231	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	38	3
15JG1A1231	RT4105B	HADOOP AND BIG DATA	29	59	3
15JG1A1231	RT4112L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A1231	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15JG1A1231	RT4112N	SOFTWARE ENGINEERING LAB	24	46	2
15JG1A1231	RT4112O	HADOOP AND BIGDATA LAB	24	49	2
15JG1A1232	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	51	3
15JG1A1232	RT41052	UML AND DESIGN PATTERNS	25	34	3
15JG1A1232	RT41053	MOBILE COMPUTING	24	54	3
15JG1A1232	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	37	3
15JG1A1232	RT4105B	HADOOP AND BIG DATA	29	39	3
15JG1A1232	RT4112L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A1232	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	44	2
15JG1A1232	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A1232	RT4112O	HADOOP AND BIGDATA LAB	25	50	2
15JG1A1233	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	45	3
15JG1A1233	RT41052	UML AND DESIGN PATTERNS	26	46	3
15JG1A1233	RT41053	MOBILE COMPUTING	23	45	3
15JG1A1233	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	44	3
15JG1A1233	RT4105B	HADOOP AND BIG DATA	29	54	3
15JG1A1233	RT4112L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A1233	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15JG1A1233	RT4112N	SOFTWARE ENGINEERING LAB	25	50	2
15JG1A1233	RT4112O	HADOOP AND BIGDATA LAB	25	50	2
15JG1A1234	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	12	0

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1234	RT41052	UML AND DESIGN PATTERNS	14	26	3
15JG1A1234	RT41053	MOBILE COMPUTING	17	-1	0
15JG1A1234	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	27	3
15JG1A1234	RT4105B	HADOOP AND BIG DATA	15	36	3
15JG1A1234	RT4112L	UML AND DESIGN PATTERNS LAB	21	43	2
15JG1A1234	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	35	2
15JG1A1234	RT4112N	SOFTWARE ENGINEERING LAB	22	45	2
15JG1A1234	RT4112O	HADOOP AND BIGDATA LAB	19	35	2
15JG1A1235	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	40	3
15JG1A1235	RT41052	UML AND DESIGN PATTERNS	23	39	3
15JG1A1235	RT41053	MOBILE COMPUTING	21	43	3
15JG1A1235	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	32	3
15JG1A1235	RT4105B	HADOOP AND BIG DATA	21	53	3
15JG1A1235	RT4112L	UML AND DESIGN PATTERNS LAB	23	33	2
15JG1A1235	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15JG1A1235	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
15JG1A1235	RT4112O	HADOOP AND BIGDATA LAB	22	34	2
15JG1A1236	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	32	3
15JG1A1236	RT41052	UML AND DESIGN PATTERNS	20	28	3
15JG1A1236	RT41053	MOBILE COMPUTING	15	32	3
15JG1A1236	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	28	3
15JG1A1236	RT4105B	HADOOP AND BIG DATA	19	31	3
15JG1A1236	RT4112L	UML AND DESIGN PATTERNS LAB	22	42	2
15JG1A1236	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2
15JG1A1236	RT4112N	SOFTWARE ENGINEERING LAB	23	43	2
15JG1A1236	RT4112O	HADOOP AND BIGDATA LAB	19	36	2
15JG1A1237	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	31	3
15JG1A1237	RT41052	UML AND DESIGN PATTERNS	18	50	3
15JG1A1237	RT41053	MOBILE COMPUTING	25	40	3
15JG1A1237	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	36	3
15JG1A1237	RT4105B	HADOOP AND BIG DATA	22	41	3
15JG1A1237	RT4112L	UML AND DESIGN PATTERNS LAB	24	48	2
15JG1A1237	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15JG1A1237	RT4112N	SOFTWARE ENGINEERING LAB	24	46	2
15JG1A1237	RT4112O	HADOOP AND BIGDATA LAB	23	49	2
15JG1A1238	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	5	0
15JG1A1238	RT41052	UML AND DESIGN PATTERNS	21	31	3
15JG1A1238	RT41053	MOBILE COMPUTING	19	15	0
15JG1A1238	RT41056	INFORMATION RETRIEVAL SYSTEMS	15	31	3
15JG1A1238	RT4105B	HADOOP AND BIG DATA	16	40	3
15JG1A1238	RT4112L	UML AND DESIGN PATTERNS LAB	20	26	2
15JG1A1238	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	34	2
15JG1A1238	RT4112N	SOFTWARE ENGINEERING LAB	23	40	2
15JG1A1238	RT4112O	HADOOP AND BIGDATA LAB	17	26	2
15JG1A1239	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	29	3
15JG1A1239	RT41052	UML AND DESIGN PATTERNS	22	27	3
15JG1A1239	RT41053	MOBILE COMPUTING	19	32	3
15JG1A1239	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	28	3
15JG1A1239	RT4105B	HADOOP AND BIG DATA	24	58	3
15JG1A1239	RT4112L	UML AND DESIGN PATTERNS LAB	21	46	2

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1239	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	36	2
15JG1A1239	RT4112N	SOFTWARE ENGINEERING LAB	19	46	2
15JG1A1239	RT4112O	HADOOP AND BIGDATA LAB	19	39	2
15JG1A1240	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	16	0
15JG1A1240	RT41052	UML AND DESIGN PATTERNS	18	10	0
15JG1A1240	RT41053	MOBILE COMPUTING	10	10	0
15JG1A1240	RT41056	INFORMATION RETRIEVAL SYSTEMS	14	25	0
15JG1A1240	RT4105B	HADOOP AND BIG DATA	11	21	0
15JG1A1240	RT4112L	UML AND DESIGN PATTERNS LAB	18	22	2
15JG1A1240	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	15	33	2
15JG1A1240	RT4112N	SOFTWARE ENGINEERING LAB	19	43	2
15JG1A1240	RT4112O	HADOOP AND BIGDATA LAB	13	29	2
15JG1A1241	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
15JG1A1241	RT41052	UML AND DESIGN PATTERNS	19	52	3
15JG1A1241	RT41053	MOBILE COMPUTING	19	31	3
15JG1A1241	RT41056	INFORMATION RETRIEVAL SYSTEMS	17	30	3
15JG1A1241	RT4105B	HADOOP AND BIG DATA	23	38	3
15JG1A1241	RT4112L	UML AND DESIGN PATTERNS LAB	21	45	2
15JG1A1241	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15JG1A1241	RT4112N	SOFTWARE ENGINEERING LAB	23	44	2
15JG1A1241	RT4112O	HADOOP AND BIGDATA LAB	24	44	2
15JG1A1242	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	9	0
15JG1A1242	RT41052	UML AND DESIGN PATTERNS	16	26	3
15JG1A1242	RT41053	MOBILE COMPUTING	18	0	0
15JG1A1242	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	24	3
15JG1A1242	RT4105B	HADOOP AND BIG DATA	8	32	3
15JG1A1242	RT4112L	UML AND DESIGN PATTERNS LAB	21	45	2
15JG1A1242	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	36	2
15JG1A1242	RT4112N	SOFTWARE ENGINEERING LAB	23	43	2
15JG1A1242	RT4112O	HADOOP AND BIGDATA LAB	17	33	2
15JG1A1243	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	29	3
15JG1A1243	RT41052	UML AND DESIGN PATTERNS	19	29	3
15JG1A1243	RT41053	MOBILE COMPUTING	20	43	3
15JG1A1243	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	32	3
15JG1A1243	RT4105B	HADOOP AND BIG DATA	19	33	3
15JG1A1243	RT4112L	UML AND DESIGN PATTERNS LAB	20	30	2
15JG1A1243	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	35	2
15JG1A1243	RT4112N	SOFTWARE ENGINEERING LAB	22	39	2
15JG1A1243	RT4112O	HADOOP AND BIGDATA LAB	19	40	2
15JG1A1244	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	54	3
15JG1A1244	RT41052	UML AND DESIGN PATTERNS	11	29	3
15JG1A1244	RT41053	MOBILE COMPUTING	12	43	3
15JG1A1244	RT41056	INFORMATION RETRIEVAL SYSTEMS	14	31	3
15JG1A1244	RT4105B	HADOOP AND BIG DATA	26	33	3
15JG1A1244	RT4112L	UML AND DESIGN PATTERNS LAB	24	47	2
15JG1A1244	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	39	2
15JG1A1244	RT4112N	SOFTWARE ENGINEERING LAB	22	37	2
15JG1A1244	RT4112O	HADOOP AND BIGDATA LAB	25	50	2
15JG1A1245	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	24	3
15JG1A1245	RT41052	UML AND DESIGN PATTERNS	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
15JG1A1245	RT41053	MOBILE COMPUTING	17	9	0
15JG1A1245	RT41056	INFORMATION RETRIEVAL SYSTEMS	17	29	3
15JG1A1245	RT4105B	HADOOP AND BIG DATA	14	27	3
15JG1A1245	RT4112L	UML AND DESIGN PATTERNS LAB	18	30	2
15JG1A1245	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15JG1A1245	RT4112N	SOFTWARE ENGINEERING LAB	22	34	2
15JG1A1245	RT4112O	HADOOP AND BIGDATA LAB	18	35	2
15JG5A0414	RT41043	DIGITAL IMAGE PROCESSING	18	8	0
15JG5A0418	RT41043	DIGITAL IMAGE PROCESSING	19	-1	0
15JG5A0418	RT4104A	OPTICAL COMMUNICATION	10	-1	0
16JG5A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	40	3
16JG5A0201	RT41022	HVAC AND DC TRANSMISSION	23	43	3
16JG5A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	34	3
16JG5A0201	RT41025	INSTRUMENTATION	24	41	3
16JG5A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	65	3
16JG5A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	41	2
16JG5A0201	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
16JG5A0201	RT4102N	POWER SYSTEMS LAB	24	43	2
16JG5A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	14	33	3
16JG5A0202	RT41022	HVAC AND DC TRANSMISSION	20	32	3
16JG5A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	58	3
16JG5A0202	RT41025	INSTRUMENTATION	16	58	3
16JG5A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	42	3
16JG5A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	27	2
16JG5A0202	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
16JG5A0202	RT4102N	POWER SYSTEMS LAB	20	36	2
16JG5A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	43	3
16JG5A0203	RT41022	HVAC AND DC TRANSMISSION	19	26	3
16JG5A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	14	28	3
16JG5A0203	RT41025	INSTRUMENTATION	19	42	3
16JG5A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	43	3
16JG5A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	27	2
16JG5A0203	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
16JG5A0203	RT4102N	POWER SYSTEMS LAB	20	41	2
16JG5A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	11	29	3
16JG5A0204	RT41022	HVAC AND DC TRANSMISSION	14	34	3
16JG5A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	10	4	0
16JG5A0204	RT41025	INSTRUMENTATION	12	28	3
16JG5A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	14	29	3
16JG5A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	27	2
16JG5A0204	RT4102M	ELECTRICAL SIMULATION LAB	19	32	2
16JG5A0204	RT4102N	POWER SYSTEMS LAB	21	38	2
16JG5A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	13	10	0
16JG5A0205	RT41022	HVAC AND DC TRANSMISSION	24	32	3
16JG5A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	24	3
16JG5A0205	RT41025	INSTRUMENTATION	2	7	0
16JG5A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	37	3
16JG5A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	25	2
16JG5A0205	RT4102M	ELECTRICAL SIMULATION LAB	17	41	2
16JG5A0205	RT4102N	POWER SYSTEMS LAB	18	46	2



Htno	Subcode	Subname	Internal	External	Credits
16JG5A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	39	3
16JG5A0206	RT41022	HVAC AND DC TRANSMISSION	19	35	3
16JG5A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	35	3
16JG5A0206	RT41025	INSTRUMENTATION	16	41	3
16JG5A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	34	3
16JG5A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	38	2
16JG5A0206	RT4102M	ELECTRICAL SIMULATION LAB	13	42	2
16JG5A0206	RT4102N	POWER SYSTEMS LAB	23	47	2
16JG5A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	10	26	0
16JG5A0207	RT41022	HVAC AND DC TRANSMISSION	13	2	0
16JG5A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	10	4	0
16JG5A0207	RT41025	INSTRUMENTATION	5	17	0
16JG5A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	12	21	0
16JG5A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	27	2
16JG5A0207	RT4102M	ELECTRICAL SIMULATION LAB	18	30	2
16JG5A0207	RT4102N	POWER SYSTEMS LAB	18	42	2
16JG5A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	35	3
16JG5A0208	RT41022	HVAC AND DC TRANSMISSION	17	54	3
16JG5A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	34	3
16JG5A0208	RT41025	INSTRUMENTATION	14	44	3
16JG5A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	51	3
16JG5A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	34	2
16JG5A0208	RT4102M	ELECTRICAL SIMULATION LAB	24	36	2
16JG5A0208	RT4102N	POWER SYSTEMS LAB	21	46	2
16JG5A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	33	3
16JG5A0209	RT41022	HVAC AND DC TRANSMISSION	20	36	3
16JG5A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	24	3
16JG5A0209	RT41025	INSTRUMENTATION	14	36	3
16JG5A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	39	3
16JG5A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	35	2
16JG5A0209	RT4102M	ELECTRICAL SIMULATION LAB	22	39	2
16JG5A0209	RT4102N	POWER SYSTEMS LAB	21	46	2
16JG5A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	31	3
16JG5A0210	RT41022	HVAC AND DC TRANSMISSION	24	28	3
16JG5A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	46	3
16JG5A0210	RT41025	INSTRUMENTATION	20	49	3
16JG5A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	45	3
16JG5A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	36	2
16JG5A0210	RT4102M	ELECTRICAL SIMULATION LAB	23	39	2
16JG5A0210	RT4102N	POWER SYSTEMS LAB	23	44	2
16JG5A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	28	3
16JG5A0211	RT41022	HVAC AND DC TRANSMISSION	20	3	0
16JG5A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	15	19	0
16JG5A0211	RT41025	INSTRUMENTATION	15	25	3
16JG5A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	14	36	3
16JG5A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
16JG5A0211	RT4102M	ELECTRICAL SIMULATION LAB	19	37	2
16JG5A0211	RT4102N	POWER SYSTEMS LAB	21	42	2
16JG5A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	36	3
16JG5A0212	RT41022	HVAC AND DC TRANSMISSION	22	51	3

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	29	3
16JG5A0212	RT41025	INSTRUMENTATION	23	39	3
16JG5A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	51	3
16JG5A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16JG5A0212	RT4102M	ELECTRICAL SIMULATION LAB	24	45	2
16JG5A0212	RT4102N	POWER SYSTEMS LAB	24	47	2
16JG5A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	13	14	0
16JG5A0213	RT41022	HVAC AND DC TRANSMISSION	13	13	0
16JG5A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	13	17	0
16JG5A0213	RT41025	INSTRUMENTATION	15	29	3
16JG5A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	14	20	0
16JG5A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	27	2
16JG5A0213	RT4102M	ELECTRICAL SIMULATION LAB	18	30	2
16JG5A0213	RT4102N	POWER SYSTEMS LAB	22	46	2
16JG5A0401	RT41041	VLSI DESIGN	20	26	3
16JG5A0401	RT41042	COMPUTER NETWORKS	14	17	0
16JG5A0401	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
16JG5A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	24	3
16JG5A0401	RT41048	RADAR SYSTEMS	16	31	3
16JG5A0401	RT4104A	OPTICAL COMMUNICATION	16	14	0
16JG5A0401	RT4104L	V L S I LAB	24	46	2
16JG5A0401	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
16JG5A0402	RT41041	VLSI DESIGN	20	46	3
16JG5A0402	RT41042	COMPUTER NETWORKS	20	32	3
16JG5A0402	RT41043	DIGITAL IMAGE PROCESSING	11	13	0
16JG5A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	27	3
16JG5A0402	RT41048	RADAR SYSTEMS	23	26	3
16JG5A0402	RT4104A	OPTICAL COMMUNICATION	20	31	3
16JG5A0402	RT4104L	V L S I LAB	20	35	2
16JG5A0402	RT4104M	MICROWAVE ENGINEERING LAB	17	30	2
16JG5A0404	RT41041	VLSI DESIGN	19	41	3
16JG5A0404	RT41042	COMPUTER NETWORKS	20	27	3
16JG5A0404	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
16JG5A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	45	3
16JG5A0404	RT41048	RADAR SYSTEMS	21	25	3
16JG5A0404	RT4104A	OPTICAL COMMUNICATION	19	12	0
16JG5A0404	RT4104L	V L S I LAB	23	43	2
16JG5A0404	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
16JG5A0405	RT41041	VLSI DESIGN	17	38	3
16JG5A0405	RT41042	COMPUTER NETWORKS	18	31	3
16JG5A0405	RT41043	DIGITAL IMAGE PROCESSING	13	33	3
16JG5A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	37	3
16JG5A0405	RT41048	RADAR SYSTEMS	18	37	3
16JG5A0405	RT4104A	OPTICAL COMMUNICATION	16	38	3
16JG5A0405	RT4104L	V L S I LAB	22	46	2
16JG5A0405	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
16JG5A0406	RT41041	VLSI DESIGN	20	30	3
16JG5A0406	RT41042	COMPUTER NETWORKS	20	48	3
16JG5A0406	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
16JG5A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	42	3

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0406	RT41048	RADAR SYSTEMS	26	47	3
16JG5A0406	RT4104A	OPTICAL COMMUNICATION	25	32	3
16JG5A0406	RT4104L	V L S I LAB	22	47	2
16JG5A0406	RT4104M	MICROWAVE ENGINEERING LAB	20	42	2
16JG5A0407	RT41041	VLSI DESIGN	18	51	3
16JG5A0407	RT41042	COMPUTER NETWORKS	17	38	3
16JG5A0407	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
16JG5A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
16JG5A0407	RT41048	RADAR SYSTEMS	24	36	3
16JG5A0407	RT4104A	OPTICAL COMMUNICATION	20	33	3
16JG5A0407	RT4104L	V L S I LAB	22	38	2
16JG5A0407	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
16JG5A0409	RT41041	VLSI DESIGN	18	32	3
16JG5A0409	RT41042	COMPUTER NETWORKS	21	33	3
16JG5A0409	RT41043	DIGITAL IMAGE PROCESSING	18	30	3
16JG5A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	41	3
16JG5A0409	RT41048	RADAR SYSTEMS	23	41	3
16JG5A0409	RT4104A	OPTICAL COMMUNICATION	17	29	3
16JG5A0409	RT4104L	V L S I LAB	21	34	2
16JG5A0409	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
16JG5A0410	RT41041	VLSI DESIGN	18	31	3
16JG5A0410	RT41042	COMPUTER NETWORKS	19	30	3
16JG5A0410	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
16JG5A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3
16JG5A0410	RT41048	RADAR SYSTEMS	26	32	3
16JG5A0410	RT4104A	OPTICAL COMMUNICATION	18	36	3
16JG5A0410	RT4104L	V L S I LAB	21	45	2
16JG5A0410	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
16JG5A0411	RT41041	VLSI DESIGN	10	30	3
16JG5A0411	RT41042	COMPUTER NETWORKS	16	40	3
16JG5A0411	RT41043	DIGITAL IMAGE PROCESSING	11	29	3
16JG5A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	13	0
16JG5A0411	RT41048	RADAR SYSTEMS	16	39	3
16JG5A0411	RT4104A	OPTICAL COMMUNICATION	12	28	3
16JG5A0411	RT4104L	V L S I LAB	24	44	2
16JG5A0411	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
16JG5A0412	RT41041	VLSI DESIGN	16	55	3
16JG5A0412	RT41042	COMPUTER NETWORKS	18	41	3
16JG5A0412	RT41043	DIGITAL IMAGE PROCESSING	22	36	3
16JG5A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	38	3
16JG5A0412	RT41048	RADAR SYSTEMS	23	27	3
16JG5A0412	RT4104A	OPTICAL COMMUNICATION	15	33	3
16JG5A0412	RT4104L	V L S I LAB	24	44	2
16JG5A0412	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
16JG5A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
16JG5A0501	RT41052	UML AND DESIGN PATTERNS	25	51	3
16JG5A0501	RT41053	MOBILE COMPUTING	28	36	3
16JG5A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	26	39	3
16JG5A0501	RT4105B	HADOOP AND BIG DATA	26	58	3
16JG5A0501	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
16JG5A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	50	2
16JG5A0501	RT4105N	SOFTWARE TESTING LAB	25	50	2
16JG5A0501	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
16JG5A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	25	3
16JG5A0502	RT41052	UML AND DESIGN PATTERNS	16	35	3
16JG5A0502	RT41053	MOBILE COMPUTING	20	43	3
16JG5A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	17	43	3
16JG5A0502	RT4105B	HADOOP AND BIG DATA	21	35	3
16JG5A0502	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
16JG5A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	35	2
16JG5A0502	RT4105N	SOFTWARE TESTING LAB	23	45	2
16JG5A0502	RT4105O	HADOOP AND BIGDATA LAB	20	37	2
16JG5A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	41	3
16JG5A0503	RT41052	UML AND DESIGN PATTERNS	18	42	3
16JG5A0503	RT41053	MOBILE COMPUTING	23	28	3
16JG5A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	19	24	3
16JG5A0503	RT4105B	HADOOP AND BIG DATA	19	32	3
16JG5A0503	RT4105L	UML AND DESIGN PATTERNS LAB	19	36	2
16JG5A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
16JG5A0503	RT4105N	SOFTWARE TESTING LAB	24	44	2
16JG5A0503	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
16JG5A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
16JG5A0504	RT41052	UML AND DESIGN PATTERNS	15	31	3
16JG5A0504	RT41053	MOBILE COMPUTING	20	24	3
16JG5A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	19	27	3
16JG5A0504	RT4105B	HADOOP AND BIG DATA	20	36	3
16JG5A0504	RT4105L	UML AND DESIGN PATTERNS LAB	21	43	2
16JG5A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	21	2
16JG5A0504	RT4105N	SOFTWARE TESTING LAB	24	45	2
16JG5A0504	RT4105O	HADOOP AND BIGDATA LAB	20	24	2
16JG5A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	37	3
16JG5A0505	RT41052	UML AND DESIGN PATTERNS	26	42	3
16JG5A0505	RT41053	MOBILE COMPUTING	27	43	3
16JG5A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	25	31	3
16JG5A0505	RT4105B	HADOOP AND BIG DATA	28	58	3
16JG5A0505	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
16JG5A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
16JG5A0505	RT4105N	SOFTWARE TESTING LAB	25	49	2
16JG5A0505	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
16JG5A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
16JG5A0506	RT41052	UML AND DESIGN PATTERNS	21	40	3
16JG5A0506	RT41053	MOBILE COMPUTING	23	47	3
16JG5A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	26	48	3
16JG5A0506	RT4105B	HADOOP AND BIG DATA	24	42	3
16JG5A0506	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
16JG5A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
16JG5A0506	RT4105N	SOFTWARE TESTING LAB	23	47	2
16JG5A0506	RT4105O	HADOOP AND BIGDATA LAB	21	36	2

\*\*NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 12-12-2018]

**\*\*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:03-12-2018

*N. Mohan Rao*  
Controller of Examinations