



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VASAVI,TADEPALLIGUDEM:A8

Htno	Subcode	Subname	Internal	External	Credits
11A81A0299	R41023	SWITCH GEAR & PROTECTION	16	10	0
11A81A1240	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	0	0
11A81A1240	R41053	DATA WARE HOUSING AND DATA MINING	13	6	0
11A81A1240	R41054	MOBILE COMPUTING	17	0	0
11A81A1240	R41057	OPEN SOURCE SOFTWARE	22	11	0
11A81A1240	R41121	DESIGN PATTERNS	10	0	0
11A81A1240	R41126	INFORMATION RETRIEVAL SYSTEMS	20	-1	0
12A81A0151	R41018	AIR POLLUTION AND CONTROL	9	35	4
12A81A0240	R41024	POWER SYSTEM OPERATION & CONTROL	17	16	0
13A81A0247	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	-1	0
13A81A0247	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	-1	0
13A81A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	11	28	0
13A81A0327	RT41032	CAD / CAM	18	12	0
13A81A0327	RT41033	FINITE ELEMENT METHODS	21	13	0
13A81A0327	RT41035	MEMS	18	21	0
13A81A0334	RT41033	FINITE ELEMENT METHODS	21	0	0
13A81A0392	RT41032	CAD / CAM	15	7	0
13A81A03A4	RT41032	CAD / CAM	17	42	3
13A81A0495	RT41042	COMPUTER NETWORKS	22	29	3
13A81A0495	RT41043	DIGITAL IMAGE PROCESSING	15	16	0
13A81A0495	RT41048	RADAR SYSTEMS	15	31	3
13A81A04G2	RT41043	DIGITAL IMAGE PROCESSING	8	21	0
13A81A0520	RT41053	MOBILE COMPUTING	7	29	0
13A81A05E5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	-1	0
13A81A05E8	RT41053	MOBILE COMPUTING	16	4	0
13A85A0101	R41011	GEOTECHNICAL ENGINEERING_II	20	30	4
13A85A0101	R41012	DESIGN & DRAWING OF IRRIGATION STRUCTURES	21	7	0
13A85A0101	R41013	ENVIRONMENTAL ENGINEERING	15	34	4
13A85A0101	R41018	AIR POLLUTION AND CONTROL	9	33	4
14A81A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	7	27	0
14A81A0107	RT41014	WATER RESOURCES ENGINEERING - II	17	21	0
14A81A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	8	25	0
14A81A0111	RT41012	PRESTRESSED CONCRETE	12	12	0
14A81A0111	RT41014	WATER RESOURCES ENGINEERING - II	15	39	3
14A81A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	5	41	3
14A81A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	8	29	2
14A81A0118	RT41012	PRESTRESSED CONCRETE	16	35	3
14A81A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	31	3
14A81A0118	RT41014	WATER RESOURCES ENGINEERING - II	14	29	3
14A81A0130	RT41014	WATER RESOURCES ENGINEERING - II	14	25	0
14A81A0145	RT41012	PRESTRESSED CONCRETE	16	26	3
14A81A0145	RT41014	WATER RESOURCES ENGINEERING - II	15	13	0
14A81A0145	RT41016	GROUND IMPROVEMENT TECHNIQUES	5	35	3
14A81A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	10	32	3

Htno	Subcode	Subname	Internal	External	Credits
14A81A0306	RT41032	CAD / CAM	22	-1	0
14A81A0306	RT41033	FINITE ELEMENT METHODS	23	19	0
14A81A0313	RT41035	MEMS	19	39	3
14A81A0314	RT41031	AUTOMOBILE ENGINEERING	11	30	3
14A81A0314	RT41032	CAD / CAM	15	6	0
14A81A0314	RT41033	FINITE ELEMENT METHODS	15	0	0
14A81A0319	RT41035	MEMS	19	37	3
14A81A0323	RT41033	FINITE ELEMENT METHODS	16	14	0
14A81A0324	RT41035	MEMS	18	45	3
14A81A0334	RT41031	AUTOMOBILE ENGINEERING	29	55	3
14A81A0334	RT41032	CAD / CAM	27	52	3
14A81A0334	RT41033	FINITE ELEMENT METHODS	21	25	3
14A81A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	44	3
14A81A0334	RT41035	MEMS	29	48	3
14A81A0334	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	53	3
14A81A0334	RT4103L	SIMULATION LAB	25	48	2
14A81A0334	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
14A81A0337	RT41031	AUTOMOBILE ENGINEERING	12	16	0
14A81A0337	RT41032	CAD / CAM	19	12	0
14A81A0338	RT41032	CAD / CAM	12	27	0
14A81A0338	RT41033	FINITE ELEMENT METHODS	19	13	0
14A81A0357	RT41031	AUTOMOBILE ENGINEERING	22	30	3
14A81A0357	RT41032	CAD / CAM	18	35	3
14A81A0357	RT41033	FINITE ELEMENT METHODS	11	20	0
14A81A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	27	3
14A81A0357	RT41035	MEMS	13	17	0
14A81A0357	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	-1	0
14A81A0357	RT4103L	SIMULATION LAB	19	38	2
14A81A0357	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
14A81A0366	RT41031	AUTOMOBILE ENGINEERING	20	12	0
14A81A0366	RT41032	CAD / CAM	16	27	3
14A81A0366	RT41033	FINITE ELEMENT METHODS	12	0	0
14A81A0366	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	0	0
14A81A0366	RT41035	MEMS	11	2	0
14A81A0366	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	18	27	3
14A81A0366	RT4103L	SIMULATION LAB	19	37	2
14A81A0366	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
14A81A0386	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14A81A0386	RT41032	CAD / CAM	18	24	3
14A81A0386	RT41033	FINITE ELEMENT METHODS	18	6	0
14A81A0386	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	18	0
14A81A0386	RT41035	MEMS	17	28	3
14A81A0386	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	30	3
14A81A0386	RT4103L	SIMULATION LAB	22	40	2
14A81A0386	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
14A81A0387	RT41031	AUTOMOBILE ENGINEERING	4	10	0
14A81A0387	RT41032	CAD / CAM	19	14	0
14A81A0387	RT41033	FINITE ELEMENT METHODS	10	7	0
14A81A0387	RT41034	UNCONVENTIONAL MACHINING PROCESSES	13	-1	0
14A81A0387	RT41035	MEMS	10	0	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0387	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	5	0	0
14A81A0387	RT4103L	SIMULATION LAB	19	38	2
14A81A0387	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
14A81A0391	RT41032	CAD / CAM	15	-1	0
14A81A0391	RT41035	MEMS	22	-1	0
14A81A0393	RT41035	MEMS	21	10	0
14A81A0396	RT41031	AUTOMOBILE ENGINEERING	24	26	3
14A81A0396	RT41032	CAD / CAM	11	29	3
14A81A0396	RT41033	FINITE ELEMENT METHODS	16	24	3
14A81A0396	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	25	3
14A81A0396	RT41035	MEMS	18	42	3
14A81A0396	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	36	3
14A81A0396	RT4103L	SIMULATION LAB	12	43	2
14A81A0396	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
14A81A0403	RT41041	VLSI DESIGN	13	20	0
14A81A0403	RT41043	DIGITAL IMAGE PROCESSING	20	25	3
14A81A0404	RT41043	DIGITAL IMAGE PROCESSING	23	25	3
14A81A0443	RT41041	VLSI DESIGN	16	28	3
14A81A0443	RT41043	DIGITAL IMAGE PROCESSING	18	33	3
14A81A0443	RT41048	RADAR SYSTEMS	16	33	3
14A81A0443	RT4104A	OPTICAL COMMUNICATION	18	5	0
14A81A0446	RT4104A	OPTICAL COMMUNICATION	14	28	3
14A81A0475	RT41043	DIGITAL IMAGE PROCESSING	17	11	0
14A81A0477	RT41043	DIGITAL IMAGE PROCESSING	20	19	0
14A81A0477	RT4104A	OPTICAL COMMUNICATION	11	-1	0
14A81A0491	RT41043	DIGITAL IMAGE PROCESSING	19	15	0
14A81A0494	RT41043	DIGITAL IMAGE PROCESSING	21	0	0
14A81A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	30	3
14A81A0494	RT41048	RADAR SYSTEMS	20	-1	0
14A81A0494	RT4104A	OPTICAL COMMUNICATION	12	19	0
14A81A04B4	RT41043	DIGITAL IMAGE PROCESSING	21	5	0
14A81A04B4	RT4104A	OPTICAL COMMUNICATION	15	31	3
14A81A04D3	RT41041	VLSI DESIGN	12	38	3
14A81A04E5	RT41043	DIGITAL IMAGE PROCESSING	21	28	3
14A81A04F2	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
14A81A04F5	RT41048	RADAR SYSTEMS	15	29	3
14A81A04F9	RT41041	VLSI DESIGN	17	24	3
14A81A04F9	RT41042	COMPUTER NETWORKS	24	24	3
14A81A04F9	RT41043	DIGITAL IMAGE PROCESSING	19	31	3
14A81A04F9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	32	3
14A81A04F9	RT41048	RADAR SYSTEMS	17	24	3
14A81A04F9	RT4104A	OPTICAL COMMUNICATION	12	28	3
14A81A04F9	RT4104L	V L S I LAB	18	39	2
14A81A04F9	RT4104M	MICROWAVE ENGINEERING LAB	18	40	2
14A81A04G0	RT41043	DIGITAL IMAGE PROCESSING	13	20	0
14A81A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	0	0
14A81A0505	RT41052	UML AND DESIGN PATTERNS	15	-1	0
14A81A0505	RT41053	MOBILE COMPUTING	17	-1	0
14A81A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	17	-1	0
14A81A0505	RT4105B	HADOOP AND BIG DATA	11	-1	0

Htno	Subcode	Subname	Internal	External	Credits
14A81A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	25	3
14A81A0543	RT41052	UML AND DESIGN PATTERNS	19	17	0
14A81A0543	RT41053	MOBILE COMPUTING	18	4	0
14A81A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	20	17	0
14A81A0543	RT4105B	HADOOP AND BIG DATA	14	24	0
14A81A0543	RT4105L	UML AND DESIGN PATTERNS LAB	23	32	2
14A81A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	29	2
14A81A0543	RT4105N	SOFTWARE TESTING LAB	22	40	2
14A81A0543	RT4105O	HADOOP AND BIGDATA LAB	17	20	2
14A81A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	6	0
14A81A0548	RT41052	UML AND DESIGN PATTERNS	13	25	0
14A81A0548	RT41053	MOBILE COMPUTING	9	0	0
14A81A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	12	17	0
14A81A0548	RT4105B	HADOOP AND BIG DATA	12	12	0
14A81A0548	RT4105L	UML AND DESIGN PATTERNS LAB	23	34	2
14A81A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	28	2
14A81A0548	RT4105N	SOFTWARE TESTING LAB	21	40	2
14A81A0548	RT4105O	HADOOP AND BIGDATA LAB	17	22	2
14A81A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	16	0
14A81A0549	RT41052	UML AND DESIGN PATTERNS	20	36	3
14A81A0549	RT41053	MOBILE COMPUTING	21	34	3
14A81A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	25	45	3
14A81A0549	RT4105B	HADOOP AND BIG DATA	18	35	3
14A81A0549	RT4105L	UML AND DESIGN PATTERNS LAB	24	41	2
14A81A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	36	2
14A81A0549	RT4105N	SOFTWARE TESTING LAB	23	42	2
14A81A0549	RT4105O	HADOOP AND BIGDATA LAB	21	37	2
14A81A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	10	0
14A81A0564	RT41052	UML AND DESIGN PATTERNS	20	24	3
14A81A0564	RT41053	MOBILE COMPUTING	18	24	3
14A81A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	16	28	3
14A81A0564	RT4105B	HADOOP AND BIG DATA	15	28	3
14A81A0564	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
14A81A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	29	2
14A81A0564	RT4105N	SOFTWARE TESTING LAB	21	41	2
14A81A0564	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
14A81A0574	RT41053	MOBILE COMPUTING	19	19	0
14A81A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	22	24	3
14A81A05B3	RT41053	MOBILE COMPUTING	25	29	3
14A81A05D4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	39	3
14A81A05D4	RT41052	UML AND DESIGN PATTERNS	24	31	3
14A81A05D4	RT41053	MOBILE COMPUTING	26	38	3
14A81A05D4	RT41054	SOFTWARE TESTING METHODOLOGIES	25	41	3
14A81A05D4	RT4105B	HADOOP AND BIG DATA	17	39	3
14A81A05D4	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14A81A05D4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14A81A05D4	RT4105N	SOFTWARE TESTING LAB	25	47	2
14A81A05D4	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
14A81A05D6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	34	3
14A81A05D6	RT41052	UML AND DESIGN PATTERNS	16	30	3

Htno	Subcode	Subname	Internal	External	Credits
14A81A05D6	RT41053	MOBILE COMPUTING	15	3	0
14A81A05D6	RT41054	SOFTWARE TESTING METHODOLOGIES	18	27	3
14A81A05D6	RT4105B	HADOOP AND BIG DATA	18	35	3
14A81A05D6	RT4105L	UML AND DESIGN PATTERNS LAB	23	33	2
14A81A05D6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	39	2
14A81A05D6	RT4105N	SOFTWARE TESTING LAB	22	45	2
14A81A05D6	RT4105O	HADOOP AND BIGDATA LAB	17	32	2
14A81A05F7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	9	0
14A81A05F7	RT41052	UML AND DESIGN PATTERNS	21	40	3
14A81A05F7	RT41053	MOBILE COMPUTING	17	47	3
14A81A05F7	RT41054	SOFTWARE TESTING METHODOLOGIES	18	50	3
14A81A05F7	RT4105B	HADOOP AND BIG DATA	16	6	0
14A81A05F7	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
14A81A05F7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	31	2
14A81A05F7	RT4105N	SOFTWARE TESTING LAB	21	42	2
14A81A05F7	RT4105O	HADOOP AND BIGDATA LAB	20	20	2
14A81A05F8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	27	3
14A81A05F8	RT41052	UML AND DESIGN PATTERNS	21	33	3
14A81A05F8	RT41053	MOBILE COMPUTING	18	25	3
14A81A05F8	RT41054	SOFTWARE TESTING METHODOLOGIES	11	29	3
14A81A05F8	RT4105B	HADOOP AND BIG DATA	18	14	0
14A81A05F8	RT4105L	UML AND DESIGN PATTERNS LAB	23	38	2
14A81A05F8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	35	2
14A81A05F8	RT4105N	SOFTWARE TESTING LAB	20	40	2
14A81A05F8	RT4105O	HADOOP AND BIGDATA LAB	19	29	2
14A85A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	29	3
14A85A0413	RT41043	DIGITAL IMAGE PROCESSING	15	19	0
14A85A0436	RT41041	VLSI DESIGN	13	-1	0
14A85A0436	RT41043	DIGITAL IMAGE PROCESSING	13	-1	0
14A85A0505	RT41053	MOBILE COMPUTING	12	30	3
153C1A0140	RT41011	ENVIRONMENTAL ENGINEERING- II	18	55	3
153C1A0140	RT41012	PRESTRESSED CONCRETE	25	51	3
153C1A0140	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	49	3
153C1A0140	RT41014	WATER RESOURCES ENGINEERING - II	17	42	3
153C1A0140	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	35	3
153C1A0140	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	32	3
153C1A0140	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
153C1A0140	RT4101M	GIS AND CAD LAB	25	47	2
15A81A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	27	39	3
15A81A0101	RT41012	PRESTRESSED CONCRETE	24	43	3
15A81A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	42	3
15A81A0101	RT41014	WATER RESOURCES ENGINEERING - II	19	57	3
15A81A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	57	3
15A81A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	41	3
15A81A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	41	2
15A81A0101	RT4101M	GIS AND CAD LAB	23	49	2
15A81A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	20	32	3
15A81A0102	RT41012	PRESTRESSED CONCRETE	17	16	0
15A81A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	28	3
15A81A0102	RT41014	WATER RESOURCES ENGINEERING - II	18	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	39	3
15A81A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	48	3
15A81A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	42	2
15A81A0102	RT4101M	GIS AND CAD LAB	22	42	2
15A81A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	17	24	3
15A81A0103	RT41012	PRESTRESSED CONCRETE	20	40	3
15A81A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	48	3
15A81A0103	RT41014	WATER RESOURCES ENGINEERING - II	17	24	3
15A81A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	41	3
15A81A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	60	3
15A81A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	45	2
15A81A0103	RT4101M	GIS AND CAD LAB	21	40	2
15A81A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	21	47	3
15A81A0104	RT41012	PRESTRESSED CONCRETE	15	47	3
15A81A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	47	3
15A81A0104	RT41014	WATER RESOURCES ENGINEERING - II	20	39	3
15A81A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	35	3
15A81A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	29	3
15A81A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	42	2
15A81A0104	RT4101M	GIS AND CAD LAB	22	44	2
15A81A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	25	39	3
15A81A0105	RT41012	PRESTRESSED CONCRETE	24	52	3
15A81A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	46	3
15A81A0105	RT41014	WATER RESOURCES ENGINEERING - II	20	58	3
15A81A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	53	3
15A81A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	43	3
15A81A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	39	2
15A81A0105	RT4101M	GIS AND CAD LAB	21	43	2
15A81A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	24	48	3
15A81A0106	RT41012	PRESTRESSED CONCRETE	20	26	3
15A81A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	35	3
15A81A0106	RT41014	WATER RESOURCES ENGINEERING - II	22	44	3
15A81A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	49	3
15A81A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	41	3
15A81A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	39	2
15A81A0106	RT4101M	GIS AND CAD LAB	22	46	2
15A81A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	27	25	3
15A81A0107	RT41012	PRESTRESSED CONCRETE	27	54	3
15A81A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	39	3
15A81A0107	RT41014	WATER RESOURCES ENGINEERING - II	27	24	3
15A81A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	49	3
15A81A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	56	3
15A81A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	40	2
15A81A0107	RT4101M	GIS AND CAD LAB	23	43	2
15A81A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	15	15	0
15A81A0108	RT41012	PRESTRESSED CONCRETE	23	33	3
15A81A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	46	3
15A81A0108	RT41014	WATER RESOURCES ENGINEERING - II	11	48	3
15A81A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	48	3
15A81A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	26	2
15A81A0108	RT4101M	GIS AND CAD LAB	21	40	2
15A81A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	22	33	3
15A81A0109	RT41012	PRESTRESSED CONCRETE	17	33	3
15A81A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	39	3
15A81A0109	RT41014	WATER RESOURCES ENGINEERING - II	22	28	3
15A81A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	49	3
15A81A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	39	3
15A81A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	36	2
15A81A0109	RT4101M	GIS AND CAD LAB	19	41	2
15A81A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	18	39	3
15A81A0110	RT41012	PRESTRESSED CONCRETE	18	28	3
15A81A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	36	3
15A81A0110	RT41014	WATER RESOURCES ENGINEERING - II	17	30	3
15A81A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	38	3
15A81A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	49	3
15A81A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	30	2
15A81A0110	RT4101M	GIS AND CAD LAB	18	38	2
15A81A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	21	16	0
15A81A0111	RT41012	PRESTRESSED CONCRETE	15	33	3
15A81A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	39	3
15A81A0111	RT41014	WATER RESOURCES ENGINEERING - II	20	10	0
15A81A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	26	3
15A81A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	35	3
15A81A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	38	2
15A81A0111	RT4101M	GIS AND CAD LAB	18	39	2
15A81A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	14	32	3
15A81A0112	RT41012	PRESTRESSED CONCRETE	19	36	3
15A81A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	41	3
15A81A0112	RT41014	WATER RESOURCES ENGINEERING - II	22	42	3
15A81A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	45	3
15A81A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	29	3
15A81A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	13	37	2
15A81A0112	RT4101M	GIS AND CAD LAB	18	40	2
15A81A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	15	33	3
15A81A0113	RT41012	PRESTRESSED CONCRETE	16	26	3
15A81A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	29	3
15A81A0113	RT41014	WATER RESOURCES ENGINEERING - II	16	42	3
15A81A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	46	3
15A81A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	28	3
15A81A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	12	36	2
15A81A0113	RT4101M	GIS AND CAD LAB	16	38	2
15A81A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	18	47	3
15A81A0114	RT41012	PRESTRESSED CONCRETE	27	44	3
15A81A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	34	3
15A81A0114	RT41014	WATER RESOURCES ENGINEERING - II	23	51	3
15A81A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	70	3
15A81A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	61	3
15A81A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	44	2
15A81A0114	RT4101M	GIS AND CAD LAB	24	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	22	28	3
15A81A0115	RT41012	PRESTRESSED CONCRETE	23	46	3
15A81A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	34	3
15A81A0115	RT41014	WATER RESOURCES ENGINEERING - II	20	25	3
15A81A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	36	3
15A81A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	36	3
15A81A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	42	2
15A81A0115	RT4101M	GIS AND CAD LAB	23	44	2
15A81A0116	RT41011	ENVIRONMENTAL ENGINEERING- II	19	42	3
15A81A0116	RT41012	PRESTRESSED CONCRETE	22	36	3
15A81A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	57	3
15A81A0116	RT41014	WATER RESOURCES ENGINEERING - II	21	46	3
15A81A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	37	3
15A81A0116	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	29	3
15A81A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
15A81A0116	RT4101M	GIS AND CAD LAB	25	48	2
15A81A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	18	32	3
15A81A0117	RT41012	PRESTRESSED CONCRETE	18	28	3
15A81A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	39	3
15A81A0117	RT41014	WATER RESOURCES ENGINEERING - II	23	30	3
15A81A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	50	3
15A81A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	26	3
15A81A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	41	2
15A81A0117	RT4101M	GIS AND CAD LAB	23	42	2
15A81A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	24	32	3
15A81A0118	RT41012	PRESTRESSED CONCRETE	19	37	3
15A81A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	45	3
15A81A0118	RT41014	WATER RESOURCES ENGINEERING - II	17	31	3
15A81A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	34	3
15A81A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	66	3
15A81A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15A81A0118	RT4101M	GIS AND CAD LAB	20	44	2
15A81A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	26	43	3
15A81A0119	RT41012	PRESTRESSED CONCRETE	21	38	3
15A81A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	34	3
15A81A0119	RT41014	WATER RESOURCES ENGINEERING - II	20	25	3
15A81A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	36	3
15A81A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	52	3
15A81A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
15A81A0119	RT4101M	GIS AND CAD LAB	25	46	2
15A81A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	23	43	3
15A81A0120	RT41012	PRESTRESSED CONCRETE	19	55	3
15A81A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	60	3
15A81A0120	RT41014	WATER RESOURCES ENGINEERING - II	22	42	3
15A81A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	50	3
15A81A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	29	3
15A81A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	41	2
15A81A0120	RT4101M	GIS AND CAD LAB	21	45	2
15A81A0121	RT41011	ENVIRONMENTAL ENGINEERING- II	16	26	3
15A81A0121	RT41012	PRESTRESSED CONCRETE	17	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	46	3
15A81A0121	RT41014	WATER RESOURCES ENGINEERING - II	19	45	3
15A81A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	31	3
15A81A0121	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	43	3
15A81A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	38	2
15A81A0121	RT4101M	GIS AND CAD LAB	17	45	2
15A81A0122	RT41011	ENVIRONMENTAL ENGINEERING- II	23	37	3
15A81A0122	RT41012	PRESTRESSED CONCRETE	19	39	3
15A81A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	36	3
15A81A0122	RT41014	WATER RESOURCES ENGINEERING - II	16	38	3
15A81A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	51	3
15A81A0122	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	55	3
15A81A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	49	2
15A81A0122	RT4101M	GIS AND CAD LAB	20	41	2
15A81A0123	RT41011	ENVIRONMENTAL ENGINEERING- II	24	46	3
15A81A0123	RT41012	PRESTRESSED CONCRETE	18	46	3
15A81A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	52	3
15A81A0123	RT41014	WATER RESOURCES ENGINEERING - II	23	36	3
15A81A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	47	3
15A81A0123	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	57	3
15A81A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	47	2
15A81A0123	RT4101M	GIS AND CAD LAB	24	49	2
15A81A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	16	33	3
15A81A0124	RT41012	PRESTRESSED CONCRETE	21	32	3
15A81A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	36	3
15A81A0124	RT41014	WATER RESOURCES ENGINEERING - II	20	35	3
15A81A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	24	3
15A81A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	29	3
15A81A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	38	2
15A81A0124	RT4101M	GIS AND CAD LAB	23	47	2
15A81A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	12	13	0
15A81A0125	RT41012	PRESTRESSED CONCRETE	15	33	3
15A81A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	15	25	3
15A81A0125	RT41014	WATER RESOURCES ENGINEERING - II	15	0	0
15A81A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	28	3
15A81A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	24	3
15A81A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	14	34	2
15A81A0125	RT4101M	GIS AND CAD LAB	19	36	2
15A81A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	17	36	3
15A81A0126	RT41012	PRESTRESSED CONCRETE	21	34	3
15A81A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	55	3
15A81A0126	RT41014	WATER RESOURCES ENGINEERING - II	17	36	3
15A81A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	53	3
15A81A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	40	3
15A81A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	38	2
15A81A0126	RT4101M	GIS AND CAD LAB	20	40	2
15A81A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	28	53	3
15A81A0127	RT41012	PRESTRESSED CONCRETE	29	57	3
15A81A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	45	3
15A81A0127	RT41014	WATER RESOURCES ENGINEERING - II	27	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	52	3
15A81A0127	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	62	3
15A81A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
15A81A0127	RT4101M	GIS AND CAD LAB	24	48	2
15A81A0128	RT41011	ENVIRONMENTAL ENGINEERING- II	23	43	3
15A81A0128	RT41012	PRESTRESSED CONCRETE	23	44	3
15A81A0128	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	61	3
15A81A0128	RT41014	WATER RESOURCES ENGINEERING - II	22	52	3
15A81A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	60	3
15A81A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	31	3
15A81A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
15A81A0128	RT4101M	GIS AND CAD LAB	22	45	2
15A81A0129	RT41011	ENVIRONMENTAL ENGINEERING- II	17	26	3
15A81A0129	RT41012	PRESTRESSED CONCRETE	19	24	3
15A81A0129	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	51	3
15A81A0129	RT41014	WATER RESOURCES ENGINEERING - II	18	26	3
15A81A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	31	3
15A81A0129	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	36	3
15A81A0129	RT4101L	ENVIRONMENTAL ENGINEERING LAB	14	36	2
15A81A0129	RT4101M	GIS AND CAD LAB	17	40	2
15A81A0130	RT41011	ENVIRONMENTAL ENGINEERING- II	21	42	3
15A81A0130	RT41012	PRESTRESSED CONCRETE	24	32	3
15A81A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	45	3
15A81A0130	RT41014	WATER RESOURCES ENGINEERING - II	18	25	3
15A81A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	55	3
15A81A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	45	3
15A81A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	41	2
15A81A0130	RT4101M	GIS AND CAD LAB	19	45	2
15A81A0131	RT41011	ENVIRONMENTAL ENGINEERING- II	27	45	3
15A81A0131	RT41012	PRESTRESSED CONCRETE	23	57	3
15A81A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	52	3
15A81A0131	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
15A81A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	51	3
15A81A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	59	3
15A81A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	48	2
15A81A0131	RT4101M	GIS AND CAD LAB	24	46	2
15A81A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	27	52	3
15A81A0132	RT41012	PRESTRESSED CONCRETE	27	59	3
15A81A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	64	3
15A81A0132	RT41014	WATER RESOURCES ENGINEERING - II	27	70	3
15A81A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	46	3
15A81A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	49	3
15A81A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15A81A0132	RT4101M	GIS AND CAD LAB	23	42	2
15A81A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	15	25	3
15A81A0133	RT41012	PRESTRESSED CONCRETE	17	24	3
15A81A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	38	3
15A81A0133	RT41014	WATER RESOURCES ENGINEERING - II	22	37	3
15A81A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	40	3
15A81A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	34	2
15A81A0133	RT4101M	GIS AND CAD LAB	19	41	2
15A81A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	23	49	3
15A81A0134	RT41012	PRESTRESSED CONCRETE	21	48	3
15A81A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	61	3
15A81A0134	RT41014	WATER RESOURCES ENGINEERING - II	23	49	3
15A81A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	64	3
15A81A0134	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	51	3
15A81A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
15A81A0134	RT4101M	GIS AND CAD LAB	23	45	2
15A81A0135	RT41011	ENVIRONMENTAL ENGINEERING- II	19	36	3
15A81A0135	RT41012	PRESTRESSED CONCRETE	18	53	3
15A81A0135	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	41	3
15A81A0135	RT41014	WATER RESOURCES ENGINEERING - II	21	24	3
15A81A0135	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	40	3
15A81A0135	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	62	3
15A81A0135	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	40	2
15A81A0135	RT4101M	GIS AND CAD LAB	22	39	2
15A81A0136	RT41011	ENVIRONMENTAL ENGINEERING- II	18	28	3
15A81A0136	RT41012	PRESTRESSED CONCRETE	14	36	3
15A81A0136	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	36	3
15A81A0136	RT41014	WATER RESOURCES ENGINEERING - II	16	52	3
15A81A0136	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	48	3
15A81A0136	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	33	3
15A81A0136	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	38	2
15A81A0136	RT4101M	GIS AND CAD LAB	17	37	2
15A81A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	19	39	3
15A81A0138	RT41012	PRESTRESSED CONCRETE	16	0	0
15A81A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	51	3
15A81A0138	RT41014	WATER RESOURCES ENGINEERING - II	18	35	3
15A81A0138	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	38	3
15A81A0138	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	35	3
15A81A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	15	37	2
15A81A0138	RT4101M	GIS AND CAD LAB	19	40	2
15A81A0139	RT41011	ENVIRONMENTAL ENGINEERING- II	18	37	3
15A81A0139	RT41012	PRESTRESSED CONCRETE	16	15	0
15A81A0139	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	10	0
15A81A0139	RT41014	WATER RESOURCES ENGINEERING - II	20	24	3
15A81A0139	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	45	3
15A81A0139	RT41016	GROUND IMPROVEMENT TECHNIQUES	13	40	3
15A81A0139	RT4101L	ENVIRONMENTAL ENGINEERING LAB	15	32	2
15A81A0139	RT4101M	GIS AND CAD LAB	19	44	2
15A81A0140	RT41011	ENVIRONMENTAL ENGINEERING- II	19	28	3
15A81A0140	RT41012	PRESTRESSED CONCRETE	19	58	3
15A81A0140	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	45	3
15A81A0140	RT41014	WATER RESOURCES ENGINEERING - II	20	40	3
15A81A0140	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	44	3
15A81A0140	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	56	3
15A81A0140	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
15A81A0140	RT4101M	GIS AND CAD LAB	19	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0141	RT41011	ENVIRONMENTAL ENGINEERING- II	24	55	3
15A81A0141	RT41012	PRESTRESSED CONCRETE	23	65	3
15A81A0141	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	54	3
15A81A0141	RT41014	WATER RESOURCES ENGINEERING - II	24	49	3
15A81A0141	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	53	3
15A81A0141	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	48	3
15A81A0141	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	49	2
15A81A0141	RT4101M	GIS AND CAD LAB	25	44	2
15A81A0142	RT41011	ENVIRONMENTAL ENGINEERING- II	17	44	3
15A81A0142	RT41012	PRESTRESSED CONCRETE	17	29	3
15A81A0142	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	54	3
15A81A0142	RT41014	WATER RESOURCES ENGINEERING - II	14	30	3
15A81A0142	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	54	3
15A81A0142	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	36	3
15A81A0142	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	37	2
15A81A0142	RT4101M	GIS AND CAD LAB	24	48	2
15A81A0143	RT41011	ENVIRONMENTAL ENGINEERING- II	29	50	3
15A81A0143	RT41012	PRESTRESSED CONCRETE	21	53	3
15A81A0143	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	58	3
15A81A0143	RT41014	WATER RESOURCES ENGINEERING - II	24	45	3
15A81A0143	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	64	3
15A81A0143	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	55	3
15A81A0143	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	49	2
15A81A0143	RT4101M	GIS AND CAD LAB	22	46	2
15A81A0144	RT41011	ENVIRONMENTAL ENGINEERING- II	23	36	3
15A81A0144	RT41012	PRESTRESSED CONCRETE	19	43	3
15A81A0144	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	42	3
15A81A0144	RT41014	WATER RESOURCES ENGINEERING - II	20	34	3
15A81A0144	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	43	3
15A81A0144	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	45	3
15A81A0144	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15A81A0144	RT4101M	GIS AND CAD LAB	17	40	2
15A81A0145	RT41011	ENVIRONMENTAL ENGINEERING- II	18	26	3
15A81A0145	RT41012	PRESTRESSED CONCRETE	19	32	3
15A81A0145	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	43	3
15A81A0145	RT41014	WATER RESOURCES ENGINEERING - II	16	24	3
15A81A0145	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	44	3
15A81A0145	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	30	3
15A81A0145	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	47	2
15A81A0145	RT4101M	GIS AND CAD LAB	18	38	2
15A81A0146	RT41011	ENVIRONMENTAL ENGINEERING- II	15	30	3
15A81A0146	RT41012	PRESTRESSED CONCRETE	18	13	0
15A81A0146	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	31	3
15A81A0146	RT41014	WATER RESOURCES ENGINEERING - II	13	27	3
15A81A0146	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	45	3
15A81A0146	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	37	3
15A81A0146	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	42	2
15A81A0146	RT4101M	GIS AND CAD LAB	20	41	2
15A81A0147	RT41011	ENVIRONMENTAL ENGINEERING- II	18	49	3
15A81A0147	RT41012	PRESTRESSED CONCRETE	20	43	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0147	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	41	3
15A81A0147	RT41014	WATER RESOURCES ENGINEERING - II	20	37	3
15A81A0147	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	35	3
15A81A0147	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	47	3
15A81A0147	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	40	2
15A81A0147	RT4101M	GIS AND CAD LAB	20	39	2
15A81A0148	RT41011	ENVIRONMENTAL ENGINEERING- II	23	31	3
15A81A0148	RT41012	PRESTRESSED CONCRETE	22	54	3
15A81A0148	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	39	3
15A81A0148	RT41014	WATER RESOURCES ENGINEERING - II	20	24	3
15A81A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	44	3
15A81A0148	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	40	3
15A81A0148	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	42	2
15A81A0148	RT4101M	GIS AND CAD LAB	20	43	2
15A81A0149	RT41011	ENVIRONMENTAL ENGINEERING- II	28	46	3
15A81A0149	RT41012	PRESTRESSED CONCRETE	28	63	3
15A81A0149	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	58	3
15A81A0149	RT41014	WATER RESOURCES ENGINEERING - II	25	59	3
15A81A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	46	3
15A81A0149	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	43	3
15A81A0149	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	49	2
15A81A0149	RT4101M	GIS AND CAD LAB	24	47	2
15A81A0150	RT41011	ENVIRONMENTAL ENGINEERING- II	22	31	3
15A81A0150	RT41012	PRESTRESSED CONCRETE	18	14	0
15A81A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	28	3
15A81A0150	RT41014	WATER RESOURCES ENGINEERING - II	17	26	3
15A81A0150	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	28	3
15A81A0150	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	34	3
15A81A0150	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	38	2
15A81A0150	RT4101M	GIS AND CAD LAB	24	44	2
15A81A0151	RT41011	ENVIRONMENTAL ENGINEERING- II	23	44	3
15A81A0151	RT41012	PRESTRESSED CONCRETE	23	41	3
15A81A0151	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	45	3
15A81A0151	RT41014	WATER RESOURCES ENGINEERING - II	18	29	3
15A81A0151	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	44	3
15A81A0151	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	47	3
15A81A0151	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	39	2
15A81A0151	RT4101M	GIS AND CAD LAB	23	46	2
15A81A0152	RT41011	ENVIRONMENTAL ENGINEERING- II	23	34	3
15A81A0152	RT41012	PRESTRESSED CONCRETE	14	38	3
15A81A0152	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	35	3
15A81A0152	RT41014	WATER RESOURCES ENGINEERING - II	17	34	3
15A81A0152	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	32	3
15A81A0152	RT41016	GROUND IMPROVEMENT TECHNIQUES	14	44	3
15A81A0152	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	42	2
15A81A0152	RT4101M	GIS AND CAD LAB	19	45	2
15A81A0153	RT41011	ENVIRONMENTAL ENGINEERING- II	25	45	3
15A81A0153	RT41012	PRESTRESSED CONCRETE	25	63	3
15A81A0153	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	60	3
15A81A0153	RT41014	WATER RESOURCES ENGINEERING - II	21	61	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0153	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	53	3
15A81A0153	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	57	3
15A81A0153	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	48	2
15A81A0153	RT4101M	GIS AND CAD LAB	24	47	2
15A81A0154	RT41011	ENVIRONMENTAL ENGINEERING- II	24	26	3
15A81A0154	RT41012	PRESTRESSED CONCRETE	22	36	3
15A81A0154	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	55	3
15A81A0154	RT41014	WATER RESOURCES ENGINEERING - II	20	49	3
15A81A0154	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	32	3
15A81A0154	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	37	3
15A81A0154	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15A81A0154	RT4101M	GIS AND CAD LAB	24	47	2
15A81A0156	RT41011	ENVIRONMENTAL ENGINEERING- II	23	45	3
15A81A0156	RT41012	PRESTRESSED CONCRETE	20	48	3
15A81A0156	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	55	3
15A81A0156	RT41014	WATER RESOURCES ENGINEERING - II	21	42	3
15A81A0156	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	38	3
15A81A0156	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	45	3
15A81A0156	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	39	2
15A81A0156	RT4101M	GIS AND CAD LAB	22	46	2
15A81A0157	RT41011	ENVIRONMENTAL ENGINEERING- II	19	47	3
15A81A0157	RT41012	PRESTRESSED CONCRETE	24	48	3
15A81A0157	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	39	3
15A81A0157	RT41014	WATER RESOURCES ENGINEERING - II	20	46	3
15A81A0157	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	46	3
15A81A0157	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	55	3
15A81A0157	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	42	2
15A81A0157	RT4101M	GIS AND CAD LAB	21	47	2
15A81A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	52	3
15A81A0201	RT41022	HVAC AND DC TRANSMISSION	26	62	3
15A81A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	56	3
15A81A0201	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	60	3
15A81A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	51	3
15A81A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15A81A0201	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
15A81A0201	RT4102N	POWER SYSTEMS LAB	24	49	2
15A81A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	33	3
15A81A0202	RT41022	HVAC AND DC TRANSMISSION	20	17	0
15A81A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	13	0
15A81A0202	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	39	3
15A81A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	18	0
15A81A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15A81A0202	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
15A81A0202	RT4102N	POWER SYSTEMS LAB	19	40	2
15A81A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	39	3
15A81A0203	RT41022	HVAC AND DC TRANSMISSION	25	32	3
15A81A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	37	3
15A81A0203	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	59	3
15A81A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	41	3
15A81A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0203	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
15A81A0203	RT4102N	POWER SYSTEMS LAB	21	46	2
15A81A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	29	3
15A81A0204	RT41022	HVAC AND DC TRANSMISSION	20	28	3
15A81A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	-1	0
15A81A0204	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	29	3
15A81A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	35	3
15A81A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	22	2
15A81A0204	RT4102M	ELECTRICAL SIMULATION LAB	5	-1	0
15A81A0204	RT4102N	POWER SYSTEMS LAB	15	32	2
15A81A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	54	3
15A81A0205	RT41022	HVAC AND DC TRANSMISSION	26	57	3
15A81A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	43	3
15A81A0205	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	46	3
15A81A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	57	3
15A81A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A81A0205	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15A81A0205	RT4102N	POWER SYSTEMS LAB	23	48	2
15A81A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	24	3
15A81A0206	RT41022	HVAC AND DC TRANSMISSION	23	41	3
15A81A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	28	3
15A81A0206	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	15	40	3
15A81A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	18	0
15A81A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15A81A0206	RT4102M	ELECTRICAL SIMULATION LAB	19	49	2
15A81A0206	RT4102N	POWER SYSTEMS LAB	20	48	2
15A81A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	58	3
15A81A0207	RT41022	HVAC AND DC TRANSMISSION	22	24	3
15A81A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	46	3
15A81A0207	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	42	3
15A81A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	61	3
15A81A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A81A0207	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15A81A0207	RT4102N	POWER SYSTEMS LAB	21	47	2
15A81A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	42	3
15A81A0208	RT41022	HVAC AND DC TRANSMISSION	22	38	3
15A81A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	57	3
15A81A0208	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	56	3
15A81A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	54	3
15A81A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15A81A0208	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15A81A0208	RT4102N	POWER SYSTEMS LAB	20	45	2
15A81A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	34	3
15A81A0209	RT41022	HVAC AND DC TRANSMISSION	19	37	3
15A81A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	28	3
15A81A0209	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	35	3
15A81A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	31	3
15A81A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15A81A0209	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2
15A81A0209	RT4102N	POWER SYSTEMS LAB	19	41	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	9	0
15A81A0210	RT41022	HVAC AND DC TRANSMISSION	22	31	3
15A81A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	43	3
15A81A0210	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	28	3
15A81A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	6	0
15A81A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
15A81A0210	RT4102M	ELECTRICAL SIMULATION LAB	20	45	2
15A81A0210	RT4102N	POWER SYSTEMS LAB	19	41	2
15A81A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	41	3
15A81A0212	RT41022	HVAC AND DC TRANSMISSION	24	34	3
15A81A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	64	3
15A81A0212	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	54	3
15A81A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	37	3
15A81A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0212	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
15A81A0212	RT4102N	POWER SYSTEMS LAB	22	47	2
15A81A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	44	3
15A81A0213	RT41022	HVAC AND DC TRANSMISSION	22	34	3
15A81A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	39	3
15A81A0213	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	51	3
15A81A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	58	3
15A81A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
15A81A0213	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
15A81A0213	RT4102N	POWER SYSTEMS LAB	21	45	2
15A81A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	58	3
15A81A0214	RT41022	HVAC AND DC TRANSMISSION	27	55	3
15A81A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	47	3
15A81A0214	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	56	3
15A81A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	70	3
15A81A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15A81A0214	RT4102M	ELECTRICAL SIMULATION LAB	21	48	2
15A81A0214	RT4102N	POWER SYSTEMS LAB	22	47	2
15A81A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	29	3
15A81A0215	RT41022	HVAC AND DC TRANSMISSION	23	32	3
15A81A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	37	3
15A81A0215	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	48	3
15A81A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	44	3
15A81A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	40	2
15A81A0215	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2
15A81A0215	RT4102N	POWER SYSTEMS LAB	20	44	2
15A81A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	46	3
15A81A0216	RT41022	HVAC AND DC TRANSMISSION	30	34	3
15A81A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	56	3
15A81A0216	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	60	3
15A81A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	64	3
15A81A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0216	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0216	RT4102N	POWER SYSTEMS LAB	25	49	2
15A81A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	38	3
15A81A0217	RT41022	HVAC AND DC TRANSMISSION	22	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	33	3
15A81A0217	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	51	3
15A81A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	55	3
15A81A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2
15A81A0217	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
15A81A0217	RT4102N	POWER SYSTEMS LAB	21	45	2
15A81A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	55	3
15A81A0218	RT41022	HVAC AND DC TRANSMISSION	22	45	3
15A81A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	38	3
15A81A0218	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	48	3
15A81A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	44	3
15A81A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15A81A0218	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A81A0218	RT4102N	POWER SYSTEMS LAB	21	45	2
15A81A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	52	3
15A81A0219	RT41022	HVAC AND DC TRANSMISSION	22	39	3
15A81A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	37	3
15A81A0219	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	47	3
15A81A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	41	3
15A81A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
15A81A0219	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
15A81A0219	RT4102N	POWER SYSTEMS LAB	20	44	2
15A81A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	40	3
15A81A0220	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15A81A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	51	3
15A81A0220	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	57	3
15A81A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	40	3
15A81A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15A81A0220	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2
15A81A0220	RT4102N	POWER SYSTEMS LAB	21	45	2
15A81A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	33	3
15A81A0221	RT41022	HVAC AND DC TRANSMISSION	20	38	3
15A81A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	38	3
15A81A0221	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	41	3
15A81A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	48	3
15A81A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
15A81A0221	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15A81A0221	RT4102N	POWER SYSTEMS LAB	19	40	2
15A81A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	11	0
15A81A0222	RT41022	HVAC AND DC TRANSMISSION	18	35	3
15A81A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	0	0
15A81A0222	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	31	3
15A81A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	24	3
15A81A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	22	2
15A81A0222	RT4102M	ELECTRICAL SIMULATION LAB	5	-1	0
15A81A0222	RT4102N	POWER SYSTEMS LAB	14	30	2
15A81A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	51	3
15A81A0223	RT41022	HVAC AND DC TRANSMISSION	26	33	3
15A81A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	48	3
15A81A0223	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	43	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	45	3
15A81A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A0223	RT4102M	ELECTRICAL SIMULATION LAB	21	47	2
15A81A0223	RT4102N	POWER SYSTEMS LAB	22	46	2
15A81A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	44	3
15A81A0224	RT41022	HVAC AND DC TRANSMISSION	21	34	3
15A81A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	33	3
15A81A0224	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	16	56	3
15A81A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	58	3
15A81A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A0224	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
15A81A0224	RT4102N	POWER SYSTEMS LAB	21	45	2
15A81A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	39	3
15A81A0225	RT41022	HVAC AND DC TRANSMISSION	28	42	3
15A81A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	55	3
15A81A0225	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	53	3
15A81A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	60	3
15A81A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0225	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2
15A81A0225	RT4102N	POWER SYSTEMS LAB	23	47	2
15A81A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	55	3
15A81A0226	RT41022	HVAC AND DC TRANSMISSION	23	58	3
15A81A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	50	3
15A81A0226	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	46	3
15A81A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	58	3
15A81A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A81A0226	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15A81A0226	RT4102N	POWER SYSTEMS LAB	24	50	2
15A81A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	36	3
15A81A0227	RT41022	HVAC AND DC TRANSMISSION	24	32	3
15A81A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	29	3
15A81A0227	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	25	3
15A81A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	36	3
15A81A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2
15A81A0227	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2
15A81A0227	RT4102N	POWER SYSTEMS LAB	19	39	2
15A81A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	43	3
15A81A0228	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15A81A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	28	3
15A81A0228	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	41	3
15A81A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	37	3
15A81A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15A81A0228	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2
15A81A0228	RT4102N	POWER SYSTEMS LAB	19	41	2
15A81A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	30	3
15A81A0229	RT41022	HVAC AND DC TRANSMISSION	25	37	3
15A81A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	53	3
15A81A0229	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	56	3
15A81A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	55	3
15A81A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0229	RT4102M	ELECTRICAL SIMULATION LAB	20	48	2
15A81A0229	RT4102N	POWER SYSTEMS LAB	22	47	2
15A81A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	54	3
15A81A0230	RT41022	HVAC AND DC TRANSMISSION	28	61	3
15A81A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	54	3
15A81A0230	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	62	3
15A81A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	70	3
15A81A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15A81A0230	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15A81A0230	RT4102N	POWER SYSTEMS LAB	21	46	2
15A81A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	50	3
15A81A0233	RT41022	HVAC AND DC TRANSMISSION	23	30	3
15A81A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	30	3
15A81A0233	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	15	54	3
15A81A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	31	3
15A81A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15A81A0233	RT4102M	ELECTRICAL SIMULATION LAB	23	40	2
15A81A0233	RT4102N	POWER SYSTEMS LAB	19	41	2
15A81A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	51	3
15A81A0234	RT41022	HVAC AND DC TRANSMISSION	21	20	0
15A81A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	24	3
15A81A0234	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	49	3
15A81A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	50	3
15A81A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15A81A0234	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15A81A0234	RT4102N	POWER SYSTEMS LAB	19	39	2
15A81A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	30	3
15A81A0235	RT41022	HVAC AND DC TRANSMISSION	22	39	3
15A81A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	49	3
15A81A0235	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	33	3
15A81A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	50	3
15A81A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15A81A0235	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
15A81A0235	RT4102N	POWER SYSTEMS LAB	21	47	2
15A81A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	50	3
15A81A0236	RT41022	HVAC AND DC TRANSMISSION	26	59	3
15A81A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	49	3
15A81A0236	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	51	3
15A81A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	48	3
15A81A0236	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A0236	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
15A81A0236	RT4102N	POWER SYSTEMS LAB	22	46	2
15A81A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	32	3
15A81A0237	RT41022	HVAC AND DC TRANSMISSION	22	31	3
15A81A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	5	0
15A81A0237	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	38	3
15A81A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	33	3
15A81A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15A81A0237	RT4102M	ELECTRICAL SIMULATION LAB	6	5	0
15A81A0237	RT4102N	POWER SYSTEMS LAB	18	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	55	3
15A81A0238	RT41022	HVAC AND DC TRANSMISSION	23	12	0
15A81A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	38	3
15A81A0238	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	54	3
15A81A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	30	3
15A81A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
15A81A0238	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15A81A0238	RT4102N	POWER SYSTEMS LAB	19	41	2
15A81A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	44	3
15A81A0240	RT41022	HVAC AND DC TRANSMISSION	21	32	3
15A81A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	-1	0
15A81A0240	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	15	43	3
15A81A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	43	3
15A81A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15A81A0240	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15A81A0240	RT4102N	POWER SYSTEMS LAB	19	39	2
15A81A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	29	3
15A81A0241	RT41022	HVAC AND DC TRANSMISSION	23	50	3
15A81A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	42	3
15A81A0241	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	42	3
15A81A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	62	3
15A81A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15A81A0241	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
15A81A0241	RT4102N	POWER SYSTEMS LAB	22	46	2
15A81A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	32	3
15A81A0242	RT41022	HVAC AND DC TRANSMISSION	22	37	3
15A81A0242	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	30	3
15A81A0242	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	60	3
15A81A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	37	3
15A81A0242	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A81A0242	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A81A0242	RT4102N	POWER SYSTEMS LAB	21	43	2
15A81A0243	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	40	3
15A81A0243	RT41022	HVAC AND DC TRANSMISSION	22	32	3
15A81A0243	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	50	3
15A81A0243	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	16	43	3
15A81A0243	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	49	3
15A81A0243	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A81A0243	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0243	RT4102N	POWER SYSTEMS LAB	21	44	2
15A81A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	41	3
15A81A0244	RT41022	HVAC AND DC TRANSMISSION	25	42	3
15A81A0244	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	39	3
15A81A0244	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	54	3
15A81A0244	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	47	3
15A81A0244	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15A81A0244	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15A81A0244	RT4102N	POWER SYSTEMS LAB	22	42	2
15A81A0245	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	51	3
15A81A0245	RT41022	HVAC AND DC TRANSMISSION	28	50	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0245	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	38	3
15A81A0245	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	46	3
15A81A0245	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	46	3
15A81A0245	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A81A0245	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0245	RT4102N	POWER SYSTEMS LAB	22	48	2
15A81A0246	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	34	3
15A81A0246	RT41022	HVAC AND DC TRANSMISSION	25	35	3
15A81A0246	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	11	0
15A81A0246	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	54	3
15A81A0246	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	37	3
15A81A0246	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
15A81A0246	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A81A0246	RT4102N	POWER SYSTEMS LAB	22	42	2
15A81A0247	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	43	3
15A81A0247	RT41022	HVAC AND DC TRANSMISSION	24	32	3
15A81A0247	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	49	3
15A81A0247	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	46	3
15A81A0247	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	38	3
15A81A0247	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15A81A0247	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0247	RT4102N	POWER SYSTEMS LAB	24	49	2
15A81A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	44	3
15A81A0248	RT41022	HVAC AND DC TRANSMISSION	23	40	3
15A81A0248	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	55	3
15A81A0248	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	56	3
15A81A0248	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	52	3
15A81A0248	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15A81A0248	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0248	RT4102N	POWER SYSTEMS LAB	25	50	2
15A81A0249	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	48	3
15A81A0249	RT41022	HVAC AND DC TRANSMISSION	24	46	3
15A81A0249	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	44	3
15A81A0249	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	50	3
15A81A0249	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	58	3
15A81A0249	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2
15A81A0249	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0249	RT4102N	POWER SYSTEMS LAB	24	49	2
15A81A0250	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	26	3
15A81A0250	RT41022	HVAC AND DC TRANSMISSION	26	38	3
15A81A0250	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	28	3
15A81A0250	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	34	3
15A81A0250	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	44	3
15A81A0250	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15A81A0250	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
15A81A0250	RT4102N	POWER SYSTEMS LAB	21	42	2
15A81A0251	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	41	3
15A81A0251	RT41022	HVAC AND DC TRANSMISSION	21	24	3
15A81A0251	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	46	3
15A81A0251	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	47	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0251	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	43	3
15A81A0251	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15A81A0251	RT4102M	ELECTRICAL SIMULATION LAB	22	46	2
15A81A0251	RT4102N	POWER SYSTEMS LAB	20	42	2
15A81A0252	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	55	3
15A81A0252	RT41022	HVAC AND DC TRANSMISSION	22	42	3
15A81A0252	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	51	3
15A81A0252	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	39	3
15A81A0252	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	50	3
15A81A0252	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	45	2
15A81A0252	RT4102M	ELECTRICAL SIMULATION LAB	22	48	2
15A81A0252	RT4102N	POWER SYSTEMS LAB	20	42	2
15A81A0253	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	46	3
15A81A0253	RT41022	HVAC AND DC TRANSMISSION	22	50	3
15A81A0253	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	44	3
15A81A0253	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	43	3
15A81A0253	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	57	3
15A81A0253	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15A81A0253	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0253	RT4102N	POWER SYSTEMS LAB	23	49	2
15A81A0254	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	24	3
15A81A0254	RT41022	HVAC AND DC TRANSMISSION	25	29	3
15A81A0254	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	24	3
15A81A0254	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	37	3
15A81A0254	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	29	3
15A81A0254	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15A81A0254	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15A81A0254	RT4102N	POWER SYSTEMS LAB	21	48	2
15A81A0255	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	24	3
15A81A0255	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15A81A0255	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	56	3
15A81A0255	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	39	3
15A81A0255	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	34	3
15A81A0255	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15A81A0255	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15A81A0255	RT4102N	POWER SYSTEMS LAB	21	48	2
15A81A0256	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	49	3
15A81A0256	RT41022	HVAC AND DC TRANSMISSION	24	37	3
15A81A0256	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	40	3
15A81A0256	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	35	3
15A81A0256	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	38	3
15A81A0256	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	40	2
15A81A0256	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A81A0256	RT4102N	POWER SYSTEMS LAB	19	42	2
15A81A0258	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	46	3
15A81A0258	RT41022	HVAC AND DC TRANSMISSION	23	43	3
15A81A0258	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	40	3
15A81A0258	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	42	3
15A81A0258	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	52	3
15A81A0258	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0258	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15A81A0258	RT4102N	POWER SYSTEMS LAB	24	49	2
15A81A0259	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	39	3
15A81A0259	RT41022	HVAC AND DC TRANSMISSION	21	38	3
15A81A0259	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	14	0
15A81A0259	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	38	3
15A81A0259	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	34	3
15A81A0259	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15A81A0259	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0259	RT4102N	POWER SYSTEMS LAB	22	46	2
15A81A0260	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	38	3
15A81A0260	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15A81A0260	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	49	3
15A81A0260	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	42	3
15A81A0260	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	49	3
15A81A0260	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
15A81A0260	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0260	RT4102N	POWER SYSTEMS LAB	22	47	2
15A81A0261	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	16	0
15A81A0261	RT41022	HVAC AND DC TRANSMISSION	20	41	3
15A81A0261	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	26	3
15A81A0261	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	53	3
15A81A0261	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	39	3
15A81A0261	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	32	2
15A81A0261	RT4102M	ELECTRICAL SIMULATION LAB	22	48	2
15A81A0261	RT4102N	POWER SYSTEMS LAB	22	42	2
15A81A0262	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	29	3
15A81A0262	RT41022	HVAC AND DC TRANSMISSION	27	39	3
15A81A0262	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	38	3
15A81A0262	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	25	3
15A81A0262	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	47	3
15A81A0262	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	43	2
15A81A0262	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15A81A0262	RT4102N	POWER SYSTEMS LAB	21	44	2
15A81A0263	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	35	3
15A81A0263	RT41022	HVAC AND DC TRANSMISSION	22	30	3
15A81A0263	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	28	3
15A81A0263	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	24	3
15A81A0263	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	28	3
15A81A0263	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	30	2
15A81A0263	RT4102M	ELECTRICAL SIMULATION LAB	21	47	2
15A81A0263	RT4102N	POWER SYSTEMS LAB	18	42	2
15A81A0265	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	45	3
15A81A0265	RT41022	HVAC AND DC TRANSMISSION	21	32	3
15A81A0265	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	55	3
15A81A0265	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	38	3
15A81A0265	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	51	3
15A81A0265	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	38	2
15A81A0265	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15A81A0265	RT4102N	POWER SYSTEMS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0266	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	30	3
15A81A0266	RT41022	HVAC AND DC TRANSMISSION	23	26	3
15A81A0266	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	31	3
15A81A0266	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	26	3
15A81A0266	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	31	3
15A81A0266	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15A81A0266	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15A81A0266	RT4102N	POWER SYSTEMS LAB	21	42	2
15A81A0267	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	25	3
15A81A0267	RT41022	HVAC AND DC TRANSMISSION	22	46	3
15A81A0267	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	43	3
15A81A0267	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	47	3
15A81A0267	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	37	3
15A81A0267	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15A81A0267	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15A81A0267	RT4102N	POWER SYSTEMS LAB	19	42	2
15A81A0268	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	50	3
15A81A0268	RT41022	HVAC AND DC TRANSMISSION	24	37	3
15A81A0268	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	28	3
15A81A0268	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	38	3
15A81A0268	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	35	3
15A81A0268	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15A81A0268	RT4102M	ELECTRICAL SIMULATION LAB	21	48	2
15A81A0268	RT4102N	POWER SYSTEMS LAB	20	43	2
15A81A0269	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	39	3
15A81A0269	RT41022	HVAC AND DC TRANSMISSION	24	16	0
15A81A0269	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	46	3
15A81A0269	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	29	3
15A81A0269	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	38	3
15A81A0269	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
15A81A0269	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0269	RT4102N	POWER SYSTEMS LAB	19	42	2
15A81A0270	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	27	3
15A81A0270	RT41022	HVAC AND DC TRANSMISSION	29	41	3
15A81A0270	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	61	3
15A81A0270	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	45	3
15A81A0270	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	51	3
15A81A0270	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15A81A0270	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0270	RT4102N	POWER SYSTEMS LAB	24	49	2
15A81A0271	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	29	3
15A81A0271	RT41022	HVAC AND DC TRANSMISSION	26	37	3
15A81A0271	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	48	3
15A81A0271	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	43	3
15A81A0271	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	38	3
15A81A0271	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
15A81A0271	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A81A0271	RT4102N	POWER SYSTEMS LAB	22	48	2
15A81A0273	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	50	3
15A81A0273	RT41022	HVAC AND DC TRANSMISSION	20	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0273	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	18	0
15A81A0273	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	46	3
15A81A0273	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	43	3
15A81A0273	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	39	2
15A81A0273	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15A81A0273	RT4102N	POWER SYSTEMS LAB	22	49	2
15A81A0274	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	47	3
15A81A0274	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15A81A0274	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	44	3
15A81A0274	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	45	3
15A81A0274	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	37	3
15A81A0274	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
15A81A0274	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0274	RT4102N	POWER SYSTEMS LAB	23	43	2
15A81A0275	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	27	3
15A81A0275	RT41022	HVAC AND DC TRANSMISSION	22	40	3
15A81A0275	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	58	3
15A81A0275	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	37	3
15A81A0275	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	51	3
15A81A0275	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	39	2
15A81A0275	RT4102M	ELECTRICAL SIMULATION LAB	22	49	2
15A81A0275	RT4102N	POWER SYSTEMS LAB	22	44	2
15A81A0276	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	37	3
15A81A0276	RT41022	HVAC AND DC TRANSMISSION	23	59	3
15A81A0276	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	52	3
15A81A0276	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	39	3
15A81A0276	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	55	3
15A81A0276	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15A81A0276	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15A81A0276	RT4102N	POWER SYSTEMS LAB	20	45	2
15A81A0277	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	41	3
15A81A0277	RT41022	HVAC AND DC TRANSMISSION	24	38	3
15A81A0277	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	32	3
15A81A0277	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	36	3
15A81A0277	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	33	3
15A81A0277	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
15A81A0277	RT4102M	ELECTRICAL SIMULATION LAB	22	48	2
15A81A0277	RT4102N	POWER SYSTEMS LAB	21	47	2
15A81A0278	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	45	3
15A81A0278	RT41022	HVAC AND DC TRANSMISSION	26	39	3
15A81A0278	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	37	3
15A81A0278	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	29	3
15A81A0278	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	52	3
15A81A0278	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15A81A0278	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
15A81A0278	RT4102N	POWER SYSTEMS LAB	21	42	2
15A81A0279	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	49	3
15A81A0279	RT41022	HVAC AND DC TRANSMISSION	23	43	3
15A81A0279	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	35	3
15A81A0279	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0279	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	60	3
15A81A0279	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
15A81A0279	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
15A81A0279	RT4102N	POWER SYSTEMS LAB	21	42	2
15A81A0301	RT41031	AUTOMOBILE ENGINEERING	27	37	3
15A81A0301	RT41032	CAD / CAM	21	45	3
15A81A0301	RT41033	FINITE ELEMENT METHODS	21	26	3
15A81A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	37	3
15A81A0301	RT41035	MEMS	19	38	3
15A81A0301	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	47	3
15A81A0301	RT4103L	SIMULATION LAB	19	40	2
15A81A0301	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0302	RT41031	AUTOMOBILE ENGINEERING	28	43	3
15A81A0302	RT41032	CAD / CAM	28	32	3
15A81A0302	RT41033	FINITE ELEMENT METHODS	23	34	3
15A81A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	37	3
15A81A0302	RT41035	MEMS	26	39	3
15A81A0302	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	48	3
15A81A0302	RT4103L	SIMULATION LAB	20	42	2
15A81A0302	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0303	RT41031	AUTOMOBILE ENGINEERING	20	40	3
15A81A0303	RT41032	CAD / CAM	22	31	3
15A81A0303	RT41033	FINITE ELEMENT METHODS	20	17	0
15A81A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	36	3
15A81A0303	RT41035	MEMS	23	24	3
15A81A0303	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	43	3
15A81A0303	RT4103L	SIMULATION LAB	19	39	2
15A81A0303	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0304	RT41031	AUTOMOBILE ENGINEERING	25	47	3
15A81A0304	RT41032	CAD / CAM	27	48	3
15A81A0304	RT41033	FINITE ELEMENT METHODS	27	47	3
15A81A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	47	3
15A81A0304	RT41035	MEMS	28	48	3
15A81A0304	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	56	3
15A81A0304	RT4103L	SIMULATION LAB	24	42	2
15A81A0304	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0305	RT41031	AUTOMOBILE ENGINEERING	28	37	3
15A81A0305	RT41032	CAD / CAM	26	38	3
15A81A0305	RT41033	FINITE ELEMENT METHODS	24	24	3
15A81A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	32	3
15A81A0305	RT41035	MEMS	24	38	3
15A81A0305	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	19	45	3
15A81A0305	RT4103L	SIMULATION LAB	19	39	2
15A81A0305	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0306	RT41031	AUTOMOBILE ENGINEERING	29	43	3
15A81A0306	RT41032	CAD / CAM	25	36	3
15A81A0306	RT41033	FINITE ELEMENT METHODS	26	29	3
15A81A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	31	3
15A81A0306	RT41035	MEMS	27	56	3
15A81A0306	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	44	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0306	RT4103L	SIMULATION LAB	18	43	2
15A81A0306	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0307	RT41031	AUTOMOBILE ENGINEERING	11	14	0
15A81A0307	RT41032	CAD / CAM	14	9	0
15A81A0307	RT41033	FINITE ELEMENT METHODS	11	0	0
15A81A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	27	3
15A81A0307	RT41035	MEMS	15	14	0
15A81A0307	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	19	27	3
15A81A0307	RT4103L	SIMULATION LAB	18	38	2
15A81A0307	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0308	RT41031	AUTOMOBILE ENGINEERING	21	16	0
15A81A0308	RT41032	CAD / CAM	19	27	3
15A81A0308	RT41033	FINITE ELEMENT METHODS	20	26	3
15A81A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	30	3
15A81A0308	RT41035	MEMS	22	35	3
15A81A0308	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	33	3
15A81A0308	RT4103L	SIMULATION LAB	20	39	2
15A81A0308	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0309	RT41031	AUTOMOBILE ENGINEERING	25	24	3
15A81A0309	RT41032	CAD / CAM	18	16	0
15A81A0309	RT41033	FINITE ELEMENT METHODS	22	11	0
15A81A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	9	0
15A81A0309	RT41035	MEMS	22	31	3
15A81A0309	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	35	3
15A81A0309	RT4103L	SIMULATION LAB	22	38	2
15A81A0309	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0310	RT41031	AUTOMOBILE ENGINEERING	17	15	0
15A81A0310	RT41032	CAD / CAM	12	19	0
15A81A0310	RT41033	FINITE ELEMENT METHODS	9	0	0
15A81A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	31	3
15A81A0310	RT41035	MEMS	16	28	3
15A81A0310	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	19	4	0
15A81A0310	RT4103L	SIMULATION LAB	20	34	2
15A81A0310	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A0311	RT41031	AUTOMOBILE ENGINEERING	19	7	0
15A81A0311	RT41032	CAD / CAM	22	15	0
15A81A0311	RT41033	FINITE ELEMENT METHODS	16	0	0
15A81A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	16	0
15A81A0311	RT41035	MEMS	19	15	0
15A81A0311	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	24	3
15A81A0311	RT4103L	SIMULATION LAB	21	39	2
15A81A0311	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0312	RT41031	AUTOMOBILE ENGINEERING	12	14	0
15A81A0312	RT41032	CAD / CAM	25	17	0
15A81A0312	RT41033	FINITE ELEMENT METHODS	17	24	3
15A81A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	5	12	0
15A81A0312	RT41035	MEMS	17	25	3
15A81A0312	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	18	30	3
15A81A0312	RT4103L	SIMULATION LAB	19	38	2
15A81A0312	RT4103M	DESIGN FABRICATION PROJECT	38	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A0313	RT41031	AUTOMOBILE ENGINEERING	20	24	3
15A81A0313	RT41032	CAD / CAM	21	31	3
15A81A0313	RT41033	FINITE ELEMENT METHODS	17	14	0
15A81A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	13	0
15A81A0313	RT41035	MEMS	18	32	3
15A81A0313	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	47	3
15A81A0313	RT4103L	SIMULATION LAB	22	42	2
15A81A0313	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0314	RT41031	AUTOMOBILE ENGINEERING	26	40	3
15A81A0314	RT41032	CAD / CAM	25	31	3
15A81A0314	RT41033	FINITE ELEMENT METHODS	20	32	3
15A81A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
15A81A0314	RT41035	MEMS	26	36	3
15A81A0314	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	56	3
15A81A0314	RT4103L	SIMULATION LAB	22	43	2
15A81A0314	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0315	RT41031	AUTOMOBILE ENGINEERING	30	34	3
15A81A0315	RT41032	CAD / CAM	24	49	3
15A81A0315	RT41033	FINITE ELEMENT METHODS	24	32	3
15A81A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	36	3
15A81A0315	RT41035	MEMS	20	48	3
15A81A0315	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	56	3
15A81A0315	RT4103L	SIMULATION LAB	21	40	2
15A81A0315	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0316	RT41031	AUTOMOBILE ENGINEERING	20	32	3
15A81A0316	RT41032	CAD / CAM	24	45	3
15A81A0316	RT41033	FINITE ELEMENT METHODS	25	50	3
15A81A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	42	3
15A81A0316	RT41035	MEMS	26	62	3
15A81A0316	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	57	3
15A81A0316	RT4103L	SIMULATION LAB	22	41	2
15A81A0316	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0317	RT41031	AUTOMOBILE ENGINEERING	19	29	3
15A81A0317	RT41032	CAD / CAM	19	32	3
15A81A0317	RT41033	FINITE ELEMENT METHODS	13	17	0
15A81A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	13	17	0
15A81A0317	RT41035	MEMS	19	26	3
15A81A0317	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	15	28	3
15A81A0317	RT4103L	SIMULATION LAB	20	40	2
15A81A0317	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0318	RT41031	AUTOMOBILE ENGINEERING	18	12	0
15A81A0318	RT41032	CAD / CAM	22	24	3
15A81A0318	RT41033	FINITE ELEMENT METHODS	15	9	0
15A81A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	29	3
15A81A0318	RT41035	MEMS	15	31	3
15A81A0318	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	26	3
15A81A0318	RT4103L	SIMULATION LAB	19	36	2
15A81A0318	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0319	RT41031	AUTOMOBILE ENGINEERING	28	33	3
15A81A0319	RT41032	CAD / CAM	22	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0319	RT41033	FINITE ELEMENT METHODS	22	17	0
15A81A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	38	3
15A81A0319	RT41035	MEMS	14	48	3
15A81A0319	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	44	3
15A81A0319	RT4103L	SIMULATION LAB	20	38	2
15A81A0319	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0320	RT41031	AUTOMOBILE ENGINEERING	30	43	3
15A81A0320	RT41032	CAD / CAM	23	51	3
15A81A0320	RT41033	FINITE ELEMENT METHODS	27	54	3
15A81A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	41	3
15A81A0320	RT41035	MEMS	26	51	3
15A81A0320	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	58	3
15A81A0320	RT4103L	SIMULATION LAB	21	40	2
15A81A0320	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0321	RT41031	AUTOMOBILE ENGINEERING	20	27	3
15A81A0321	RT41032	CAD / CAM	19	3	0
15A81A0321	RT41033	FINITE ELEMENT METHODS	19	9	0
15A81A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	24	3
15A81A0321	RT41035	MEMS	14	30	3
15A81A0321	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	18	26	3
15A81A0321	RT4103L	SIMULATION LAB	18	38	2
15A81A0321	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0322	RT41031	AUTOMOBILE ENGINEERING	26	26	3
15A81A0322	RT41032	CAD / CAM	20	14	0
15A81A0322	RT41033	FINITE ELEMENT METHODS	20	16	0
15A81A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	11	0
15A81A0322	RT41035	MEMS	19	24	3
15A81A0322	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	17	32	3
15A81A0322	RT4103L	SIMULATION LAB	20	38	2
15A81A0322	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0323	RT41031	AUTOMOBILE ENGINEERING	24	36	3
15A81A0323	RT41032	CAD / CAM	22	52	3
15A81A0323	RT41033	FINITE ELEMENT METHODS	22	15	0
15A81A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	36	3
15A81A0323	RT41035	MEMS	18	39	3
15A81A0323	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	52	3
15A81A0323	RT4103L	SIMULATION LAB	20	37	2
15A81A0323	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0324	RT41031	AUTOMOBILE ENGINEERING	19	36	3
15A81A0324	RT41032	CAD / CAM	26	42	3
15A81A0324	RT41033	FINITE ELEMENT METHODS	22	41	3
15A81A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	30	3
15A81A0324	RT41035	MEMS	26	45	3
15A81A0324	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	54	3
15A81A0324	RT4103L	SIMULATION LAB	25	46	2
15A81A0324	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0325	RT41031	AUTOMOBILE ENGINEERING	24	25	3
15A81A0325	RT41032	CAD / CAM	21	0	0
15A81A0325	RT41033	FINITE ELEMENT METHODS	18	9	0
15A81A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	13	11	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0325	RT41035	MEMS	20	17	0
15A81A0325	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	17	29	3
15A81A0325	RT4103L	SIMULATION LAB	18	36	2
15A81A0325	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0326	RT41031	AUTOMOBILE ENGINEERING	19	41	3
15A81A0326	RT41032	CAD / CAM	27	34	3
15A81A0326	RT41033	FINITE ELEMENT METHODS	22	24	3
15A81A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
15A81A0326	RT41035	MEMS	24	34	3
15A81A0326	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	55	3
15A81A0326	RT4103L	SIMULATION LAB	18	40	2
15A81A0326	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0327	RT41031	AUTOMOBILE ENGINEERING	28	45	3
15A81A0327	RT41032	CAD / CAM	26	43	3
15A81A0327	RT41033	FINITE ELEMENT METHODS	24	24	3
15A81A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	34	3
15A81A0327	RT41035	MEMS	25	50	3
15A81A0327	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	55	3
15A81A0327	RT4103L	SIMULATION LAB	22	41	2
15A81A0327	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0328	RT41031	AUTOMOBILE ENGINEERING	23	37	3
15A81A0328	RT41032	CAD / CAM	25	36	3
15A81A0328	RT41033	FINITE ELEMENT METHODS	27	51	3
15A81A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	32	3
15A81A0328	RT41035	MEMS	25	46	3
15A81A0328	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	48	3
15A81A0328	RT4103L	SIMULATION LAB	18	44	2
15A81A0328	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0329	RT41031	AUTOMOBILE ENGINEERING	14	48	3
15A81A0329	RT41032	CAD / CAM	23	41	3
15A81A0329	RT41033	FINITE ELEMENT METHODS	26	25	3
15A81A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	35	3
15A81A0329	RT41035	MEMS	23	47	3
15A81A0329	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	43	3
15A81A0329	RT4103L	SIMULATION LAB	20	40	2
15A81A0329	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0330	RT41031	AUTOMOBILE ENGINEERING	30	41	3
15A81A0330	RT41032	CAD / CAM	27	42	3
15A81A0330	RT41033	FINITE ELEMENT METHODS	25	57	3
15A81A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	40	3
15A81A0330	RT41035	MEMS	28	44	3
15A81A0330	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	59	3
15A81A0330	RT4103L	SIMULATION LAB	24	39	2
15A81A0330	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0332	RT41031	AUTOMOBILE ENGINEERING	19	33	3
15A81A0332	RT41032	CAD / CAM	24	34	3
15A81A0332	RT41033	FINITE ELEMENT METHODS	18	14	0
15A81A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	28	3
15A81A0332	RT41035	MEMS	19	36	3
15A81A0332	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	17	35	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0332	RT4103L	SIMULATION LAB	19	37	2
15A81A0332	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0333	RT41031	AUTOMOBILE ENGINEERING	23	32	3
15A81A0333	RT41032	CAD / CAM	26	29	3
15A81A0333	RT41033	FINITE ELEMENT METHODS	20	35	3
15A81A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	24	3
15A81A0333	RT41035	MEMS	24	35	3
15A81A0333	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	54	3
15A81A0333	RT4103L	SIMULATION LAB	21	44	2
15A81A0333	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0334	RT41031	AUTOMOBILE ENGINEERING	24	52	3
15A81A0334	RT41032	CAD / CAM	26	46	3
15A81A0334	RT41033	FINITE ELEMENT METHODS	23	42	3
15A81A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	42	3
15A81A0334	RT41035	MEMS	21	48	3
15A81A0334	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	45	3
15A81A0334	RT4103L	SIMULATION LAB	22	41	2
15A81A0334	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0335	RT41031	AUTOMOBILE ENGINEERING	26	30	3
15A81A0335	RT41032	CAD / CAM	25	37	3
15A81A0335	RT41033	FINITE ELEMENT METHODS	24	46	3
15A81A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	33	3
15A81A0335	RT41035	MEMS	18	47	3
15A81A0335	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	51	3
15A81A0335	RT4103L	SIMULATION LAB	21	39	2
15A81A0335	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0336	RT41031	AUTOMOBILE ENGINEERING	17	40	3
15A81A0336	RT41032	CAD / CAM	27	38	3
15A81A0336	RT41033	FINITE ELEMENT METHODS	19	16	0
15A81A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	13	34	3
15A81A0336	RT41035	MEMS	19	25	3
15A81A0336	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	31	3
15A81A0336	RT4103L	SIMULATION LAB	19	40	2
15A81A0336	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0338	RT41031	AUTOMOBILE ENGINEERING	23	14	0
15A81A0338	RT41032	CAD / CAM	20	36	3
15A81A0338	RT41033	FINITE ELEMENT METHODS	18	15	0
15A81A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	29	3
15A81A0338	RT41035	MEMS	16	40	3
15A81A0338	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	46	3
15A81A0338	RT4103L	SIMULATION LAB	18	38	2
15A81A0338	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0339	RT41031	AUTOMOBILE ENGINEERING	25	50	3
15A81A0339	RT41032	CAD / CAM	25	39	3
15A81A0339	RT41033	FINITE ELEMENT METHODS	22	24	3
15A81A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	29	3
15A81A0339	RT41035	MEMS	19	34	3
15A81A0339	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	51	3
15A81A0339	RT4103L	SIMULATION LAB	24	43	2
15A81A0339	RT4103M	DESIGN FABRICATION PROJECT	43	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A0340	RT41031	AUTOMOBILE ENGINEERING	26	35	3
15A81A0340	RT41032	CAD / CAM	26	32	3
15A81A0340	RT41033	FINITE ELEMENT METHODS	26	36	3
15A81A0340	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	38	3
15A81A0340	RT41035	MEMS	28	53	3
15A81A0340	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	55	3
15A81A0340	RT4103L	SIMULATION LAB	25	45	2
15A81A0340	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A81A0342	RT41031	AUTOMOBILE ENGINEERING	28	44	3
15A81A0342	RT41032	CAD / CAM	23	58	3
15A81A0342	RT41033	FINITE ELEMENT METHODS	25	24	3
15A81A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	43	3
15A81A0342	RT41035	MEMS	25	47	3
15A81A0342	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	59	3
15A81A0342	RT4103L	SIMULATION LAB	22	40	2
15A81A0342	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0343	RT41031	AUTOMOBILE ENGINEERING	25	33	3
15A81A0343	RT41032	CAD / CAM	27	41	3
15A81A0343	RT41033	FINITE ELEMENT METHODS	25	55	3
15A81A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	42	3
15A81A0343	RT41035	MEMS	27	36	3
15A81A0343	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	50	3
15A81A0343	RT4103L	SIMULATION LAB	21	42	2
15A81A0343	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0344	RT41031	AUTOMOBILE ENGINEERING	19	29	3
15A81A0344	RT41032	CAD / CAM	22	27	3
15A81A0344	RT41033	FINITE ELEMENT METHODS	24	24	3
15A81A0344	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	32	3
15A81A0344	RT41035	MEMS	27	33	3
15A81A0344	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	45	3
15A81A0344	RT4103L	SIMULATION LAB	21	38	2
15A81A0344	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0345	RT41031	AUTOMOBILE ENGINEERING	29	39	3
15A81A0345	RT41032	CAD / CAM	19	32	3
15A81A0345	RT41033	FINITE ELEMENT METHODS	25	36	3
15A81A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	31	3
15A81A0345	RT41035	MEMS	22	37	3
15A81A0345	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	47	3
15A81A0345	RT4103L	SIMULATION LAB	21	40	2
15A81A0345	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0346	RT41031	AUTOMOBILE ENGINEERING	27	45	3
15A81A0346	RT41032	CAD / CAM	25	36	3
15A81A0346	RT41033	FINITE ELEMENT METHODS	21	15	0
15A81A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	40	3
15A81A0346	RT41035	MEMS	19	42	3
15A81A0346	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	33	3
15A81A0346	RT4103L	SIMULATION LAB	21	41	2
15A81A0346	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0347	RT41031	AUTOMOBILE ENGINEERING	23	41	3
15A81A0347	RT41032	CAD / CAM	20	48	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0347	RT41033	FINITE ELEMENT METHODS	25	52	3
15A81A0347	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	37	3
15A81A0347	RT41035	MEMS	21	48	3
15A81A0347	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	57	3
15A81A0347	RT4103L	SIMULATION LAB	19	-1	0
15A81A0347	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0348	RT41031	AUTOMOBILE ENGINEERING	26	49	3
15A81A0348	RT41032	CAD / CAM	23	38	3
15A81A0348	RT41033	FINITE ELEMENT METHODS	21	34	3
15A81A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	33	3
15A81A0348	RT41035	MEMS	21	33	3
15A81A0348	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	24	3
15A81A0348	RT4103L	SIMULATION LAB	21	40	2
15A81A0348	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0349	RT41031	AUTOMOBILE ENGINEERING	29	46	3
15A81A0349	RT41032	CAD / CAM	21	39	3
15A81A0349	RT41033	FINITE ELEMENT METHODS	24	13	0
15A81A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	36	3
15A81A0349	RT41035	MEMS	20	39	3
15A81A0349	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	55	3
15A81A0349	RT4103L	SIMULATION LAB	19	40	2
15A81A0349	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0351	RT41031	AUTOMOBILE ENGINEERING	28	24	3
15A81A0351	RT41032	CAD / CAM	22	27	3
15A81A0351	RT41033	FINITE ELEMENT METHODS	23	8	0
15A81A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	39	3
15A81A0351	RT41035	MEMS	15	35	3
15A81A0351	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	42	3
15A81A0351	RT4103L	SIMULATION LAB	22	42	2
15A81A0351	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15A81A0353	RT41031	AUTOMOBILE ENGINEERING	29	56	3
15A81A0353	RT41032	CAD / CAM	21	46	3
15A81A0353	RT41033	FINITE ELEMENT METHODS	21	35	3
15A81A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	37	3
15A81A0353	RT41035	MEMS	23	49	3
15A81A0353	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	43	3
15A81A0353	RT4103L	SIMULATION LAB	22	42	2
15A81A0353	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0355	RT41031	AUTOMOBILE ENGINEERING	29	55	3
15A81A0355	RT41032	CAD / CAM	19	44	3
15A81A0355	RT41033	FINITE ELEMENT METHODS	24	12	0
15A81A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	27	3
15A81A0355	RT41035	MEMS	24	38	3
15A81A0355	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	39	3
15A81A0355	RT4103L	SIMULATION LAB	22	41	2
15A81A0355	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0356	RT41031	AUTOMOBILE ENGINEERING	29	46	3
15A81A0356	RT41032	CAD / CAM	26	33	3
15A81A0356	RT41033	FINITE ELEMENT METHODS	23	29	3
15A81A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0356	RT41035	MEMS	24	56	3
15A81A0356	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	37	3
15A81A0356	RT4103L	SIMULATION LAB	23	40	2
15A81A0356	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0358	RT41031	AUTOMOBILE ENGINEERING	26	44	3
15A81A0358	RT41032	CAD / CAM	21	37	3
15A81A0358	RT41033	FINITE ELEMENT METHODS	24	17	0
15A81A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	41	3
15A81A0358	RT41035	MEMS	20	42	3
15A81A0358	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	40	3
15A81A0358	RT4103L	SIMULATION LAB	21	39	2
15A81A0358	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0360	RT41031	AUTOMOBILE ENGINEERING	25	43	3
15A81A0360	RT41032	CAD / CAM	24	47	3
15A81A0360	RT41033	FINITE ELEMENT METHODS	24	44	3
15A81A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	35	3
15A81A0360	RT41035	MEMS	26	48	3
15A81A0360	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	41	3
15A81A0360	RT4103L	SIMULATION LAB	22	40	2
15A81A0360	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0362	RT41031	AUTOMOBILE ENGINEERING	29	48	3
15A81A0362	RT41032	CAD / CAM	21	36	3
15A81A0362	RT41033	FINITE ELEMENT METHODS	19	24	3
15A81A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	33	3
15A81A0362	RT41035	MEMS	22	33	3
15A81A0362	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	26	3
15A81A0362	RT4103L	SIMULATION LAB	19	39	2
15A81A0362	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A81A0363	RT41031	AUTOMOBILE ENGINEERING	18	29	3
15A81A0363	RT41032	CAD / CAM	18	25	3
15A81A0363	RT41033	FINITE ELEMENT METHODS	16	0	0
15A81A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	35	3
15A81A0363	RT41035	MEMS	24	38	3
15A81A0363	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	24	3
15A81A0363	RT4103L	SIMULATION LAB	24	38	2
15A81A0363	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0365	RT41031	AUTOMOBILE ENGINEERING	26	63	3
15A81A0365	RT41032	CAD / CAM	22	31	3
15A81A0365	RT41033	FINITE ELEMENT METHODS	13	27	3
15A81A0365	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	37	3
15A81A0365	RT41035	MEMS	19	47	3
15A81A0365	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	37	3
15A81A0365	RT4103L	SIMULATION LAB	19	40	2
15A81A0365	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0369	RT41031	AUTOMOBILE ENGINEERING	27	38	3
15A81A0369	RT41032	CAD / CAM	23	42	3
15A81A0369	RT41033	FINITE ELEMENT METHODS	23	17	0
15A81A0369	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
15A81A0369	RT41035	MEMS	23	38	3
15A81A0369	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	41	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0369	RT4103L	SIMULATION LAB	21	44	2
15A81A0369	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0370	RT41031	AUTOMOBILE ENGINEERING	27	41	3
15A81A0370	RT41032	CAD / CAM	21	35	3
15A81A0370	RT41033	FINITE ELEMENT METHODS	14	28	3
15A81A0370	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	33	3
15A81A0370	RT41035	MEMS	18	40	3
15A81A0370	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	33	3
15A81A0370	RT4103L	SIMULATION LAB	23	43	2
15A81A0370	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0373	RT41031	AUTOMOBILE ENGINEERING	26	43	3
15A81A0373	RT41032	CAD / CAM	23	39	3
15A81A0373	RT41033	FINITE ELEMENT METHODS	27	34	3
15A81A0373	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	44	3
15A81A0373	RT41035	MEMS	25	40	3
15A81A0373	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	42	3
15A81A0373	RT4103L	SIMULATION LAB	25	46	2
15A81A0373	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A0374	RT41031	AUTOMOBILE ENGINEERING	20	11	0
15A81A0374	RT41032	CAD / CAM	18	9	0
15A81A0374	RT41033	FINITE ELEMENT METHODS	17	0	0
15A81A0374	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	10	0
15A81A0374	RT41035	MEMS	15	16	0
15A81A0374	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	16	0
15A81A0374	RT4103L	SIMULATION LAB	12	28	2
15A81A0374	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0375	RT41031	AUTOMOBILE ENGINEERING	28	16	0
15A81A0375	RT41032	CAD / CAM	22	36	3
15A81A0375	RT41033	FINITE ELEMENT METHODS	20	7	0
15A81A0375	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	32	3
15A81A0375	RT41035	MEMS	25	48	3
15A81A0375	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	24	3
15A81A0375	RT4103L	SIMULATION LAB	19	48	2
15A81A0375	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A0377	RT41031	AUTOMOBILE ENGINEERING	29	41	3
15A81A0377	RT41032	CAD / CAM	22	29	3
15A81A0377	RT41033	FINITE ELEMENT METHODS	19	15	0
15A81A0377	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	33	3
15A81A0377	RT41035	MEMS	17	40	3
15A81A0377	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	24	3
15A81A0377	RT4103L	SIMULATION LAB	22	38	2
15A81A0377	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0378	RT41031	AUTOMOBILE ENGINEERING	14	34	3
15A81A0378	RT41032	CAD / CAM	17	36	3
15A81A0378	RT41033	FINITE ELEMENT METHODS	21	48	3
15A81A0378	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	36	3
15A81A0378	RT41035	MEMS	24	58	3
15A81A0378	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	49	3
15A81A0378	RT4103L	SIMULATION LAB	19	43	2
15A81A0378	RT4103M	DESIGN FABRICATION PROJECT	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A0380	RT41031	AUTOMOBILE ENGINEERING	24	53	3
15A81A0380	RT41032	CAD / CAM	21	54	3
15A81A0380	RT41033	FINITE ELEMENT METHODS	22	31	3
15A81A0380	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	42	3
15A81A0380	RT41035	MEMS	24	56	3
15A81A0380	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	32	3
15A81A0380	RT4103L	SIMULATION LAB	17	39	2
15A81A0380	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A0381	RT41031	AUTOMOBILE ENGINEERING	30	40	3
15A81A0381	RT41032	CAD / CAM	19	49	3
15A81A0381	RT41033	FINITE ELEMENT METHODS	19	43	3
15A81A0381	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
15A81A0381	RT41035	MEMS	21	41	3
15A81A0381	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	54	3
15A81A0381	RT4103L	SIMULATION LAB	23	46	2
15A81A0381	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0382	RT41031	AUTOMOBILE ENGINEERING	26	39	3
15A81A0382	RT41032	CAD / CAM	20	26	3
15A81A0382	RT41033	FINITE ELEMENT METHODS	20	39	3
15A81A0382	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	24	3
15A81A0382	RT41035	MEMS	17	33	3
15A81A0382	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	24	3
15A81A0382	RT4103L	SIMULATION LAB	21	46	2
15A81A0382	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A0383	RT41031	AUTOMOBILE ENGINEERING	27	28	3
15A81A0383	RT41032	CAD / CAM	16	11	0
15A81A0383	RT41033	FINITE ELEMENT METHODS	14	0	0
15A81A0383	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	18	0
15A81A0383	RT41035	MEMS	13	14	0
15A81A0383	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	24	3
15A81A0383	RT4103L	SIMULATION LAB	15	38	2
15A81A0383	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A81A0384	RT41031	AUTOMOBILE ENGINEERING	26	49	3
15A81A0384	RT41032	CAD / CAM	22	36	3
15A81A0384	RT41033	FINITE ELEMENT METHODS	22	14	0
15A81A0384	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3
15A81A0384	RT41035	MEMS	19	36	3
15A81A0384	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	54	3
15A81A0384	RT4103L	SIMULATION LAB	18	25	2
15A81A0384	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A81A0385	RT41031	AUTOMOBILE ENGINEERING	29	28	3
15A81A0385	RT41032	CAD / CAM	16	26	3
15A81A0385	RT41033	FINITE ELEMENT METHODS	19	31	3
15A81A0385	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	31	3
15A81A0385	RT41035	MEMS	20	4	0
15A81A0385	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	25	3
15A81A0385	RT4103L	SIMULATION LAB	22	40	2
15A81A0385	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0386	RT41031	AUTOMOBILE ENGINEERING	27	59	3
15A81A0386	RT41032	CAD / CAM	25	58	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0386	RT41033	FINITE ELEMENT METHODS	26	41	3
15A81A0386	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	41	3
15A81A0386	RT41035	MEMS	27	44	3
15A81A0386	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	44	3
15A81A0386	RT4103L	SIMULATION LAB	25	48	2
15A81A0386	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0389	RT41031	AUTOMOBILE ENGINEERING	29	24	3
15A81A0389	RT41032	CAD / CAM	22	24	3
15A81A0389	RT41033	FINITE ELEMENT METHODS	21	17	0
15A81A0389	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	24	3
15A81A0389	RT41035	MEMS	21	42	3
15A81A0389	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	34	3
15A81A0389	RT4103L	SIMULATION LAB	25	48	2
15A81A0389	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A81A0391	RT41031	AUTOMOBILE ENGINEERING	29	35	3
15A81A0391	RT41032	CAD / CAM	22	46	3
15A81A0391	RT41033	FINITE ELEMENT METHODS	24	24	3
15A81A0391	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	40	3
15A81A0391	RT41035	MEMS	22	46	3
15A81A0391	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	43	3
15A81A0391	RT4103L	SIMULATION LAB	24	46	2
15A81A0391	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0392	RT41031	AUTOMOBILE ENGINEERING	27	64	3
15A81A0392	RT41032	CAD / CAM	25	47	3
15A81A0392	RT41033	FINITE ELEMENT METHODS	25	39	3
15A81A0392	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	34	3
15A81A0392	RT41035	MEMS	27	55	3
15A81A0392	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	54	3
15A81A0392	RT4103L	SIMULATION LAB	25	45	2
15A81A0392	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0393	RT41031	AUTOMOBILE ENGINEERING	30	27	3
15A81A0393	RT41032	CAD / CAM	22	29	3
15A81A0393	RT41033	FINITE ELEMENT METHODS	26	17	0
15A81A0393	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	14	0
15A81A0393	RT41035	MEMS	20	13	0
15A81A0393	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	24	3
15A81A0393	RT4103L	SIMULATION LAB	24	47	2
15A81A0393	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A0394	RT41031	AUTOMOBILE ENGINEERING	30	43	3
15A81A0394	RT41032	CAD / CAM	21	38	3
15A81A0394	RT41033	FINITE ELEMENT METHODS	28	41	3
15A81A0394	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	50	3
15A81A0394	RT41035	MEMS	27	45	3
15A81A0394	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	50	3
15A81A0394	RT4103L	SIMULATION LAB	22	46	2
15A81A0394	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15A81A0395	RT41031	AUTOMOBILE ENGINEERING	26	24	3
15A81A0395	RT41032	CAD / CAM	16	36	3
15A81A0395	RT41033	FINITE ELEMENT METHODS	11	11	0
15A81A0395	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0395	RT41035	MEMS	19	32	3
15A81A0395	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	25	3
15A81A0395	RT4103L	SIMULATION LAB	21	41	2
15A81A0395	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15A81A0396	RT41031	AUTOMOBILE ENGINEERING	29	47	3
15A81A0396	RT41032	CAD / CAM	23	50	3
15A81A0396	RT41033	FINITE ELEMENT METHODS	25	52	3
15A81A0396	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	37	3
15A81A0396	RT41035	MEMS	25	51	3
15A81A0396	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	44	3
15A81A0396	RT4103L	SIMULATION LAB	22	46	2
15A81A0396	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A0397	RT41031	AUTOMOBILE ENGINEERING	30	46	3
15A81A0397	RT41032	CAD / CAM	24	48	3
15A81A0397	RT41033	FINITE ELEMENT METHODS	24	42	3
15A81A0397	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	40	3
15A81A0397	RT41035	MEMS	21	33	3
15A81A0397	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	51	3
15A81A0397	RT4103L	SIMULATION LAB	22	45	2
15A81A0397	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15A81A0398	RT41031	AUTOMOBILE ENGINEERING	30	47	3
15A81A0398	RT41032	CAD / CAM	28	39	3
15A81A0398	RT41033	FINITE ELEMENT METHODS	27	52	3
15A81A0398	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	33	3
15A81A0398	RT41035	MEMS	25	38	3
15A81A0398	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	67	3
15A81A0398	RT4103L	SIMULATION LAB	25	47	2
15A81A0398	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A0399	RT41031	AUTOMOBILE ENGINEERING	30	36	3
15A81A0399	RT41032	CAD / CAM	23	52	3
15A81A0399	RT41033	FINITE ELEMENT METHODS	23	30	3
15A81A0399	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	36	3
15A81A0399	RT41035	MEMS	18	50	3
15A81A0399	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	45	3
15A81A0399	RT4103L	SIMULATION LAB	23	38	2
15A81A0399	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A03A0	RT41031	AUTOMOBILE ENGINEERING	28	49	3
15A81A03A0	RT41032	CAD / CAM	28	38	3
15A81A03A0	RT41033	FINITE ELEMENT METHODS	27	58	3
15A81A03A0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	41	3
15A81A03A0	RT41035	MEMS	26	53	3
15A81A03A0	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	57	3
15A81A03A0	RT4103L	SIMULATION LAB	25	48	2
15A81A03A0	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15A81A03A1	RT41031	AUTOMOBILE ENGINEERING	27	42	3
15A81A03A1	RT41032	CAD / CAM	21	37	3
15A81A03A1	RT41033	FINITE ELEMENT METHODS	19	45	3
15A81A03A1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	36	3
15A81A03A1	RT41035	MEMS	20	27	3
15A81A03A1	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	47	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A03A1	RT4103L	SIMULATION LAB	23	40	2
15A81A03A1	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15A81A03A2	RT41031	AUTOMOBILE ENGINEERING	26	31	3
15A81A03A2	RT41032	CAD / CAM	17	26	3
15A81A03A2	RT41033	FINITE ELEMENT METHODS	24	30	3
15A81A03A2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	31	3
15A81A03A2	RT41035	MEMS	25	46	3
15A81A03A2	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	50	3
15A81A03A2	RT4103L	SIMULATION LAB	21	48	2
15A81A03A2	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A03A3	RT41031	AUTOMOBILE ENGINEERING	25	25	3
15A81A03A3	RT41032	CAD / CAM	17	27	3
15A81A03A3	RT41033	FINITE ELEMENT METHODS	17	8	0
15A81A03A3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	28	3
15A81A03A3	RT41035	MEMS	20	24	3
15A81A03A3	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	32	3
15A81A03A3	RT4103L	SIMULATION LAB	23	40	2
15A81A03A3	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15A81A03A4	RT41031	AUTOMOBILE ENGINEERING	30	35	3
15A81A03A4	RT41032	CAD / CAM	19	37	3
15A81A03A4	RT41033	FINITE ELEMENT METHODS	24	43	3
15A81A03A4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	32	3
15A81A03A4	RT41035	MEMS	26	43	3
15A81A03A4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	32	3
15A81A03A4	RT4103L	SIMULATION LAB	19	43	2
15A81A03A4	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A03A5	RT41031	AUTOMOBILE ENGINEERING	29	24	3
15A81A03A5	RT41032	CAD / CAM	14	5	0
15A81A03A5	RT41033	FINITE ELEMENT METHODS	17	9	0
15A81A03A5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	35	3
15A81A03A5	RT41035	MEMS	21	3	0
15A81A03A5	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	35	3
15A81A03A5	RT4103L	SIMULATION LAB	20	35	2
15A81A03A5	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A03A6	RT41031	AUTOMOBILE ENGINEERING	26	42	3
15A81A03A6	RT41032	CAD / CAM	24	27	3
15A81A03A6	RT41033	FINITE ELEMENT METHODS	23	39	3
15A81A03A6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	33	3
15A81A03A6	RT41035	MEMS	21	43	3
15A81A03A6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	27	52	3
15A81A03A6	RT4103L	SIMULATION LAB	25	46	2
15A81A03A6	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A03A7	RT41031	AUTOMOBILE ENGINEERING	26	36	3
15A81A03A7	RT41032	CAD / CAM	19	38	3
15A81A03A7	RT41033	FINITE ELEMENT METHODS	14	31	3
15A81A03A7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	32	3
15A81A03A7	RT41035	MEMS	21	41	3
15A81A03A7	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	50	3
15A81A03A7	RT4103L	SIMULATION LAB	22	43	2
15A81A03A7	RT4103M	DESIGN FABRICATION PROJECT	40	0	1

Htno	Subcode	Subname	Internal	External	Credits
15A81A03A8	RT41031	AUTOMOBILE ENGINEERING	29	49	3
15A81A03A8	RT41032	CAD / CAM	28	62	3
15A81A03A8	RT41033	FINITE ELEMENT METHODS	28	55	3
15A81A03A8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	32	3
15A81A03A8	RT41035	MEMS	29	57	3
15A81A03A8	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	60	3
15A81A03A8	RT4103L	SIMULATION LAB	25	48	2
15A81A03A8	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15A81A03B1	RT41031	AUTOMOBILE ENGINEERING	30	47	3
15A81A03B1	RT41032	CAD / CAM	24	39	3
15A81A03B1	RT41033	FINITE ELEMENT METHODS	26	42	3
15A81A03B1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	44	3
15A81A03B1	RT41035	MEMS	29	41	3
15A81A03B1	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	54	3
15A81A03B1	RT4103L	SIMULATION LAB	22	45	2
15A81A03B1	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A03B2	RT41031	AUTOMOBILE ENGINEERING	21	46	3
15A81A03B2	RT41032	CAD / CAM	20	37	3
15A81A03B2	RT41033	FINITE ELEMENT METHODS	21	14	0
15A81A03B2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	31	3
15A81A03B2	RT41035	MEMS	28	38	3
15A81A03B2	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	55	3
15A81A03B2	RT4103L	SIMULATION LAB	20	38	2
15A81A03B2	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A03B3	RT41031	AUTOMOBILE ENGINEERING	26	33	3
15A81A03B3	RT41032	CAD / CAM	15	33	3
15A81A03B3	RT41033	FINITE ELEMENT METHODS	13	27	3
15A81A03B3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	34	3
15A81A03B3	RT41035	MEMS	17	40	3
15A81A03B3	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	39	3
15A81A03B3	RT4103L	SIMULATION LAB	13	35	2
15A81A03B3	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A03B4	RT41031	AUTOMOBILE ENGINEERING	27	31	3
15A81A03B4	RT41032	CAD / CAM	22	34	3
15A81A03B4	RT41033	FINITE ELEMENT METHODS	20	49	3
15A81A03B4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	37	3
15A81A03B4	RT41035	MEMS	19	44	3
15A81A03B4	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	52	3
15A81A03B4	RT4103L	SIMULATION LAB	24	46	2
15A81A03B4	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A03B5	RT41031	AUTOMOBILE ENGINEERING	30	49	3
15A81A03B5	RT41032	CAD / CAM	20	41	3
15A81A03B5	RT41033	FINITE ELEMENT METHODS	22	34	3
15A81A03B5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	43	3
15A81A03B5	RT41035	MEMS	25	39	3
15A81A03B5	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	47	3
15A81A03B5	RT4103L	SIMULATION LAB	22	38	2
15A81A03B5	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15A81A03B6	RT41031	AUTOMOBILE ENGINEERING	27	42	3
15A81A03B6	RT41032	CAD / CAM	18	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A03B6	RT41033	FINITE ELEMENT METHODS	15	0	0
15A81A03B6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	31	3
15A81A03B6	RT41035	MEMS	21	3	0
15A81A03B6	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	49	3
15A81A03B6	RT4103L	SIMULATION LAB	13	28	2
15A81A03B6	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A81A03B7	RT41031	AUTOMOBILE ENGINEERING	23	33	3
15A81A03B7	RT41032	CAD / CAM	22	34	3
15A81A03B7	RT41033	FINITE ELEMENT METHODS	20	25	3
15A81A03B7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15A81A03B7	RT41035	MEMS	22	37	3
15A81A03B7	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	26	55	3
15A81A03B7	RT4103L	SIMULATION LAB	24	44	2
15A81A03B7	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15A81A03B8	RT41031	AUTOMOBILE ENGINEERING	30	14	0
15A81A03B8	RT41032	CAD / CAM	15	35	3
15A81A03B8	RT41033	FINITE ELEMENT METHODS	19	30	3
15A81A03B8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	27	3
15A81A03B8	RT41035	MEMS	21	24	3
15A81A03B8	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	23	40	3
15A81A03B8	RT4103L	SIMULATION LAB	23	30	2
15A81A03B8	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15A81A03B9	RT41031	AUTOMOBILE ENGINEERING	30	37	3
15A81A03B9	RT41032	CAD / CAM	20	35	3
15A81A03B9	RT41033	FINITE ELEMENT METHODS	22	26	3
15A81A03B9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3
15A81A03B9	RT41035	MEMS	23	38	3
15A81A03B9	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	22	38	3
15A81A03B9	RT4103L	SIMULATION LAB	15	33	2
15A81A03B9	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
15A81A0401	RT41041	VLSI DESIGN	19	27	3
15A81A0401	RT41042	COMPUTER NETWORKS	23	28	3
15A81A0401	RT41043	DIGITAL IMAGE PROCESSING	26	41	3
15A81A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	24	3
15A81A0401	RT41048	RADAR SYSTEMS	23	30	3
15A81A0401	RT4104A	OPTICAL COMMUNICATION	21	26	3
15A81A0401	RT4104L	V L S I LAB	22	33	2
15A81A0401	RT4104M	MICROWAVE ENGINEERING LAB	22	35	2
15A81A0402	RT41041	VLSI DESIGN	18	26	3
15A81A0402	RT41042	COMPUTER NETWORKS	20	25	3
15A81A0402	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15A81A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	29	3
15A81A0402	RT41048	RADAR SYSTEMS	21	27	3
15A81A0402	RT4104A	OPTICAL COMMUNICATION	9	18	0
15A81A0402	RT4104L	V L S I LAB	12	22	2
15A81A0402	RT4104M	MICROWAVE ENGINEERING LAB	16	28	2
15A81A0403	RT41041	VLSI DESIGN	21	32	3
15A81A0403	RT41042	COMPUTER NETWORKS	18	29	3
15A81A0403	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
15A81A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0403	RT41048	RADAR SYSTEMS	24	31	3
15A81A0403	RT4104A	OPTICAL COMMUNICATION	21	43	3
15A81A0403	RT4104L	V L S I LAB	22	44	2
15A81A0403	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0404	RT41041	VLSI DESIGN	23	48	3
15A81A0404	RT41042	COMPUTER NETWORKS	27	29	3
15A81A0404	RT41043	DIGITAL IMAGE PROCESSING	23	27	3
15A81A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	41	3
15A81A0404	RT41048	RADAR SYSTEMS	23	24	3
15A81A0404	RT4104A	OPTICAL COMMUNICATION	27	32	3
15A81A0404	RT4104L	V L S I LAB	18	46	2
15A81A0404	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0405	RT41041	VLSI DESIGN	23	35	3
15A81A0405	RT41042	COMPUTER NETWORKS	22	40	3
15A81A0405	RT41043	DIGITAL IMAGE PROCESSING	27	39	3
15A81A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	25	3
15A81A0405	RT41048	RADAR SYSTEMS	24	37	3
15A81A0405	RT4104A	OPTICAL COMMUNICATION	30	29	3
15A81A0405	RT4104L	V L S I LAB	19	36	2
15A81A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0406	RT41041	VLSI DESIGN	17	9	0
15A81A0406	RT41042	COMPUTER NETWORKS	16	10	0
15A81A0406	RT41043	DIGITAL IMAGE PROCESSING	18	0	0
15A81A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	4	0
15A81A0406	RT41048	RADAR SYSTEMS	22	5	0
15A81A0406	RT4104A	OPTICAL COMMUNICATION	14	0	0
15A81A0406	RT4104L	V L S I LAB	10	22	2
15A81A0406	RT4104M	MICROWAVE ENGINEERING LAB	11	27	2
15A81A0407	RT41041	VLSI DESIGN	18	12	0
15A81A0407	RT41042	COMPUTER NETWORKS	22	29	3
15A81A0407	RT41043	DIGITAL IMAGE PROCESSING	18	29	3
15A81A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	33	3
15A81A0407	RT41048	RADAR SYSTEMS	23	31	3
15A81A0407	RT4104A	OPTICAL COMMUNICATION	22	27	3
15A81A0407	RT4104L	V L S I LAB	19	40	2
15A81A0407	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
15A81A0408	RT41041	VLSI DESIGN	22	49	3
15A81A0408	RT41042	COMPUTER NETWORKS	22	36	3
15A81A0408	RT41043	DIGITAL IMAGE PROCESSING	24	26	3
15A81A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A81A0408	RT41048	RADAR SYSTEMS	25	38	3
15A81A0408	RT4104A	OPTICAL COMMUNICATION	18	30	3
15A81A0408	RT4104L	V L S I LAB	20	44	2
15A81A0408	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A0409	RT41041	VLSI DESIGN	21	35	3
15A81A0409	RT41042	COMPUTER NETWORKS	22	29	3
15A81A0409	RT41043	DIGITAL IMAGE PROCESSING	23	40	3
15A81A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	27	3
15A81A0409	RT41048	RADAR SYSTEMS	27	38	3
15A81A0409	RT4104A	OPTICAL COMMUNICATION	28	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0409	RT4104L	V L S I LAB	21	43	2
15A81A0409	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15A81A0410	RT41041	VLSI DESIGN	21	38	3
15A81A0410	RT41042	COMPUTER NETWORKS	24	40	3
15A81A0410	RT41043	DIGITAL IMAGE PROCESSING	26	36	3
15A81A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	33	3
15A81A0410	RT41048	RADAR SYSTEMS	24	36	3
15A81A0410	RT4104A	OPTICAL COMMUNICATION	30	32	3
15A81A0410	RT4104L	V L S I LAB	22	43	2
15A81A0410	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15A81A0411	RT41041	VLSI DESIGN	25	29	3
15A81A0411	RT41042	COMPUTER NETWORKS	27	34	3
15A81A0411	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
15A81A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	43	3
15A81A0411	RT41048	RADAR SYSTEMS	22	27	3
15A81A0411	RT4104A	OPTICAL COMMUNICATION	26	58	3
15A81A0411	RT4104L	V L S I LAB	24	49	2
15A81A0411	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15A81A0412	RT41041	VLSI DESIGN	27	49	3
15A81A0412	RT41042	COMPUTER NETWORKS	27	43	3
15A81A0412	RT41043	DIGITAL IMAGE PROCESSING	29	35	3
15A81A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	48	3
15A81A0412	RT41048	RADAR SYSTEMS	29	51	3
15A81A0412	RT4104A	OPTICAL COMMUNICATION	30	60	3
15A81A0412	RT4104L	V L S I LAB	24	48	2
15A81A0412	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A0413	RT41041	VLSI DESIGN	20	29	3
15A81A0413	RT41042	COMPUTER NETWORKS	23	38	3
15A81A0413	RT41043	DIGITAL IMAGE PROCESSING	26	25	3
15A81A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	24	3
15A81A0413	RT41048	RADAR SYSTEMS	23	40	3
15A81A0413	RT4104A	OPTICAL COMMUNICATION	25	26	3
15A81A0413	RT4104L	V L S I LAB	21	44	2
15A81A0413	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A0414	RT41041	VLSI DESIGN	16	30	3
15A81A0414	RT41042	COMPUTER NETWORKS	21	41	3
15A81A0414	RT41043	DIGITAL IMAGE PROCESSING	19	3	0
15A81A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	29	3
15A81A0414	RT41048	RADAR SYSTEMS	27	27	3
15A81A0414	RT4104A	OPTICAL COMMUNICATION	25	17	0
15A81A0414	RT4104L	V L S I LAB	16	31	2
15A81A0414	RT4104M	MICROWAVE ENGINEERING LAB	17	30	2
15A81A0415	RT41041	VLSI DESIGN	15	11	0
15A81A0415	RT41042	COMPUTER NETWORKS	18	8	0
15A81A0415	RT41043	DIGITAL IMAGE PROCESSING	20	15	0
15A81A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	27	3
15A81A0415	RT41048	RADAR SYSTEMS	21	24	3
15A81A0415	RT4104A	OPTICAL COMMUNICATION	23	13	0
15A81A0415	RT4104L	V L S I LAB	21	42	2
15A81A0415	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0416	RT41041	VLSI DESIGN	25	63	3
15A81A0416	RT41042	COMPUTER NETWORKS	24	38	3
15A81A0416	RT41043	DIGITAL IMAGE PROCESSING	27	42	3
15A81A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	44	3
15A81A0416	RT41048	RADAR SYSTEMS	29	38	3
15A81A0416	RT4104A	OPTICAL COMMUNICATION	30	28	3
15A81A0416	RT4104L	V L S I LAB	24	46	2
15A81A0416	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0418	RT41041	VLSI DESIGN	25	46	3
15A81A0418	RT41042	COMPUTER NETWORKS	26	45	3
15A81A0418	RT41043	DIGITAL IMAGE PROCESSING	27	37	3
15A81A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	43	3
15A81A0418	RT41048	RADAR SYSTEMS	28	44	3
15A81A0418	RT4104A	OPTICAL COMMUNICATION	28	50	3
15A81A0418	RT4104L	V L S I LAB	24	46	2
15A81A0418	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A0419	RT41041	VLSI DESIGN	21	38	3
15A81A0419	RT41042	COMPUTER NETWORKS	20	41	3
15A81A0419	RT41043	DIGITAL IMAGE PROCESSING	19	33	3
15A81A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	30	3
15A81A0419	RT41048	RADAR SYSTEMS	24	29	3
15A81A0419	RT4104A	OPTICAL COMMUNICATION	27	32	3
15A81A0419	RT4104L	V L S I LAB	22	37	2
15A81A0419	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A0420	RT41041	VLSI DESIGN	18	3	0
15A81A0420	RT41042	COMPUTER NETWORKS	17	29	3
15A81A0420	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
15A81A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15A81A0420	RT41048	RADAR SYSTEMS	20	15	0
15A81A0420	RT4104A	OPTICAL COMMUNICATION	24	10	0
15A81A0420	RT4104L	V L S I LAB	19	30	2
15A81A0420	RT4104M	MICROWAVE ENGINEERING LAB	20	38	2
15A81A0421	RT41041	VLSI DESIGN	18	40	3
15A81A0421	RT41042	COMPUTER NETWORKS	24	37	3
15A81A0421	RT41043	DIGITAL IMAGE PROCESSING	21	24	3
15A81A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15A81A0421	RT41048	RADAR SYSTEMS	17	24	3
15A81A0421	RT4104A	OPTICAL COMMUNICATION	19	10	0
15A81A0421	RT4104L	V L S I LAB	18	35	2
15A81A0421	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15A81A0422	RT41041	VLSI DESIGN	21	32	3
15A81A0422	RT41042	COMPUTER NETWORKS	20	27	3
15A81A0422	RT41043	DIGITAL IMAGE PROCESSING	19	32	3
15A81A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	31	3
15A81A0422	RT41048	RADAR SYSTEMS	29	36	3
15A81A0422	RT4104A	OPTICAL COMMUNICATION	29	32	3
15A81A0422	RT4104L	V L S I LAB	21	31	2
15A81A0422	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15A81A0423	RT41041	VLSI DESIGN	21	48	3
15A81A0423	RT41042	COMPUTER NETWORKS	23	42	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0423	RT41043	DIGITAL IMAGE PROCESSING	23	37	3
15A81A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
15A81A0423	RT41048	RADAR SYSTEMS	24	26	3
15A81A0423	RT4104A	OPTICAL COMMUNICATION	27	24	3
15A81A0423	RT4104L	V L S I LAB	21	43	2
15A81A0423	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15A81A0424	RT41041	VLSI DESIGN	22	35	3
15A81A0424	RT41042	COMPUTER NETWORKS	27	53	3
15A81A0424	RT41043	DIGITAL IMAGE PROCESSING	26	34	3
15A81A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	42	3
15A81A0424	RT41048	RADAR SYSTEMS	24	44	3
15A81A0424	RT4104A	OPTICAL COMMUNICATION	27	48	3
15A81A0424	RT4104L	V L S I LAB	20	45	2
15A81A0424	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15A81A0425	RT41041	VLSI DESIGN	24	47	3
15A81A0425	RT41042	COMPUTER NETWORKS	24	38	3
15A81A0425	RT41043	DIGITAL IMAGE PROCESSING	27	16	0
15A81A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	41	3
15A81A0425	RT41048	RADAR SYSTEMS	25	38	3
15A81A0425	RT4104A	OPTICAL COMMUNICATION	27	39	3
15A81A0425	RT4104L	V L S I LAB	20	45	2
15A81A0425	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0427	RT41041	VLSI DESIGN	20	27	3
15A81A0427	RT41042	COMPUTER NETWORKS	23	32	3
15A81A0427	RT41043	DIGITAL IMAGE PROCESSING	20	39	3
15A81A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	26	3
15A81A0427	RT41048	RADAR SYSTEMS	25	25	3
15A81A0427	RT4104A	OPTICAL COMMUNICATION	26	29	3
15A81A0427	RT4104L	V L S I LAB	19	44	2
15A81A0427	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A0428	RT41041	VLSI DESIGN	21	53	3
15A81A0428	RT41042	COMPUTER NETWORKS	24	41	3
15A81A0428	RT41043	DIGITAL IMAGE PROCESSING	23	29	3
15A81A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	38	3
15A81A0428	RT41048	RADAR SYSTEMS	28	26	3
15A81A0428	RT4104A	OPTICAL COMMUNICATION	28	24	3
15A81A0428	RT4104L	V L S I LAB	23	43	2
15A81A0428	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0429	RT41041	VLSI DESIGN	22	28	3
15A81A0429	RT41042	COMPUTER NETWORKS	24	48	3
15A81A0429	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
15A81A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	36	3
15A81A0429	RT41048	RADAR SYSTEMS	26	34	3
15A81A0429	RT4104A	OPTICAL COMMUNICATION	26	34	3
15A81A0429	RT4104L	V L S I LAB	23	42	2
15A81A0429	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0430	RT41041	VLSI DESIGN	19	56	3
15A81A0430	RT41042	COMPUTER NETWORKS	21	38	3
15A81A0430	RT41043	DIGITAL IMAGE PROCESSING	20	11	0
15A81A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	33	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0430	RT41048	RADAR SYSTEMS	21	33	3
15A81A0430	RT4104A	OPTICAL COMMUNICATION	25	37	3
15A81A0430	RT4104L	V L S I LAB	21	38	2
15A81A0430	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0431	RT41041	VLSI DESIGN	18	25	3
15A81A0431	RT41042	COMPUTER NETWORKS	20	30	3
15A81A0431	RT41043	DIGITAL IMAGE PROCESSING	19	32	3
15A81A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	17	0
15A81A0431	RT41048	RADAR SYSTEMS	20	40	3
15A81A0431	RT4104A	OPTICAL COMMUNICATION	26	53	3
15A81A0431	RT4104L	V L S I LAB	21	36	2
15A81A0431	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15A81A0432	RT41041	VLSI DESIGN	17	24	3
15A81A0432	RT41042	COMPUTER NETWORKS	24	37	3
15A81A0432	RT41043	DIGITAL IMAGE PROCESSING	22	15	0
15A81A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	29	3
15A81A0432	RT41048	RADAR SYSTEMS	26	26	3
15A81A0432	RT4104A	OPTICAL COMMUNICATION	22	15	0
15A81A0432	RT4104L	V L S I LAB	21	37	2
15A81A0432	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A81A0435	RT41041	VLSI DESIGN	24	33	3
15A81A0435	RT41042	COMPUTER NETWORKS	23	53	3
15A81A0435	RT41043	DIGITAL IMAGE PROCESSING	22	38	3
15A81A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	38	3
15A81A0435	RT41048	RADAR SYSTEMS	26	46	3
15A81A0435	RT4104A	OPTICAL COMMUNICATION	28	44	3
15A81A0435	RT4104L	V L S I LAB	23	47	2
15A81A0435	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0436	RT41041	VLSI DESIGN	18	3	0
15A81A0436	RT41042	COMPUTER NETWORKS	22	31	3
15A81A0436	RT41043	DIGITAL IMAGE PROCESSING	20	10	0
15A81A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	14	0
15A81A0436	RT41048	RADAR SYSTEMS	27	32	3
15A81A0436	RT4104A	OPTICAL COMMUNICATION	25	28	3
15A81A0436	RT4104L	V L S I LAB	20	38	2
15A81A0436	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15A81A0437	RT41041	VLSI DESIGN	22	35	3
15A81A0437	RT41042	COMPUTER NETWORKS	24	29	3
15A81A0437	RT41043	DIGITAL IMAGE PROCESSING	24	46	3
15A81A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	26	3
15A81A0437	RT41048	RADAR SYSTEMS	24	32	3
15A81A0437	RT4104A	OPTICAL COMMUNICATION	26	30	3
15A81A0437	RT4104L	V L S I LAB	20	37	2
15A81A0437	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A0439	RT41041	VLSI DESIGN	17	27	3
15A81A0439	RT41042	COMPUTER NETWORKS	24	25	3
15A81A0439	RT41043	DIGITAL IMAGE PROCESSING	18	19	0
15A81A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	28	3
15A81A0439	RT41048	RADAR SYSTEMS	23	27	3
15A81A0439	RT4104A	OPTICAL COMMUNICATION	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0439	RT4104L	V L S I LAB	18	30	2
15A81A0439	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A81A0440	RT41041	VLSI DESIGN	25	33	3
15A81A0440	RT41042	COMPUTER NETWORKS	24	51	3
15A81A0440	RT41043	DIGITAL IMAGE PROCESSING	24	30	3
15A81A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	37	3
15A81A0440	RT41048	RADAR SYSTEMS	30	36	3
15A81A0440	RT4104A	OPTICAL COMMUNICATION	27	41	3
15A81A0440	RT4104L	V L S I LAB	24	46	2
15A81A0440	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0441	RT41041	VLSI DESIGN	21	42	3
15A81A0441	RT41042	COMPUTER NETWORKS	24	40	3
15A81A0441	RT41043	DIGITAL IMAGE PROCESSING	21	8	0
15A81A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	41	3
15A81A0441	RT41048	RADAR SYSTEMS	25	52	3
15A81A0441	RT4104A	OPTICAL COMMUNICATION	23	28	3
15A81A0441	RT4104L	V L S I LAB	22	42	2
15A81A0441	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0442	RT41041	VLSI DESIGN	24	42	3
15A81A0442	RT41042	COMPUTER NETWORKS	25	44	3
15A81A0442	RT41043	DIGITAL IMAGE PROCESSING	24	45	3
15A81A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	32	3
15A81A0442	RT41048	RADAR SYSTEMS	26	41	3
15A81A0442	RT4104A	OPTICAL COMMUNICATION	28	41	3
15A81A0442	RT4104L	V L S I LAB	23	45	2
15A81A0442	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15A81A0443	RT41041	VLSI DESIGN	18	49	3
15A81A0443	RT41042	COMPUTER NETWORKS	24	45	3
15A81A0443	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15A81A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	13	0
15A81A0443	RT41048	RADAR SYSTEMS	25	30	3
15A81A0443	RT4104A	OPTICAL COMMUNICATION	26	29	3
15A81A0443	RT4104L	V L S I LAB	20	30	2
15A81A0443	RT4104M	MICROWAVE ENGINEERING LAB	21	28	2
15A81A0444	RT41041	VLSI DESIGN	23	26	3
15A81A0444	RT41042	COMPUTER NETWORKS	22	29	3
15A81A0444	RT41043	DIGITAL IMAGE PROCESSING	22	26	3
15A81A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15A81A0444	RT41048	RADAR SYSTEMS	23	12	0
15A81A0444	RT4104A	OPTICAL COMMUNICATION	26	31	3
15A81A0444	RT4104L	V L S I LAB	18	38	2
15A81A0444	RT4104M	MICROWAVE ENGINEERING LAB	21	38	2
15A81A0446	RT41041	VLSI DESIGN	22	34	3
15A81A0446	RT41042	COMPUTER NETWORKS	23	36	3
15A81A0446	RT41043	DIGITAL IMAGE PROCESSING	25	12	0
15A81A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
15A81A0446	RT41048	RADAR SYSTEMS	21	61	3
15A81A0446	RT4104A	OPTICAL COMMUNICATION	22	28	3
15A81A0446	RT4104L	V L S I LAB	22	35	2
15A81A0446	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0447	RT41041	VLSI DESIGN	19	36	3
15A81A0447	RT41042	COMPUTER NETWORKS	22	29	3
15A81A0447	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
15A81A0447	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	28	3
15A81A0447	RT41048	RADAR SYSTEMS	24	24	3
15A81A0447	RT4104A	OPTICAL COMMUNICATION	24	35	3
15A81A0447	RT4104L	V L S I LAB	20	46	2
15A81A0447	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15A81A0448	RT41041	VLSI DESIGN	23	55	3
15A81A0448	RT41042	COMPUTER NETWORKS	24	36	3
15A81A0448	RT41043	DIGITAL IMAGE PROCESSING	22	38	3
15A81A0448	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	38	3
15A81A0448	RT41048	RADAR SYSTEMS	26	29	3
15A81A0448	RT4104A	OPTICAL COMMUNICATION	22	33	3
15A81A0448	RT4104L	V L S I LAB	20	46	2
15A81A0448	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A0449	RT41041	VLSI DESIGN	21	24	3
15A81A0449	RT41042	COMPUTER NETWORKS	19	30	3
15A81A0449	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
15A81A0449	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15A81A0449	RT41048	RADAR SYSTEMS	22	30	3
15A81A0449	RT4104A	OPTICAL COMMUNICATION	27	25	3
15A81A0449	RT4104L	V L S I LAB	17	42	2
15A81A0449	RT4104M	MICROWAVE ENGINEERING LAB	17	38	2
15A81A0450	RT41041	VLSI DESIGN	27	52	3
15A81A0450	RT41042	COMPUTER NETWORKS	26	33	3
15A81A0450	RT41043	DIGITAL IMAGE PROCESSING	27	33	3
15A81A0450	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	35	3
15A81A0450	RT41048	RADAR SYSTEMS	29	58	3
15A81A0450	RT4104A	OPTICAL COMMUNICATION	26	45	3
15A81A0450	RT4104L	V L S I LAB	23	46	2
15A81A0450	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0453	RT41041	VLSI DESIGN	17	29	3
15A81A0453	RT41042	COMPUTER NETWORKS	14	11	0
15A81A0453	RT41043	DIGITAL IMAGE PROCESSING	18	24	3
15A81A0453	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	-1	0
15A81A0453	RT41048	RADAR SYSTEMS	24	25	3
15A81A0453	RT4104A	OPTICAL COMMUNICATION	13	0	0
15A81A0453	RT4104L	V L S I LAB	19	37	2
15A81A0453	RT4104M	MICROWAVE ENGINEERING LAB	18	34	2
15A81A0454	RT41041	VLSI DESIGN	18	31	3
15A81A0454	RT41042	COMPUTER NETWORKS	20	34	3
15A81A0454	RT41043	DIGITAL IMAGE PROCESSING	19	48	3
15A81A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	29	3
15A81A0454	RT41048	RADAR SYSTEMS	19	30	3
15A81A0454	RT4104A	OPTICAL COMMUNICATION	23	12	0
15A81A0454	RT4104L	V L S I LAB	23	46	2
15A81A0454	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15A81A0455	RT41041	VLSI DESIGN	15	25	3
15A81A0455	RT41042	COMPUTER NETWORKS	20	41	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0455	RT41043	DIGITAL IMAGE PROCESSING	19	28	3
15A81A0455	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	37	3
15A81A0455	RT41048	RADAR SYSTEMS	15	19	0
15A81A0455	RT4104A	OPTICAL COMMUNICATION	24	7	0
15A81A0455	RT4104L	V L S I LAB	19	34	2
15A81A0455	RT4104M	MICROWAVE ENGINEERING LAB	18	30	2
15A81A0456	RT41041	VLSI DESIGN	18	27	3
15A81A0456	RT41042	COMPUTER NETWORKS	20	26	3
15A81A0456	RT41043	DIGITAL IMAGE PROCESSING	19	7	0
15A81A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	17	0
15A81A0456	RT41048	RADAR SYSTEMS	27	39	3
15A81A0456	RT4104A	OPTICAL COMMUNICATION	27	13	0
15A81A0456	RT4104L	V L S I LAB	23	34	2
15A81A0456	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15A81A0457	RT41041	VLSI DESIGN	23	45	3
15A81A0457	RT41042	COMPUTER NETWORKS	24	43	3
15A81A0457	RT41043	DIGITAL IMAGE PROCESSING	26	45	3
15A81A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
15A81A0457	RT41048	RADAR SYSTEMS	25	36	3
15A81A0457	RT4104A	OPTICAL COMMUNICATION	21	26	3
15A81A0457	RT4104L	V L S I LAB	20	36	2
15A81A0457	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15A81A0458	RT41041	VLSI DESIGN	20	45	3
15A81A0458	RT41042	COMPUTER NETWORKS	22	36	3
15A81A0458	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A81A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	33	3
15A81A0458	RT41048	RADAR SYSTEMS	21	12	0
15A81A0458	RT4104A	OPTICAL COMMUNICATION	27	16	0
15A81A0458	RT4104L	V L S I LAB	23	42	2
15A81A0458	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0459	RT41041	VLSI DESIGN	17	40	3
15A81A0459	RT41042	COMPUTER NETWORKS	21	32	3
15A81A0459	RT41043	DIGITAL IMAGE PROCESSING	21	32	3
15A81A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	31	3
15A81A0459	RT41048	RADAR SYSTEMS	20	31	3
15A81A0459	RT4104A	OPTICAL COMMUNICATION	27	27	3
15A81A0459	RT4104L	V L S I LAB	20	40	2
15A81A0459	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A0460	RT41041	VLSI DESIGN	25	45	3
15A81A0460	RT41042	COMPUTER NETWORKS	23	32	3
15A81A0460	RT41043	DIGITAL IMAGE PROCESSING	23	26	3
15A81A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	41	3
15A81A0460	RT41048	RADAR SYSTEMS	24	31	3
15A81A0460	RT4104A	OPTICAL COMMUNICATION	28	33	3
15A81A0460	RT4104L	V L S I LAB	24	45	2
15A81A0460	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0461	RT41041	VLSI DESIGN	24	33	3
15A81A0461	RT41042	COMPUTER NETWORKS	24	52	3
15A81A0461	RT41043	DIGITAL IMAGE PROCESSING	24	49	3
15A81A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	37	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0461	RT41048	RADAR SYSTEMS	28	40	3
15A81A0461	RT4104A	OPTICAL COMMUNICATION	29	42	3
15A81A0461	RT4104L	V L S I LAB	25	49	2
15A81A0461	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
15A81A0462	RT41041	VLSI DESIGN	24	45	3
15A81A0462	RT41042	COMPUTER NETWORKS	24	46	3
15A81A0462	RT41043	DIGITAL IMAGE PROCESSING	26	30	3
15A81A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	30	3
15A81A0462	RT41048	RADAR SYSTEMS	27	12	0
15A81A0462	RT4104A	OPTICAL COMMUNICATION	23	36	3
15A81A0462	RT4104L	V L S I LAB	25	45	2
15A81A0462	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A0463	RT41041	VLSI DESIGN	23	49	3
15A81A0463	RT41042	COMPUTER NETWORKS	24	43	3
15A81A0463	RT41043	DIGITAL IMAGE PROCESSING	25	31	3
15A81A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	48	3
15A81A0463	RT41048	RADAR SYSTEMS	25	35	3
15A81A0463	RT4104A	OPTICAL COMMUNICATION	28	40	3
15A81A0463	RT4104L	V L S I LAB	25	48	2
15A81A0463	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0464	RT41041	VLSI DESIGN	21	38	3
15A81A0464	RT41042	COMPUTER NETWORKS	25	28	3
15A81A0464	RT41043	DIGITAL IMAGE PROCESSING	26	25	3
15A81A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
15A81A0464	RT41048	RADAR SYSTEMS	27	43	3
15A81A0464	RT4104A	OPTICAL COMMUNICATION	26	38	3
15A81A0464	RT4104L	V L S I LAB	24	45	2
15A81A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15A81A0465	RT41041	VLSI DESIGN	25	35	3
15A81A0465	RT41042	COMPUTER NETWORKS	25	44	3
15A81A0465	RT41043	DIGITAL IMAGE PROCESSING	25	43	3
15A81A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	36	3
15A81A0465	RT41048	RADAR SYSTEMS	27	35	3
15A81A0465	RT4104A	OPTICAL COMMUNICATION	21	32	3
15A81A0465	RT4104L	V L S I LAB	24	44	2
15A81A0465	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A0466	RT41041	VLSI DESIGN	21	48	3
15A81A0466	RT41042	COMPUTER NETWORKS	28	38	3
15A81A0466	RT41043	DIGITAL IMAGE PROCESSING	20	41	3
15A81A0466	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
15A81A0466	RT41048	RADAR SYSTEMS	24	26	3
15A81A0466	RT4104A	OPTICAL COMMUNICATION	29	29	3
15A81A0466	RT4104L	V L S I LAB	23	42	2
15A81A0466	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0467	RT41041	VLSI DESIGN	22	49	3
15A81A0467	RT41042	COMPUTER NETWORKS	25	62	3
15A81A0467	RT41043	DIGITAL IMAGE PROCESSING	27	44	3
15A81A0467	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	70	3
15A81A0467	RT41048	RADAR SYSTEMS	26	48	3
15A81A0467	RT4104A	OPTICAL COMMUNICATION	23	64	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0467	RT4104L	V L S I LAB	25	49	2
15A81A0467	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A81A0468	RT41041	VLSI DESIGN	24	59	3
15A81A0468	RT41042	COMPUTER NETWORKS	26	43	3
15A81A0468	RT41043	DIGITAL IMAGE PROCESSING	26	39	3
15A81A0468	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	49	3
15A81A0468	RT41048	RADAR SYSTEMS	29	70	3
15A81A0468	RT4104A	OPTICAL COMMUNICATION	28	45	3
15A81A0468	RT4104L	V L S I LAB	25	49	2
15A81A0468	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A0469	RT41041	VLSI DESIGN	19	26	3
15A81A0469	RT41042	COMPUTER NETWORKS	23	40	3
15A81A0469	RT41043	DIGITAL IMAGE PROCESSING	19	32	3
15A81A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	38	3
15A81A0469	RT41048	RADAR SYSTEMS	25	26	3
15A81A0469	RT4104A	OPTICAL COMMUNICATION	22	26	3
15A81A0469	RT4104L	V L S I LAB	21	35	2
15A81A0469	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15A81A0470	RT41041	VLSI DESIGN	23	52	3
15A81A0470	RT41042	COMPUTER NETWORKS	26	47	3
15A81A0470	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15A81A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	37	3
15A81A0470	RT41048	RADAR SYSTEMS	28	47	3
15A81A0470	RT4104A	OPTICAL COMMUNICATION	26	38	3
15A81A0470	RT4104L	V L S I LAB	24	47	2
15A81A0470	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A0471	RT41041	VLSI DESIGN	20	48	3
15A81A0471	RT41042	COMPUTER NETWORKS	25	42	3
15A81A0471	RT41043	DIGITAL IMAGE PROCESSING	24	31	3
15A81A0471	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	42	3
15A81A0471	RT41048	RADAR SYSTEMS	28	25	3
15A81A0471	RT4104A	OPTICAL COMMUNICATION	29	37	3
15A81A0471	RT4104L	V L S I LAB	25	48	2
15A81A0471	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A0472	RT41041	VLSI DESIGN	18	16	0
15A81A0472	RT41042	COMPUTER NETWORKS	22	24	3
15A81A0472	RT41043	DIGITAL IMAGE PROCESSING	20	12	0
15A81A0472	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	17	0
15A81A0472	RT41048	RADAR SYSTEMS	26	40	3
15A81A0472	RT4104A	OPTICAL COMMUNICATION	23	28	3
15A81A0472	RT4104L	V L S I LAB	22	22	2
15A81A0472	RT4104M	MICROWAVE ENGINEERING LAB	19	41	2
15A81A0473	RT41041	VLSI DESIGN	16	24	3
15A81A0473	RT41042	COMPUTER NETWORKS	15	27	3
15A81A0473	RT41043	DIGITAL IMAGE PROCESSING	15	13	0
15A81A0473	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	31	3
15A81A0473	RT41048	RADAR SYSTEMS	22	-1	0
15A81A0473	RT4104A	OPTICAL COMMUNICATION	15	10	0
15A81A0473	RT4104L	V L S I LAB	14	32	2
15A81A0473	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0474	RT41041	VLSI DESIGN	16	32	3
15A81A0474	RT41042	COMPUTER NETWORKS	20	30	3
15A81A0474	RT41043	DIGITAL IMAGE PROCESSING	18	4	0
15A81A0474	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	30	3
15A81A0474	RT41048	RADAR SYSTEMS	20	0	0
15A81A0474	RT4104A	OPTICAL COMMUNICATION	17	10	0
15A81A0474	RT4104L	V L S I LAB	14	20	2
15A81A0474	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15A81A0476	RT41041	VLSI DESIGN	22	42	3
15A81A0476	RT41042	COMPUTER NETWORKS	23	42	3
15A81A0476	RT41043	DIGITAL IMAGE PROCESSING	25	47	3
15A81A0476	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	54	3
15A81A0476	RT41048	RADAR SYSTEMS	27	43	3
15A81A0476	RT4104A	OPTICAL COMMUNICATION	23	26	3
15A81A0476	RT4104L	V L S I LAB	24	42	2
15A81A0476	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15A81A0477	RT41041	VLSI DESIGN	21	47	3
15A81A0477	RT41042	COMPUTER NETWORKS	23	34	3
15A81A0477	RT41043	DIGITAL IMAGE PROCESSING	22	25	3
15A81A0477	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	35	3
15A81A0477	RT41048	RADAR SYSTEMS	25	38	3
15A81A0477	RT4104A	OPTICAL COMMUNICATION	27	31	3
15A81A0477	RT4104L	V L S I LAB	23	39	2
15A81A0477	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0478	RT41041	VLSI DESIGN	20	33	3
15A81A0478	RT41042	COMPUTER NETWORKS	26	38	3
15A81A0478	RT41043	DIGITAL IMAGE PROCESSING	28	34	3
15A81A0478	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	35	3
15A81A0478	RT41048	RADAR SYSTEMS	26	39	3
15A81A0478	RT4104A	OPTICAL COMMUNICATION	29	44	3
15A81A0478	RT4104L	V L S I LAB	25	45	2
15A81A0478	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0479	RT41041	VLSI DESIGN	22	45	3
15A81A0479	RT41042	COMPUTER NETWORKS	26	45	3
15A81A0479	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15A81A0479	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15A81A0479	RT41048	RADAR SYSTEMS	27	31	3
15A81A0479	RT4104A	OPTICAL COMMUNICATION	25	38	3
15A81A0479	RT4104L	V L S I LAB	23	39	2
15A81A0479	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A0480	RT41041	VLSI DESIGN	20	34	3
15A81A0480	RT41042	COMPUTER NETWORKS	27	41	3
15A81A0480	RT41043	DIGITAL IMAGE PROCESSING	21	37	3
15A81A0480	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	53	3
15A81A0480	RT41048	RADAR SYSTEMS	25	40	3
15A81A0480	RT4104A	OPTICAL COMMUNICATION	29	37	3
15A81A0480	RT4104L	V L S I LAB	22	47	2
15A81A0480	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15A81A0481	RT41041	VLSI DESIGN	13	26	0
15A81A0481	RT41042	COMPUTER NETWORKS	16	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0481	RT41043	DIGITAL IMAGE PROCESSING	15	2	0
15A81A0481	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	23	0
15A81A0481	RT41048	RADAR SYSTEMS	12	23	0
15A81A0481	RT4104A	OPTICAL COMMUNICATION	22	13	0
15A81A0481	RT4104L	V L S I LAB	19	21	2
15A81A0481	RT4104M	MICROWAVE ENGINEERING LAB	19	40	2
15A81A0482	RT41041	VLSI DESIGN	12	11	0
15A81A0482	RT41042	COMPUTER NETWORKS	18	17	0
15A81A0482	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15A81A0482	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	19	0
15A81A0482	RT41048	RADAR SYSTEMS	15	32	3
15A81A0482	RT4104A	OPTICAL COMMUNICATION	25	34	3
15A81A0482	RT4104L	V L S I LAB	22	30	2
15A81A0482	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A81A0483	RT41041	VLSI DESIGN	21	38	3
15A81A0483	RT41042	COMPUTER NETWORKS	23	38	3
15A81A0483	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15A81A0483	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	43	3
15A81A0483	RT41048	RADAR SYSTEMS	26	31	3
15A81A0483	RT4104A	OPTICAL COMMUNICATION	23	38	3
15A81A0483	RT4104L	V L S I LAB	20	30	2
15A81A0483	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
15A81A0484	RT41041	VLSI DESIGN	26	34	3
15A81A0484	RT41042	COMPUTER NETWORKS	26	43	3
15A81A0484	RT41043	DIGITAL IMAGE PROCESSING	26	39	3
15A81A0484	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	39	3
15A81A0484	RT41048	RADAR SYSTEMS	28	39	3
15A81A0484	RT4104A	OPTICAL COMMUNICATION	30	28	3
15A81A0484	RT4104L	V L S I LAB	24	49	2
15A81A0484	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A81A0485	RT41041	VLSI DESIGN	24	49	3
15A81A0485	RT41042	COMPUTER NETWORKS	25	30	3
15A81A0485	RT41043	DIGITAL IMAGE PROCESSING	27	32	3
15A81A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	42	3
15A81A0485	RT41048	RADAR SYSTEMS	26	46	3
15A81A0485	RT4104A	OPTICAL COMMUNICATION	26	48	3
15A81A0485	RT4104L	V L S I LAB	24	48	2
15A81A0485	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A0486	RT41041	VLSI DESIGN	23	49	3
15A81A0486	RT41042	COMPUTER NETWORKS	21	46	3
15A81A0486	RT41043	DIGITAL IMAGE PROCESSING	22	43	3
15A81A0486	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	35	3
15A81A0486	RT41048	RADAR SYSTEMS	21	41	3
15A81A0486	RT4104A	OPTICAL COMMUNICATION	23	27	3
15A81A0486	RT4104L	V L S I LAB	21	47	2
15A81A0486	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A0487	RT41041	VLSI DESIGN	24	46	3
15A81A0487	RT41042	COMPUTER NETWORKS	25	51	3
15A81A0487	RT41043	DIGITAL IMAGE PROCESSING	26	61	3
15A81A0487	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	45	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0487	RT41048	RADAR SYSTEMS	29	40	3
15A81A0487	RT4104A	OPTICAL COMMUNICATION	29	29	3
15A81A0487	RT4104L	V L S I LAB	24	48	2
15A81A0487	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A0488	RT41041	VLSI DESIGN	25	24	3
15A81A0488	RT41042	COMPUTER NETWORKS	21	24	3
15A81A0488	RT41043	DIGITAL IMAGE PROCESSING	23	31	3
15A81A0488	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	42	3
15A81A0488	RT41048	RADAR SYSTEMS	26	36	3
15A81A0488	RT4104A	OPTICAL COMMUNICATION	18	36	3
15A81A0488	RT4104L	V L S I LAB	24	48	2
15A81A0488	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A0489	RT41041	VLSI DESIGN	22	39	3
15A81A0489	RT41042	COMPUTER NETWORKS	24	27	3
15A81A0489	RT41043	DIGITAL IMAGE PROCESSING	27	29	3
15A81A0489	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15A81A0489	RT41048	RADAR SYSTEMS	25	35	3
15A81A0489	RT4104A	OPTICAL COMMUNICATION	27	39	3
15A81A0489	RT4104L	V L S I LAB	24	31	2
15A81A0489	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A81A0490	RT41041	VLSI DESIGN	21	44	3
15A81A0490	RT41042	COMPUTER NETWORKS	24	46	3
15A81A0490	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
15A81A0490	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	29	3
15A81A0490	RT41048	RADAR SYSTEMS	26	40	3
15A81A0490	RT4104A	OPTICAL COMMUNICATION	23	32	3
15A81A0490	RT4104L	V L S I LAB	24	49	2
15A81A0490	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15A81A0491	RT41041	VLSI DESIGN	21	45	3
15A81A0491	RT41042	COMPUTER NETWORKS	24	41	3
15A81A0491	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
15A81A0491	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15A81A0491	RT41048	RADAR SYSTEMS	25	31	3
15A81A0491	RT4104A	OPTICAL COMMUNICATION	26	15	0
15A81A0491	RT4104L	V L S I LAB	24	47	2
15A81A0491	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A81A0492	RT41041	VLSI DESIGN	17	10	0
15A81A0492	RT41042	COMPUTER NETWORKS	20	13	0
15A81A0492	RT41043	DIGITAL IMAGE PROCESSING	21	11	0
15A81A0492	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15A81A0492	RT41048	RADAR SYSTEMS	19	32	3
15A81A0492	RT4104A	OPTICAL COMMUNICATION	17	13	0
15A81A0492	RT4104L	V L S I LAB	22	35	2
15A81A0492	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A81A0493	RT41041	VLSI DESIGN	19	40	3
15A81A0493	RT41042	COMPUTER NETWORKS	19	31	3
15A81A0493	RT41043	DIGITAL IMAGE PROCESSING	25	17	0
15A81A0493	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
15A81A0493	RT41048	RADAR SYSTEMS	24	33	3
15A81A0493	RT4104A	OPTICAL COMMUNICATION	22	16	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A0493	RT4104L	V L S I LAB	21	43	2
15A81A0493	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15A81A0494	RT41041	VLSI DESIGN	24	49	3
15A81A0494	RT41042	COMPUTER NETWORKS	25	37	3
15A81A0494	RT41043	DIGITAL IMAGE PROCESSING	27	43	3
15A81A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	38	3
15A81A0494	RT41048	RADAR SYSTEMS	29	42	3
15A81A0494	RT4104A	OPTICAL COMMUNICATION	28	39	3
15A81A0494	RT4104L	V L S I LAB	24	47	2
15A81A0494	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A0496	RT41041	VLSI DESIGN	16	42	3
15A81A0496	RT41042	COMPUTER NETWORKS	24	38	3
15A81A0496	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15A81A0496	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	29	3
15A81A0496	RT41048	RADAR SYSTEMS	19	31	3
15A81A0496	RT4104A	OPTICAL COMMUNICATION	19	32	3
15A81A0496	RT4104L	V L S I LAB	20	21	2
15A81A0496	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A81A0497	RT41041	VLSI DESIGN	22	56	3
15A81A0497	RT41042	COMPUTER NETWORKS	25	31	3
15A81A0497	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
15A81A0497	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	60	3
15A81A0497	RT41048	RADAR SYSTEMS	25	37	3
15A81A0497	RT4104A	OPTICAL COMMUNICATION	25	49	3
15A81A0497	RT4104L	V L S I LAB	23	48	2
15A81A0497	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A81A0498	RT41041	VLSI DESIGN	20	35	3
15A81A0498	RT41042	COMPUTER NETWORKS	25	32	3
15A81A0498	RT41043	DIGITAL IMAGE PROCESSING	23	7	0
15A81A0498	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
15A81A0498	RT41048	RADAR SYSTEMS	29	24	3
15A81A0498	RT4104A	OPTICAL COMMUNICATION	25	11	0
15A81A0498	RT4104L	V L S I LAB	20	41	2
15A81A0498	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A04A0	RT41041	VLSI DESIGN	22	25	3
15A81A04A0	RT41042	COMPUTER NETWORKS	24	35	3
15A81A04A0	RT41043	DIGITAL IMAGE PROCESSING	16	33	3
15A81A04A0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	27	3
15A81A04A0	RT41048	RADAR SYSTEMS	24	27	3
15A81A04A0	RT4104A	OPTICAL COMMUNICATION	21	26	3
15A81A04A0	RT4104L	V L S I LAB	19	37	2
15A81A04A0	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
15A81A04A1	RT41041	VLSI DESIGN	24	52	3
15A81A04A1	RT41042	COMPUTER NETWORKS	25	54	3
15A81A04A1	RT41043	DIGITAL IMAGE PROCESSING	25	47	3
15A81A04A1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	39	3
15A81A04A1	RT41048	RADAR SYSTEMS	24	51	3
15A81A04A1	RT4104A	OPTICAL COMMUNICATION	25	37	3
15A81A04A1	RT4104L	V L S I LAB	24	40	2
15A81A04A1	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04A2	RT41041	VLSI DESIGN	14	28	3
15A81A04A2	RT41042	COMPUTER NETWORKS	18	28	3
15A81A04A2	RT41043	DIGITAL IMAGE PROCESSING	19	29	3
15A81A04A2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
15A81A04A2	RT41048	RADAR SYSTEMS	24	37	3
15A81A04A2	RT4104A	OPTICAL COMMUNICATION	24	24	3
15A81A04A2	RT4104L	V L S I LAB	22	41	2
15A81A04A2	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
15A81A04A3	RT41041	VLSI DESIGN	23	51	3
15A81A04A3	RT41042	COMPUTER NETWORKS	24	35	3
15A81A04A3	RT41043	DIGITAL IMAGE PROCESSING	27	28	3
15A81A04A3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	49	3
15A81A04A3	RT41048	RADAR SYSTEMS	27	35	3
15A81A04A3	RT4104A	OPTICAL COMMUNICATION	27	51	3
15A81A04A3	RT4104L	V L S I LAB	22	39	2
15A81A04A3	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A04A4	RT41041	VLSI DESIGN	26	35	3
15A81A04A4	RT41042	COMPUTER NETWORKS	25	41	3
15A81A04A4	RT41043	DIGITAL IMAGE PROCESSING	26	33	3
15A81A04A4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	37	3
15A81A04A4	RT41048	RADAR SYSTEMS	29	39	3
15A81A04A4	RT4104A	OPTICAL COMMUNICATION	27	33	3
15A81A04A4	RT4104L	V L S I LAB	22	42	2
15A81A04A4	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15A81A04A5	RT41041	VLSI DESIGN	18	49	3
15A81A04A5	RT41042	COMPUTER NETWORKS	24	38	3
15A81A04A5	RT41043	DIGITAL IMAGE PROCESSING	23	0	0
15A81A04A5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	30	3
15A81A04A5	RT41048	RADAR SYSTEMS	20	28	3
15A81A04A5	RT4104A	OPTICAL COMMUNICATION	21	17	0
15A81A04A5	RT4104L	V L S I LAB	22	35	2
15A81A04A5	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15A81A04A6	RT41041	VLSI DESIGN	22	54	3
15A81A04A6	RT41042	COMPUTER NETWORKS	24	39	3
15A81A04A6	RT41043	DIGITAL IMAGE PROCESSING	21	27	3
15A81A04A6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	43	3
15A81A04A6	RT41048	RADAR SYSTEMS	25	36	3
15A81A04A6	RT4104A	OPTICAL COMMUNICATION	26	38	3
15A81A04A6	RT4104L	V L S I LAB	23	45	2
15A81A04A6	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
15A81A04A7	RT41041	VLSI DESIGN	19	41	3
15A81A04A7	RT41042	COMPUTER NETWORKS	24	30	3
15A81A04A7	RT41043	DIGITAL IMAGE PROCESSING	22	25	3
15A81A04A7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15A81A04A7	RT41048	RADAR SYSTEMS	28	29	3
15A81A04A7	RT4104A	OPTICAL COMMUNICATION	25	31	3
15A81A04A7	RT4104L	V L S I LAB	23	48	2
15A81A04A7	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A81A04A8	RT41041	VLSI DESIGN	22	26	3
15A81A04A8	RT41042	COMPUTER NETWORKS	26	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04A8	RT41043	DIGITAL IMAGE PROCESSING	27	37	3
15A81A04A8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	35	3
15A81A04A8	RT41048	RADAR SYSTEMS	28	36	3
15A81A04A8	RT4104A	OPTICAL COMMUNICATION	26	44	3
15A81A04A8	RT4104L	V L S I LAB	24	21	2
15A81A04A8	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A04A9	RT41041	VLSI DESIGN	21	43	3
15A81A04A9	RT41042	COMPUTER NETWORKS	21	31	3
15A81A04A9	RT41043	DIGITAL IMAGE PROCESSING	25	18	0
15A81A04A9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	28	3
15A81A04A9	RT41048	RADAR SYSTEMS	24	25	3
15A81A04A9	RT4104A	OPTICAL COMMUNICATION	22	24	3
15A81A04A9	RT4104L	V L S I LAB	23	39	2
15A81A04A9	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15A81A04B0	RT41041	VLSI DESIGN	25	53	3
15A81A04B0	RT41042	COMPUTER NETWORKS	27	45	3
15A81A04B0	RT41043	DIGITAL IMAGE PROCESSING	26	46	3
15A81A04B0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	49	3
15A81A04B0	RT41048	RADAR SYSTEMS	28	40	3
15A81A04B0	RT4104A	OPTICAL COMMUNICATION	26	30	3
15A81A04B0	RT4104L	V L S I LAB	25	49	2
15A81A04B0	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15A81A04B1	RT41041	VLSI DESIGN	22	43	3
15A81A04B1	RT41042	COMPUTER NETWORKS	24	31	3
15A81A04B1	RT41043	DIGITAL IMAGE PROCESSING	25	33	3
15A81A04B1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	35	3
15A81A04B1	RT41048	RADAR SYSTEMS	22	35	3
15A81A04B1	RT4104A	OPTICAL COMMUNICATION	26	29	3
15A81A04B1	RT4104L	V L S I LAB	23	45	2
15A81A04B1	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A81A04B2	RT41041	VLSI DESIGN	22	27	3
15A81A04B2	RT41042	COMPUTER NETWORKS	24	34	3
15A81A04B2	RT41043	DIGITAL IMAGE PROCESSING	24	39	3
15A81A04B2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	29	3
15A81A04B2	RT41048	RADAR SYSTEMS	27	38	3
15A81A04B2	RT4104A	OPTICAL COMMUNICATION	25	56	3
15A81A04B2	RT4104L	V L S I LAB	22	38	2
15A81A04B2	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15A81A04B3	RT41041	VLSI DESIGN	22	43	3
15A81A04B3	RT41042	COMPUTER NETWORKS	25	41	3
15A81A04B3	RT41043	DIGITAL IMAGE PROCESSING	24	5	0
15A81A04B3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	30	3
15A81A04B3	RT41048	RADAR SYSTEMS	22	31	3
15A81A04B3	RT4104A	OPTICAL COMMUNICATION	27	24	3
15A81A04B3	RT4104L	V L S I LAB	21	23	2
15A81A04B3	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A81A04B4	RT41041	VLSI DESIGN	22	47	3
15A81A04B4	RT41042	COMPUTER NETWORKS	24	49	3
15A81A04B4	RT41043	DIGITAL IMAGE PROCESSING	24	33	3
15A81A04B4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	57	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04B4	RT41048	RADAR SYSTEMS	23	38	3
15A81A04B4	RT4104A	OPTICAL COMMUNICATION	26	31	3
15A81A04B4	RT4104L	V L S I LAB	23	41	2
15A81A04B4	RT4104M	MICROWAVE ENGINEERING LAB	24	41	2
15A81A04B5	RT41041	VLSI DESIGN	21	51	3
15A81A04B5	RT41042	COMPUTER NETWORKS	21	26	3
15A81A04B5	RT41043	DIGITAL IMAGE PROCESSING	21	16	0
15A81A04B5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3
15A81A04B5	RT41048	RADAR SYSTEMS	26	24	3
15A81A04B5	RT4104A	OPTICAL COMMUNICATION	23	16	0
15A81A04B5	RT4104L	V L S I LAB	21	45	2
15A81A04B5	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15A81A04B6	RT41041	VLSI DESIGN	26	47	3
15A81A04B6	RT41042	COMPUTER NETWORKS	24	32	3
15A81A04B6	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15A81A04B6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	37	3
15A81A04B6	RT41048	RADAR SYSTEMS	21	36	3
15A81A04B6	RT4104A	OPTICAL COMMUNICATION	23	31	3
15A81A04B6	RT4104L	V L S I LAB	25	46	2
15A81A04B6	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A04B7	RT41041	VLSI DESIGN	21	39	3
15A81A04B7	RT41042	COMPUTER NETWORKS	23	52	3
15A81A04B7	RT41043	DIGITAL IMAGE PROCESSING	23	16	0
15A81A04B7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	32	3
15A81A04B7	RT41048	RADAR SYSTEMS	24	30	3
15A81A04B7	RT4104A	OPTICAL COMMUNICATION	26	49	3
15A81A04B7	RT4104L	V L S I LAB	22	45	2
15A81A04B7	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A04B8	RT41041	VLSI DESIGN	25	44	3
15A81A04B8	RT41042	COMPUTER NETWORKS	25	47	3
15A81A04B8	RT41043	DIGITAL IMAGE PROCESSING	25	55	3
15A81A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	50	3
15A81A04B8	RT41048	RADAR SYSTEMS	25	47	3
15A81A04B8	RT4104A	OPTICAL COMMUNICATION	28	53	3
15A81A04B8	RT4104L	V L S I LAB	23	46	2
15A81A04B8	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A04B9	RT41041	VLSI DESIGN	25	52	3
15A81A04B9	RT41042	COMPUTER NETWORKS	23	35	3
15A81A04B9	RT41043	DIGITAL IMAGE PROCESSING	22	29	3
15A81A04B9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
15A81A04B9	RT41048	RADAR SYSTEMS	25	52	3
15A81A04B9	RT4104A	OPTICAL COMMUNICATION	25	15	0
15A81A04B9	RT4104L	V L S I LAB	24	49	2
15A81A04B9	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A04C0	RT41041	VLSI DESIGN	23	48	3
15A81A04C0	RT41042	COMPUTER NETWORKS	27	49	3
15A81A04C0	RT41043	DIGITAL IMAGE PROCESSING	26	34	3
15A81A04C0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15A81A04C0	RT41048	RADAR SYSTEMS	29	36	3
15A81A04C0	RT4104A	OPTICAL COMMUNICATION	28	27	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04C0	RT4104L	V L S I LAB	25	49	2
15A81A04C0	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A81A04C1	RT41041	VLSI DESIGN	17	44	3
15A81A04C1	RT41042	COMPUTER NETWORKS	22	32	3
15A81A04C1	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15A81A04C1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	35	3
15A81A04C1	RT41048	RADAR SYSTEMS	22	39	3
15A81A04C1	RT4104A	OPTICAL COMMUNICATION	27	35	3
15A81A04C1	RT4104L	V L S I LAB	21	45	2
15A81A04C1	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A04C2	RT41041	VLSI DESIGN	18	25	3
15A81A04C2	RT41042	COMPUTER NETWORKS	23	39	3
15A81A04C2	RT41043	DIGITAL IMAGE PROCESSING	19	35	3
15A81A04C2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	30	3
15A81A04C2	RT41048	RADAR SYSTEMS	23	29	3
15A81A04C2	RT4104A	OPTICAL COMMUNICATION	25	33	3
15A81A04C2	RT4104L	V L S I LAB	20	40	2
15A81A04C2	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
15A81A04C4	RT41041	VLSI DESIGN	21	40	3
15A81A04C4	RT41042	COMPUTER NETWORKS	24	33	3
15A81A04C4	RT41043	DIGITAL IMAGE PROCESSING	22	28	3
15A81A04C4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	35	3
15A81A04C4	RT41048	RADAR SYSTEMS	24	32	3
15A81A04C4	RT4104A	OPTICAL COMMUNICATION	25	29	3
15A81A04C4	RT4104L	V L S I LAB	17	47	2
15A81A04C4	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15A81A04C5	RT41041	VLSI DESIGN	25	50	3
15A81A04C5	RT41042	COMPUTER NETWORKS	24	41	3
15A81A04C5	RT41043	DIGITAL IMAGE PROCESSING	21	32	3
15A81A04C5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	38	3
15A81A04C5	RT41048	RADAR SYSTEMS	30	37	3
15A81A04C5	RT4104A	OPTICAL COMMUNICATION	29	42	3
15A81A04C5	RT4104L	V L S I LAB	25	50	2
15A81A04C5	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15A81A04C6	RT41041	VLSI DESIGN	25	41	3
15A81A04C6	RT41042	COMPUTER NETWORKS	25	36	3
15A81A04C6	RT41043	DIGITAL IMAGE PROCESSING	25	48	3
15A81A04C6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
15A81A04C6	RT41048	RADAR SYSTEMS	28	27	3
15A81A04C6	RT4104A	OPTICAL COMMUNICATION	27	29	3
15A81A04C6	RT4104L	V L S I LAB	24	49	2
15A81A04C6	RT4104M	MICROWAVE ENGINEERING LAB	25	43	2
15A81A04C7	RT41041	VLSI DESIGN	16	26	3
15A81A04C7	RT41042	COMPUTER NETWORKS	24	44	3
15A81A04C7	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
15A81A04C7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	43	3
15A81A04C7	RT41048	RADAR SYSTEMS	25	33	3
15A81A04C7	RT4104A	OPTICAL COMMUNICATION	27	48	3
15A81A04C7	RT4104L	V L S I LAB	19	45	2
15A81A04C7	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04C8	RT41041	VLSI DESIGN	19	38	3
15A81A04C8	RT41042	COMPUTER NETWORKS	22	27	3
15A81A04C8	RT41043	DIGITAL IMAGE PROCESSING	23	14	0
15A81A04C8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15A81A04C8	RT41048	RADAR SYSTEMS	29	43	3
15A81A04C8	RT4104A	OPTICAL COMMUNICATION	27	28	3
15A81A04C8	RT4104L	V L S I LAB	22	45	2
15A81A04C8	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15A81A04C9	RT41041	VLSI DESIGN	22	54	3
15A81A04C9	RT41042	COMPUTER NETWORKS	21	32	3
15A81A04C9	RT41043	DIGITAL IMAGE PROCESSING	24	36	3
15A81A04C9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	43	3
15A81A04C9	RT41048	RADAR SYSTEMS	29	38	3
15A81A04C9	RT4104A	OPTICAL COMMUNICATION	27	26	3
15A81A04C9	RT4104L	V L S I LAB	23	44	2
15A81A04C9	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A04D0	RT41041	VLSI DESIGN	20	34	3
15A81A04D0	RT41042	COMPUTER NETWORKS	22	30	3
15A81A04D0	RT41043	DIGITAL IMAGE PROCESSING	24	18	0
15A81A04D0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	18	0
15A81A04D0	RT41048	RADAR SYSTEMS	25	15	0
15A81A04D0	RT4104A	OPTICAL COMMUNICATION	27	24	3
15A81A04D0	RT4104L	V L S I LAB	21	45	2
15A81A04D0	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15A81A04D1	RT41041	VLSI DESIGN	25	31	3
15A81A04D1	RT41042	COMPUTER NETWORKS	25	55	3
15A81A04D1	RT41043	DIGITAL IMAGE PROCESSING	25	58	3
15A81A04D1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	61	3
15A81A04D1	RT41048	RADAR SYSTEMS	30	39	3
15A81A04D1	RT4104A	OPTICAL COMMUNICATION	27	47	3
15A81A04D1	RT4104L	V L S I LAB	23	50	2
15A81A04D1	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
15A81A04D2	RT41041	VLSI DESIGN	16	26	3
15A81A04D2	RT41042	COMPUTER NETWORKS	22	26	3
15A81A04D2	RT41043	DIGITAL IMAGE PROCESSING	18	8	0
15A81A04D2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	33	3
15A81A04D2	RT41048	RADAR SYSTEMS	21	24	3
15A81A04D2	RT4104A	OPTICAL COMMUNICATION	22	14	0
15A81A04D2	RT4104L	V L S I LAB	19	35	2
15A81A04D2	RT4104M	MICROWAVE ENGINEERING LAB	24	41	2
15A81A04D3	RT41041	VLSI DESIGN	18	35	3
15A81A04D3	RT41042	COMPUTER NETWORKS	22	26	3
15A81A04D3	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
15A81A04D3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	27	3
15A81A04D3	RT41048	RADAR SYSTEMS	11	30	3
15A81A04D3	RT4104A	OPTICAL COMMUNICATION	23	27	3
15A81A04D3	RT4104L	V L S I LAB	23	43	2
15A81A04D3	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15A81A04D4	RT41041	VLSI DESIGN	22	37	3
15A81A04D4	RT41042	COMPUTER NETWORKS	23	54	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04D4	RT41043	DIGITAL IMAGE PROCESSING	25	10	0
15A81A04D4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
15A81A04D4	RT41048	RADAR SYSTEMS	28	29	3
15A81A04D4	RT4104A	OPTICAL COMMUNICATION	28	33	3
15A81A04D4	RT4104L	V L S I LAB	24	48	2
15A81A04D4	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A04D5	RT41041	VLSI DESIGN	23	55	3
15A81A04D5	RT41042	COMPUTER NETWORKS	24	41	3
15A81A04D5	RT41043	DIGITAL IMAGE PROCESSING	22	39	3
15A81A04D5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	43	3
15A81A04D5	RT41048	RADAR SYSTEMS	29	36	3
15A81A04D5	RT4104A	OPTICAL COMMUNICATION	27	50	3
15A81A04D5	RT4104L	V L S I LAB	24	49	2
15A81A04D5	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A04D6	RT41041	VLSI DESIGN	19	29	3
15A81A04D6	RT41042	COMPUTER NETWORKS	22	24	3
15A81A04D6	RT41043	DIGITAL IMAGE PROCESSING	19	14	0
15A81A04D6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15A81A04D6	RT41048	RADAR SYSTEMS	21	24	3
15A81A04D6	RT4104A	OPTICAL COMMUNICATION	24	28	3
15A81A04D6	RT4104L	V L S I LAB	15	45	2
15A81A04D6	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15A81A04D7	RT41041	VLSI DESIGN	21	43	3
15A81A04D7	RT41042	COMPUTER NETWORKS	10	34	3
15A81A04D7	RT41043	DIGITAL IMAGE PROCESSING	12	17	0
15A81A04D7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	40	3
15A81A04D7	RT41048	RADAR SYSTEMS	21	28	3
15A81A04D7	RT4104A	OPTICAL COMMUNICATION	14	32	3
15A81A04D7	RT4104L	V L S I LAB	20	48	2
15A81A04D7	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A04D8	RT41041	VLSI DESIGN	22	58	3
15A81A04D8	RT41042	COMPUTER NETWORKS	24	35	3
15A81A04D8	RT41043	DIGITAL IMAGE PROCESSING	21	41	3
15A81A04D8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	38	3
15A81A04D8	RT41048	RADAR SYSTEMS	28	35	3
15A81A04D8	RT4104A	OPTICAL COMMUNICATION	26	30	3
15A81A04D8	RT4104L	V L S I LAB	22	48	2
15A81A04D8	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15A81A04D9	RT41041	VLSI DESIGN	19	52	3
15A81A04D9	RT41042	COMPUTER NETWORKS	22	42	3
15A81A04D9	RT41043	DIGITAL IMAGE PROCESSING	21	36	3
15A81A04D9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	36	3
15A81A04D9	RT41048	RADAR SYSTEMS	29	35	3
15A81A04D9	RT4104A	OPTICAL COMMUNICATION	25	46	3
15A81A04D9	RT4104L	V L S I LAB	21	42	2
15A81A04D9	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A04E0	RT41041	VLSI DESIGN	26	53	3
15A81A04E0	RT41042	COMPUTER NETWORKS	23	34	3
15A81A04E0	RT41043	DIGITAL IMAGE PROCESSING	26	27	3
15A81A04E0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04E0	RT41048	RADAR SYSTEMS	30	37	3
15A81A04E0	RT4104A	OPTICAL COMMUNICATION	25	32	3
15A81A04E0	RT4104L	V L S I LAB	24	46	2
15A81A04E0	RT4104M	MICROWAVE ENGINEERING LAB	25	45	2
15A81A04E2	RT41041	VLSI DESIGN	24	51	3
15A81A04E2	RT41042	COMPUTER NETWORKS	24	42	3
15A81A04E2	RT41043	DIGITAL IMAGE PROCESSING	22	42	3
15A81A04E2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	40	3
15A81A04E2	RT41048	RADAR SYSTEMS	28	42	3
15A81A04E2	RT4104A	OPTICAL COMMUNICATION	22	48	3
15A81A04E2	RT4104L	V L S I LAB	22	48	2
15A81A04E2	RT4104M	MICROWAVE ENGINEERING LAB	25	48	2
15A81A04E3	RT41041	VLSI DESIGN	19	43	3
15A81A04E3	RT41042	COMPUTER NETWORKS	24	30	3
15A81A04E3	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
15A81A04E3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	29	3
15A81A04E3	RT41048	RADAR SYSTEMS	29	32	3
15A81A04E3	RT4104A	OPTICAL COMMUNICATION	25	29	3
15A81A04E3	RT4104L	V L S I LAB	20	42	2
15A81A04E3	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15A81A04E4	RT41041	VLSI DESIGN	19	38	3
15A81A04E4	RT41042	COMPUTER NETWORKS	18	37	3
15A81A04E4	RT41043	DIGITAL IMAGE PROCESSING	20	29	3
15A81A04E4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	30	3
15A81A04E4	RT41048	RADAR SYSTEMS	22	32	3
15A81A04E4	RT4104A	OPTICAL COMMUNICATION	21	32	3
15A81A04E4	RT4104L	V L S I LAB	16	30	2
15A81A04E4	RT4104M	MICROWAVE ENGINEERING LAB	20	38	2
15A81A04E5	RT41041	VLSI DESIGN	22	48	3
15A81A04E5	RT41042	COMPUTER NETWORKS	23	25	3
15A81A04E5	RT41043	DIGITAL IMAGE PROCESSING	22	8	0
15A81A04E5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
15A81A04E5	RT41048	RADAR SYSTEMS	29	34	3
15A81A04E5	RT4104A	OPTICAL COMMUNICATION	29	16	0
15A81A04E5	RT4104L	V L S I LAB	23	49	2
15A81A04E5	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A04E6	RT41041	VLSI DESIGN	22	55	3
15A81A04E6	RT41042	COMPUTER NETWORKS	23	39	3
15A81A04E6	RT41043	DIGITAL IMAGE PROCESSING	23	51	3
15A81A04E6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	40	3
15A81A04E6	RT41048	RADAR SYSTEMS	29	45	3
15A81A04E6	RT4104A	OPTICAL COMMUNICATION	29	33	3
15A81A04E6	RT4104L	V L S I LAB	23	47	2
15A81A04E6	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A04E7	RT41041	VLSI DESIGN	14	6	0
15A81A04E7	RT41042	COMPUTER NETWORKS	15	17	0
15A81A04E7	RT41043	DIGITAL IMAGE PROCESSING	17	3	0
15A81A04E7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	6	0
15A81A04E7	RT41048	RADAR SYSTEMS	27	0	0
15A81A04E7	RT4104A	OPTICAL COMMUNICATION	24	0	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A04E7	RT4104L	V L S I LAB	20	38	2
15A81A04E7	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A04E8	RT41041	VLSI DESIGN	20	39	3
15A81A04E8	RT41042	COMPUTER NETWORKS	21	34	3
15A81A04E8	RT41043	DIGITAL IMAGE PROCESSING	26	25	3
15A81A04E8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	33	3
15A81A04E8	RT41048	RADAR SYSTEMS	28	26	3
15A81A04E8	RT4104A	OPTICAL COMMUNICATION	29	24	3
15A81A04E8	RT4104L	V L S I LAB	20	32	2
15A81A04E8	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15A81A04E9	RT41041	VLSI DESIGN	20	36	3
15A81A04E9	RT41042	COMPUTER NETWORKS	16	27	3
15A81A04E9	RT41043	DIGITAL IMAGE PROCESSING	22	10	0
15A81A04E9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	33	3
15A81A04E9	RT41048	RADAR SYSTEMS	20	29	3
15A81A04E9	RT4104A	OPTICAL COMMUNICATION	26	12	0
15A81A04E9	RT4104L	V L S I LAB	22	43	2
15A81A04E9	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15A81A04F0	RT41041	VLSI DESIGN	21	58	3
15A81A04F0	RT41042	COMPUTER NETWORKS	24	44	3
15A81A04F0	RT41043	DIGITAL IMAGE PROCESSING	24	45	3
15A81A04F0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	35	3
15A81A04F0	RT41048	RADAR SYSTEMS	30	44	3
15A81A04F0	RT4104A	OPTICAL COMMUNICATION	28	53	3
15A81A04F0	RT4104L	V L S I LAB	25	50	2
15A81A04F0	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2
15A81A04F1	RT41041	VLSI DESIGN	21	31	3
15A81A04F1	RT41042	COMPUTER NETWORKS	22	33	3
15A81A04F1	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
15A81A04F1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	29	3
15A81A04F1	RT41048	RADAR SYSTEMS	26	28	3
15A81A04F1	RT4104A	OPTICAL COMMUNICATION	21	33	3
15A81A04F1	RT4104L	V L S I LAB	20	44	2
15A81A04F1	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15A81A04F2	RT41041	VLSI DESIGN	22	53	3
15A81A04F2	RT41042	COMPUTER NETWORKS	23	57	3
15A81A04F2	RT41043	DIGITAL IMAGE PROCESSING	25	43	3
15A81A04F2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	59	3
15A81A04F2	RT41048	RADAR SYSTEMS	29	45	3
15A81A04F2	RT4104A	OPTICAL COMMUNICATION	28	48	3
15A81A04F2	RT4104L	V L S I LAB	24	48	2
15A81A04F2	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15A81A04F3	RT41041	VLSI DESIGN	19	40	3
15A81A04F3	RT41042	COMPUTER NETWORKS	22	25	3
15A81A04F3	RT41043	DIGITAL IMAGE PROCESSING	20	10	0
15A81A04F3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	38	3
15A81A04F3	RT41048	RADAR SYSTEMS	24	29	3
15A81A04F3	RT4104A	OPTICAL COMMUNICATION	24	28	3
15A81A04F3	RT4104L	V L S I LAB	24	43	2
15A81A04F3	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A04F4	RT41041	VLSI DESIGN	21	55	3
15A81A04F4	RT41042	COMPUTER NETWORKS	25	32	3
15A81A04F4	RT41043	DIGITAL IMAGE PROCESSING	24	46	3
15A81A04F4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15A81A04F4	RT41048	RADAR SYSTEMS	29	40	3
15A81A04F4	RT4104A	OPTICAL COMMUNICATION	27	27	3
15A81A04F4	RT4104L	V L S I LAB	23	49	2
15A81A04F4	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A04F5	RT41041	VLSI DESIGN	21	40	3
15A81A04F5	RT41042	COMPUTER NETWORKS	23	25	3
15A81A04F5	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
15A81A04F5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	29	3
15A81A04F5	RT41048	RADAR SYSTEMS	28	25	3
15A81A04F5	RT4104A	OPTICAL COMMUNICATION	19	15	0
15A81A04F5	RT4104L	V L S I LAB	19	45	2
15A81A04F5	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15A81A04F6	RT41041	VLSI DESIGN	12	10	0
15A81A04F6	RT41042	COMPUTER NETWORKS	20	3	0
15A81A04F6	RT41043	DIGITAL IMAGE PROCESSING	13	9	0
15A81A04F6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	12	20	0
15A81A04F6	RT41048	RADAR SYSTEMS	16	17	0
15A81A04F6	RT4104A	OPTICAL COMMUNICATION	17	5	0
15A81A04F6	RT4104L	V L S I LAB	19	30	2
15A81A04F6	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A81A04F7	RT41041	VLSI DESIGN	18	40	3
15A81A04F7	RT41042	COMPUTER NETWORKS	21	28	3
15A81A04F7	RT41043	DIGITAL IMAGE PROCESSING	22	8	0
15A81A04F7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	33	3
15A81A04F7	RT41048	RADAR SYSTEMS	25	32	3
15A81A04F7	RT4104A	OPTICAL COMMUNICATION	23	15	0
15A81A04F7	RT4104L	V L S I LAB	21	32	2
15A81A04F7	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15A81A04F8	RT41041	VLSI DESIGN	24	48	3
15A81A04F8	RT41042	COMPUTER NETWORKS	25	46	3
15A81A04F8	RT41043	DIGITAL IMAGE PROCESSING	21	49	3
15A81A04F8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	39	3
15A81A04F8	RT41048	RADAR SYSTEMS	30	43	3
15A81A04F8	RT4104A	OPTICAL COMMUNICATION	29	44	3
15A81A04F8	RT4104L	V L S I LAB	23	49	2
15A81A04F8	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A04F9	RT41041	VLSI DESIGN	20	38	3
15A81A04F9	RT41042	COMPUTER NETWORKS	24	45	3
15A81A04F9	RT41043	DIGITAL IMAGE PROCESSING	21	40	3
15A81A04F9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
15A81A04F9	RT41048	RADAR SYSTEMS	23	26	3
15A81A04F9	RT4104A	OPTICAL COMMUNICATION	30	24	3
15A81A04F9	RT4104L	V L S I LAB	22	40	2
15A81A04F9	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15A81A04G0	RT41041	VLSI DESIGN	20	27	3
15A81A04G0	RT41042	COMPUTER NETWORKS	23	40	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04G0	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15A81A04G0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	39	3
15A81A04G0	RT41048	RADAR SYSTEMS	28	40	3
15A81A04G0	RT4104A	OPTICAL COMMUNICATION	26	45	3
15A81A04G0	RT4104L	V L S I LAB	23	39	2
15A81A04G0	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15A81A04G1	RT41041	VLSI DESIGN	19	52	3
15A81A04G1	RT41042	COMPUTER NETWORKS	26	34	3
15A81A04G1	RT41043	DIGITAL IMAGE PROCESSING	24	28	3
15A81A04G1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
15A81A04G1	RT41048	RADAR SYSTEMS	30	39	3
15A81A04G1	RT4104A	OPTICAL COMMUNICATION	29	31	3
15A81A04G1	RT4104L	V L S I LAB	23	48	2
15A81A04G1	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A04G2	RT41041	VLSI DESIGN	22	41	3
15A81A04G2	RT41042	COMPUTER NETWORKS	26	31	3
15A81A04G2	RT41043	DIGITAL IMAGE PROCESSING	23	33	3
15A81A04G2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	24	3
15A81A04G2	RT41048	RADAR SYSTEMS	27	42	3
15A81A04G2	RT4104A	OPTICAL COMMUNICATION	22	35	3
15A81A04G2	RT4104L	V L S I LAB	23	34	2
15A81A04G2	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15A81A04G3	RT41041	VLSI DESIGN	24	49	3
15A81A04G3	RT41042	COMPUTER NETWORKS	25	26	3
15A81A04G3	RT41043	DIGITAL IMAGE PROCESSING	23	31	3
15A81A04G3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	32	3
15A81A04G3	RT41048	RADAR SYSTEMS	26	33	3
15A81A04G3	RT4104A	OPTICAL COMMUNICATION	30	31	3
15A81A04G3	RT4104L	V L S I LAB	23	48	2
15A81A04G3	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15A81A04G5	RT41041	VLSI DESIGN	20	54	3
15A81A04G5	RT41042	COMPUTER NETWORKS	25	27	3
15A81A04G5	RT41043	DIGITAL IMAGE PROCESSING	24	36	3
15A81A04G5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	32	3
15A81A04G5	RT41048	RADAR SYSTEMS	22	37	3
15A81A04G5	RT4104A	OPTICAL COMMUNICATION	25	26	3
15A81A04G5	RT4104L	V L S I LAB	22	48	2
15A81A04G5	RT4104M	MICROWAVE ENGINEERING LAB	25	42	2
15A81A04G7	RT41041	VLSI DESIGN	18	43	3
15A81A04G7	RT41042	COMPUTER NETWORKS	25	31	3
15A81A04G7	RT41043	DIGITAL IMAGE PROCESSING	17	6	0
15A81A04G7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	35	3
15A81A04G7	RT41048	RADAR SYSTEMS	25	29	3
15A81A04G7	RT4104A	OPTICAL COMMUNICATION	28	28	3
15A81A04G7	RT4104L	V L S I LAB	19	42	2
15A81A04G7	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15A81A04G8	RT41041	VLSI DESIGN	18	46	3
15A81A04G8	RT41042	COMPUTER NETWORKS	24	32	3
15A81A04G8	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
15A81A04G8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04G8	RT41048	RADAR SYSTEMS	30	31	3
15A81A04G8	RT4104A	OPTICAL COMMUNICATION	28	26	3
15A81A04G8	RT4104L	V L S I LAB	24	49	2
15A81A04G8	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15A81A04G9	RT41041	VLSI DESIGN	16	36	3
15A81A04G9	RT41042	COMPUTER NETWORKS	22	26	3
15A81A04G9	RT41043	DIGITAL IMAGE PROCESSING	18	24	3
15A81A04G9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	29	3
15A81A04G9	RT41048	RADAR SYSTEMS	18	30	3
15A81A04G9	RT4104A	OPTICAL COMMUNICATION	28	30	3
15A81A04G9	RT4104L	V L S I LAB	20	38	2
15A81A04G9	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
15A81A04H0	RT41041	VLSI DESIGN	17	59	3
15A81A04H0	RT41042	COMPUTER NETWORKS	25	37	3
15A81A04H0	RT41043	DIGITAL IMAGE PROCESSING	23	40	3
15A81A04H0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	47	3
15A81A04H0	RT41048	RADAR SYSTEMS	24	42	3
15A81A04H0	RT4104A	OPTICAL COMMUNICATION	22	28	3
15A81A04H0	RT4104L	V L S I LAB	19	40	2
15A81A04H0	RT4104M	MICROWAVE ENGINEERING LAB	24	41	2
15A81A04H2	RT41041	VLSI DESIGN	21	53	3
15A81A04H2	RT41042	COMPUTER NETWORKS	25	36	3
15A81A04H2	RT41043	DIGITAL IMAGE PROCESSING	25	25	3
15A81A04H2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	52	3
15A81A04H2	RT41048	RADAR SYSTEMS	27	46	3
15A81A04H2	RT4104A	OPTICAL COMMUNICATION	26	43	3
15A81A04H2	RT4104L	V L S I LAB	22	49	2
15A81A04H2	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15A81A04H3	RT41041	VLSI DESIGN	16	39	3
15A81A04H3	RT41042	COMPUTER NETWORKS	22	28	3
15A81A04H3	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
15A81A04H3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	39	3
15A81A04H3	RT41048	RADAR SYSTEMS	17	32	3
15A81A04H3	RT4104A	OPTICAL COMMUNICATION	21	28	3
15A81A04H3	RT4104L	V L S I LAB	23	48	2
15A81A04H3	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15A81A04H4	RT41041	VLSI DESIGN	8	4	0
15A81A04H4	RT41042	COMPUTER NETWORKS	17	24	3
15A81A04H4	RT41043	DIGITAL IMAGE PROCESSING	7	5	0
15A81A04H4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	12	0
15A81A04H4	RT41048	RADAR SYSTEMS	16	24	3
15A81A04H4	RT4104A	OPTICAL COMMUNICATION	12	5	0
15A81A04H4	RT4104L	V L S I LAB	19	30	2
15A81A04H4	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
15A81A04H5	RT41041	VLSI DESIGN	17	47	3
15A81A04H5	RT41042	COMPUTER NETWORKS	21	41	3
15A81A04H5	RT41043	DIGITAL IMAGE PROCESSING	24	43	3
15A81A04H5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	44	3
15A81A04H5	RT41048	RADAR SYSTEMS	29	48	3
15A81A04H5	RT4104A	OPTICAL COMMUNICATION	26	54	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A04H5	RT4104L	V L S I LAB	23	41	2
15A81A04H5	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15A81A04H7	RT41041	VLSI DESIGN	13	16	0
15A81A04H7	RT41042	COMPUTER NETWORKS	19	25	3
15A81A04H7	RT41043	DIGITAL IMAGE PROCESSING	16	6	0
15A81A04H7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	9	0
15A81A04H7	RT41048	RADAR SYSTEMS	16	10	0
15A81A04H7	RT4104A	OPTICAL COMMUNICATION	21	7	0
15A81A04H7	RT4104L	V L S I LAB	19	38	2
15A81A04H7	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15A81A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	53	3
15A81A0501	RT41052	UML AND DESIGN PATTERNS	26	28	3
15A81A0501	RT41053	MOBILE COMPUTING	25	33	3
15A81A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	24	58	3
15A81A0501	RT4105B	HADOOP AND BIG DATA	30	51	3
15A81A0501	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0501	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A0501	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	30	3
15A81A0502	RT41052	UML AND DESIGN PATTERNS	20	25	3
15A81A0502	RT41053	MOBILE COMPUTING	18	13	0
15A81A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	16	10	0
15A81A0502	RT4105B	HADOOP AND BIG DATA	22	15	0
15A81A0502	RT4105L	UML AND DESIGN PATTERNS LAB	23	40	2
15A81A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	25	2
15A81A0502	RT4105N	SOFTWARE TESTING LAB	19	40	2
15A81A0502	RT4105O	HADOOP AND BIGDATA LAB	19	34	2
15A81A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	39	3
15A81A0505	RT41052	UML AND DESIGN PATTERNS	27	57	3
15A81A0505	RT41053	MOBILE COMPUTING	29	48	3
15A81A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	30	57	3
15A81A0505	RT4105B	HADOOP AND BIG DATA	23	49	3
15A81A0505	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0505	RT4105N	SOFTWARE TESTING LAB	23	41	2
15A81A0505	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	38	3
15A81A0506	RT41052	UML AND DESIGN PATTERNS	26	50	3
15A81A0506	RT41053	MOBILE COMPUTING	28	44	3
15A81A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	28	46	3
15A81A0506	RT4105B	HADOOP AND BIG DATA	25	54	3
15A81A0506	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A81A0506	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0506	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	30	3
15A81A0508	RT41052	UML AND DESIGN PATTERNS	23	53	3
15A81A0508	RT41053	MOBILE COMPUTING	20	33	3
15A81A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	22	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0508	RT4105B	HADOOP AND BIG DATA	26	33	3
15A81A0508	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15A81A0508	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0508	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15A81A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	45	3
15A81A0509	RT41052	UML AND DESIGN PATTERNS	21	45	3
15A81A0509	RT41053	MOBILE COMPUTING	25	31	3
15A81A0509	RT41054	SOFTWARE TESTING METHODOLOGIES	24	50	3
15A81A0509	RT4105B	HADOOP AND BIG DATA	23	40	3
15A81A0509	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0509	RT4105N	SOFTWARE TESTING LAB	23	41	2
15A81A0509	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A81A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	51	3
15A81A0510	RT41052	UML AND DESIGN PATTERNS	26	56	3
15A81A0510	RT41053	MOBILE COMPUTING	28	58	3
15A81A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	26	65	3
15A81A0510	RT4105B	HADOOP AND BIG DATA	30	55	3
15A81A0510	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0510	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0510	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0511	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	15	0
15A81A0511	RT41052	UML AND DESIGN PATTERNS	22	26	3
15A81A0511	RT41053	MOBILE COMPUTING	21	32	3
15A81A0511	RT41054	SOFTWARE TESTING METHODOLOGIES	21	25	3
15A81A0511	RT4105B	HADOOP AND BIG DATA	17	17	0
15A81A0511	RT4105L	UML AND DESIGN PATTERNS LAB	23	39	2
15A81A0511	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	28	2
15A81A0511	RT4105N	SOFTWARE TESTING LAB	20	40	2
15A81A0511	RT4105O	HADOOP AND BIGDATA LAB	22	33	2
15A81A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	33	3
15A81A0512	RT41052	UML AND DESIGN PATTERNS	24	17	0
15A81A0512	RT41053	MOBILE COMPUTING	22	30	3
15A81A0512	RT41054	SOFTWARE TESTING METHODOLOGIES	16	1	0
15A81A0512	RT4105B	HADOOP AND BIG DATA	17	26	3
15A81A0512	RT4105L	UML AND DESIGN PATTERNS LAB	23	40	2
15A81A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	30	2
15A81A0512	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A0512	RT4105O	HADOOP AND BIGDATA LAB	23	37	2
15A81A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	20	0
15A81A0513	RT41052	UML AND DESIGN PATTERNS	23	26	3
15A81A0513	RT41053	MOBILE COMPUTING	22	7	0
15A81A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	26	15	0
15A81A0513	RT4105B	HADOOP AND BIG DATA	23	9	0
15A81A0513	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15A81A0513	RT4105N	SOFTWARE TESTING LAB	21	45	2
15A81A0513	RT4105O	HADOOP AND BIGDATA LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
15A81A0514	RT41052	UML AND DESIGN PATTERNS	26	55	3
15A81A0514	RT41053	MOBILE COMPUTING	26	44	3
15A81A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	24	60	3
15A81A0514	RT4105B	HADOOP AND BIG DATA	22	69	3
15A81A0514	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0514	RT4105N	SOFTWARE TESTING LAB	21	40	2
15A81A0514	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3
15A81A0515	RT41052	UML AND DESIGN PATTERNS	23	46	3
15A81A0515	RT41053	MOBILE COMPUTING	23	55	3
15A81A0515	RT41054	SOFTWARE TESTING METHODOLOGIES	25	44	3
15A81A0515	RT4105B	HADOOP AND BIG DATA	22	41	3
15A81A0515	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A0515	RT4105N	SOFTWARE TESTING LAB	23	42	2
15A81A0515	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	6	0
15A81A0516	RT41052	UML AND DESIGN PATTERNS	19	0	0
15A81A0516	RT41053	MOBILE COMPUTING	19	29	3
15A81A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	14	26	3
15A81A0516	RT4105B	HADOOP AND BIG DATA	17	24	3
15A81A0516	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15A81A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	39	2
15A81A0516	RT4105N	SOFTWARE TESTING LAB	21	40	2
15A81A0516	RT4105O	HADOOP AND BIGDATA LAB	23	42	2
15A81A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15A81A0517	RT41052	UML AND DESIGN PATTERNS	23	51	3
15A81A0517	RT41053	MOBILE COMPUTING	26	47	3
15A81A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	27	54	3
15A81A0517	RT4105B	HADOOP AND BIG DATA	25	43	3
15A81A0517	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A81A0517	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0517	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	46	3
15A81A0518	RT41052	UML AND DESIGN PATTERNS	26	51	3
15A81A0518	RT41053	MOBILE COMPUTING	25	51	3
15A81A0518	RT41054	SOFTWARE TESTING METHODOLOGIES	29	61	3
15A81A0518	RT4105B	HADOOP AND BIG DATA	29	70	3
15A81A0518	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0518	RT4105N	SOFTWARE TESTING LAB	24	44	2
15A81A0518	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15A81A0519	RT41052	UML AND DESIGN PATTERNS	27	49	3
15A81A0519	RT41053	MOBILE COMPUTING	27	37	3
15A81A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	28	41	3
15A81A0519	RT4105B	HADOOP AND BIG DATA	26	44	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0519	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A0519	RT4105N	SOFTWARE TESTING LAB	22	40	2
15A81A0519	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	36	3
15A81A0520	RT41052	UML AND DESIGN PATTERNS	23	35	3
15A81A0520	RT41053	MOBILE COMPUTING	24	51	3
15A81A0520	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15A81A0520	RT4105B	HADOOP AND BIG DATA	23	42	3
15A81A0520	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A81A0520	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0520	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A81A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	27	3
15A81A0521	RT41052	UML AND DESIGN PATTERNS	18	30	3
15A81A0521	RT41053	MOBILE COMPUTING	20	24	3
15A81A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	16	37	3
15A81A0521	RT4105B	HADOOP AND BIG DATA	14	32	3
15A81A0521	RT4105L	UML AND DESIGN PATTERNS LAB	23	39	2
15A81A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15A81A0521	RT4105N	SOFTWARE TESTING LAB	19	43	2
15A81A0521	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	37	3
15A81A0522	RT41052	UML AND DESIGN PATTERNS	23	27	3
15A81A0522	RT41053	MOBILE COMPUTING	22	24	3
15A81A0522	RT41054	SOFTWARE TESTING METHODOLOGIES	22	28	3
15A81A0522	RT4105B	HADOOP AND BIG DATA	26	24	3
15A81A0522	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15A81A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	27	2
15A81A0522	RT4105N	SOFTWARE TESTING LAB	20	42	2
15A81A0522	RT4105O	HADOOP AND BIGDATA LAB	18	20	2
15A81A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	44	3
15A81A0523	RT41052	UML AND DESIGN PATTERNS	29	45	3
15A81A0523	RT41053	MOBILE COMPUTING	26	54	3
15A81A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	28	52	3
15A81A0523	RT4105B	HADOOP AND BIG DATA	25	36	3
15A81A0523	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A81A0523	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A81A0523	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A81A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	31	3
15A81A0524	RT41052	UML AND DESIGN PATTERNS	21	34	3
15A81A0524	RT41053	MOBILE COMPUTING	22	44	3
15A81A0524	RT41054	SOFTWARE TESTING METHODOLOGIES	14	37	3
15A81A0524	RT4105B	HADOOP AND BIG DATA	14	26	3
15A81A0524	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A81A0524	RT4105N	SOFTWARE TESTING LAB	24	43	2
15A81A0524	RT4105O	HADOOP AND BIGDATA LAB	20	33	2
15A81A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	28	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0525	RT41052	UML AND DESIGN PATTERNS	24	38	3
15A81A0525	RT41053	MOBILE COMPUTING	25	35	3
15A81A0525	RT41054	SOFTWARE TESTING METHODOLOGIES	23	40	3
15A81A0525	RT4105B	HADOOP AND BIG DATA	22	41	3
15A81A0525	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A81A0525	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A0525	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	62	3
15A81A0526	RT41052	UML AND DESIGN PATTERNS	25	37	3
15A81A0526	RT41053	MOBILE COMPUTING	28	40	3
15A81A0526	RT41054	SOFTWARE TESTING METHODOLOGIES	27	52	3
15A81A0526	RT4105B	HADOOP AND BIG DATA	27	63	3
15A81A0526	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A0526	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0526	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	35	3
15A81A0527	RT41052	UML AND DESIGN PATTERNS	25	35	3
15A81A0527	RT41053	MOBILE COMPUTING	26	38	3
15A81A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	25	49	3
15A81A0527	RT4105B	HADOOP AND BIG DATA	21	36	3
15A81A0527	RT4105L	UML AND DESIGN PATTERNS LAB	25	45	2
15A81A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0527	RT4105N	SOFTWARE TESTING LAB	24	42	2
15A81A0527	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15A81A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	42	3
15A81A0528	RT41052	UML AND DESIGN PATTERNS	28	34	3
15A81A0528	RT41053	MOBILE COMPUTING	27	39	3
15A81A0528	RT41054	SOFTWARE TESTING METHODOLOGIES	27	49	3
15A81A0528	RT4105B	HADOOP AND BIG DATA	26	46	3
15A81A0528	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15A81A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A81A0528	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0528	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	39	3
15A81A0529	RT41052	UML AND DESIGN PATTERNS	27	43	3
15A81A0529	RT41053	MOBILE COMPUTING	26	41	3
15A81A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	26	49	3
15A81A0529	RT4105B	HADOOP AND BIG DATA	23	50	3
15A81A0529	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	41	2
15A81A0529	RT4105N	SOFTWARE TESTING LAB	24	44	2
15A81A0529	RT4105O	HADOOP AND BIGDATA LAB	24	45	2
15A81A0530	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	58	3
15A81A0530	RT41052	UML AND DESIGN PATTERNS	27	40	3
15A81A0530	RT41053	MOBILE COMPUTING	24	34	3
15A81A0530	RT41054	SOFTWARE TESTING METHODOLOGIES	27	41	3
15A81A0530	RT4105B	HADOOP AND BIG DATA	22	50	3
15A81A0530	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0530	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15A81A0530	RT4105N	SOFTWARE TESTING LAB	24	40	2
15A81A0530	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A81A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	54	3
15A81A0531	RT41052	UML AND DESIGN PATTERNS	27	49	3
15A81A0531	RT41053	MOBILE COMPUTING	24	33	3
15A81A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	26	41	3
15A81A0531	RT4105B	HADOOP AND BIG DATA	27	36	3
15A81A0531	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15A81A0531	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A0531	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A81A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	45	3
15A81A0532	RT41052	UML AND DESIGN PATTERNS	25	33	3
15A81A0532	RT41053	MOBILE COMPUTING	26	44	3
15A81A0532	RT41054	SOFTWARE TESTING METHODOLOGIES	26	49	3
15A81A0532	RT4105B	HADOOP AND BIG DATA	27	50	3
15A81A0532	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A81A0532	RT4105N	SOFTWARE TESTING LAB	24	43	2
15A81A0532	RT4105O	HADOOP AND BIGDATA LAB	24	44	2
15A81A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
15A81A0533	RT41052	UML AND DESIGN PATTERNS	25	41	3
15A81A0533	RT41053	MOBILE COMPUTING	26	38	3
15A81A0533	RT41054	SOFTWARE TESTING METHODOLOGIES	26	41	3
15A81A0533	RT4105B	HADOOP AND BIG DATA	24	48	3
15A81A0533	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A0533	RT4105N	SOFTWARE TESTING LAB	21	43	2
15A81A0533	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15A81A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	59	3
15A81A0534	RT41052	UML AND DESIGN PATTERNS	24	41	3
15A81A0534	RT41053	MOBILE COMPUTING	23	30	3
15A81A0534	RT41054	SOFTWARE TESTING METHODOLOGIES	25	43	3
15A81A0534	RT4105B	HADOOP AND BIG DATA	25	35	3
15A81A0534	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A0534	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0534	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A81A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
15A81A0536	RT41052	UML AND DESIGN PATTERNS	27	31	3
15A81A0536	RT41053	MOBILE COMPUTING	22	41	3
15A81A0536	RT41054	SOFTWARE TESTING METHODOLOGIES	21	41	3
15A81A0536	RT4105B	HADOOP AND BIG DATA	23	33	3
15A81A0536	RT4105L	UML AND DESIGN PATTERNS LAB	24	50	2
15A81A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A81A0536	RT4105N	SOFTWARE TESTING LAB	21	45	2
15A81A0536	RT4105O	HADOOP AND BIGDATA LAB	25	45	2
15A81A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	9	0
15A81A0537	RT41052	UML AND DESIGN PATTERNS	16	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0537	RT41053	MOBILE COMPUTING	19	30	3
15A81A0537	RT41054	SOFTWARE TESTING METHODOLOGIES	18	16	0
15A81A0537	RT4105B	HADOOP AND BIG DATA	19	31	3
15A81A0537	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15A81A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	28	2
15A81A0537	RT4105N	SOFTWARE TESTING LAB	23	40	2
15A81A0537	RT4105O	HADOOP AND BIGDATA LAB	22	30	2
15A81A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	37	3
15A81A0538	RT41052	UML AND DESIGN PATTERNS	22	37	3
15A81A0538	RT41053	MOBILE COMPUTING	23	33	3
15A81A0538	RT41054	SOFTWARE TESTING METHODOLOGIES	22	45	3
15A81A0538	RT4105B	HADOOP AND BIG DATA	22	42	3
15A81A0538	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0538	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0538	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	50	3
15A81A0539	RT41052	UML AND DESIGN PATTERNS	27	51	3
15A81A0539	RT41053	MOBILE COMPUTING	23	33	3
15A81A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	19	31	3
15A81A0539	RT4105B	HADOOP AND BIG DATA	19	42	3
15A81A0539	RT4105L	UML AND DESIGN PATTERNS LAB	25	45	2
15A81A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15A81A0539	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A81A0539	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15A81A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	42	3
15A81A0540	RT41052	UML AND DESIGN PATTERNS	24	34	3
15A81A0540	RT41053	MOBILE COMPUTING	27	41	3
15A81A0540	RT41054	SOFTWARE TESTING METHODOLOGIES	28	44	3
15A81A0540	RT4105B	HADOOP AND BIG DATA	26	40	3
15A81A0540	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A81A0540	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0540	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15A81A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	26	3
15A81A0541	RT41052	UML AND DESIGN PATTERNS	24	33	3
15A81A0541	RT41053	MOBILE COMPUTING	19	34	3
15A81A0541	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15A81A0541	RT4105B	HADOOP AND BIG DATA	21	48	3
15A81A0541	RT4105L	UML AND DESIGN PATTERNS LAB	25	45	2
15A81A0541	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15A81A0541	RT4105N	SOFTWARE TESTING LAB	21	48	2
15A81A0541	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	31	3
15A81A0542	RT41052	UML AND DESIGN PATTERNS	22	40	3
15A81A0542	RT41053	MOBILE COMPUTING	23	37	3
15A81A0542	RT41054	SOFTWARE TESTING METHODOLOGIES	21	44	3
15A81A0542	RT4105B	HADOOP AND BIG DATA	17	43	3
15A81A0542	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0542	RT4105N	SOFTWARE TESTING LAB	22	40	2
15A81A0542	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	47	3
15A81A0543	RT41052	UML AND DESIGN PATTERNS	26	40	3
15A81A0543	RT41053	MOBILE COMPUTING	25	31	3
15A81A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	26	50	3
15A81A0543	RT4105B	HADOOP AND BIG DATA	25	46	3
15A81A0543	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15A81A0543	RT4105N	SOFTWARE TESTING LAB	24	44	2
15A81A0543	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15A81A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	29	3
15A81A0544	RT41052	UML AND DESIGN PATTERNS	20	25	3
15A81A0544	RT41053	MOBILE COMPUTING	19	18	0
15A81A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	22	20	0
15A81A0544	RT4105B	HADOOP AND BIG DATA	13	27	3
15A81A0544	RT4105L	UML AND DESIGN PATTERNS LAB	21	39	2
15A81A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	15	28	2
15A81A0544	RT4105N	SOFTWARE TESTING LAB	21	40	2
15A81A0544	RT4105O	HADOOP AND BIGDATA LAB	17	22	2
15A81A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	39	3
15A81A0545	RT41052	UML AND DESIGN PATTERNS	27	31	3
15A81A0545	RT41053	MOBILE COMPUTING	26	33	3
15A81A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	25	44	3
15A81A0545	RT4105B	HADOOP AND BIG DATA	25	49	3
15A81A0545	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A0545	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0545	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15A81A0546	RT41052	UML AND DESIGN PATTERNS	27	44	3
15A81A0546	RT41053	MOBILE COMPUTING	26	47	3
15A81A0546	RT41054	SOFTWARE TESTING METHODOLOGIES	27	49	3
15A81A0546	RT4105B	HADOOP AND BIG DATA	30	46	3
15A81A0546	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A0546	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0546	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	57	3
15A81A0547	RT41052	UML AND DESIGN PATTERNS	28	56	3
15A81A0547	RT41053	MOBILE COMPUTING	26	33	3
15A81A0547	RT41054	SOFTWARE TESTING METHODOLOGIES	30	57	3
15A81A0547	RT4105B	HADOOP AND BIG DATA	28	59	3
15A81A0547	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A0547	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0547	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
15A81A0548	RT41052	UML AND DESIGN PATTERNS	23	28	3
15A81A0548	RT41053	MOBILE COMPUTING	21	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	18	26	3
15A81A0548	RT4105B	HADOOP AND BIG DATA	17	0	0
15A81A0548	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15A81A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2
15A81A0548	RT4105N	SOFTWARE TESTING LAB	21	43	2
15A81A0548	RT4105O	HADOOP AND BIGDATA LAB	18	27	2
15A81A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	33	3
15A81A0549	RT41052	UML AND DESIGN PATTERNS	26	30	3
15A81A0549	RT41053	MOBILE COMPUTING	25	34	3
15A81A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	26	39	3
15A81A0549	RT4105B	HADOOP AND BIG DATA	22	47	3
15A81A0549	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15A81A0549	RT4105N	SOFTWARE TESTING LAB	21	42	2
15A81A0549	RT4105O	HADOOP AND BIGDATA LAB	22	42	2
15A81A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
15A81A0550	RT41052	UML AND DESIGN PATTERNS	25	39	3
15A81A0550	RT41053	MOBILE COMPUTING	23	38	3
15A81A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	28	44	3
15A81A0550	RT4105B	HADOOP AND BIG DATA	21	42	3
15A81A0550	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15A81A0550	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0550	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	59	3
15A81A0551	RT41052	UML AND DESIGN PATTERNS	28	47	3
15A81A0551	RT41053	MOBILE COMPUTING	24	35	3
15A81A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	28	60	3
15A81A0551	RT4105B	HADOOP AND BIG DATA	27	54	3
15A81A0551	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A0551	RT4105N	SOFTWARE TESTING LAB	22	46	2
15A81A0551	RT4105O	HADOOP AND BIGDATA LAB	25	42	2
15A81A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	54	3
15A81A0552	RT41052	UML AND DESIGN PATTERNS	26	36	3
15A81A0552	RT41053	MOBILE COMPUTING	27	45	3
15A81A0552	RT41054	SOFTWARE TESTING METHODOLOGIES	27	62	3
15A81A0552	RT4105B	HADOOP AND BIG DATA	28	33	3
15A81A0552	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A81A0552	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A81A0552	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	14	0
15A81A0553	RT41052	UML AND DESIGN PATTERNS	20	30	3
15A81A0553	RT41053	MOBILE COMPUTING	21	34	3
15A81A0553	RT41054	SOFTWARE TESTING METHODOLOGIES	23	15	0
15A81A0553	RT4105B	HADOOP AND BIG DATA	15	39	3
15A81A0553	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15A81A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A0553	RT4105N	SOFTWARE TESTING LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0553	RT4105O	HADOOP AND BIGDATA LAB	21	30	2
15A81A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	38	3
15A81A0554	RT41052	UML AND DESIGN PATTERNS	27	45	3
15A81A0554	RT41053	MOBILE COMPUTING	28	49	3
15A81A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	28	56	3
15A81A0554	RT4105B	HADOOP AND BIG DATA	21	47	3
15A81A0554	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A0554	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A81A0554	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	64	3
15A81A0555	RT41052	UML AND DESIGN PATTERNS	27	52	3
15A81A0555	RT41053	MOBILE COMPUTING	20	35	3
15A81A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	26	46	3
15A81A0555	RT4105B	HADOOP AND BIG DATA	29	46	3
15A81A0555	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A81A0555	RT4105N	SOFTWARE TESTING LAB	19	40	2
15A81A0555	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3
15A81A0556	RT41052	UML AND DESIGN PATTERNS	25	41	3
15A81A0556	RT41053	MOBILE COMPUTING	20	38	3
15A81A0556	RT41054	SOFTWARE TESTING METHODOLOGIES	24	45	3
15A81A0556	RT4105B	HADOOP AND BIG DATA	20	39	3
15A81A0556	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15A81A0556	RT4105N	SOFTWARE TESTING LAB	21	42	2
15A81A0556	RT4105O	HADOOP AND BIGDATA LAB	24	42	2
15A81A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	18	0
15A81A0557	RT41052	UML AND DESIGN PATTERNS	24	24	3
15A81A0557	RT41053	MOBILE COMPUTING	22	29	3
15A81A0557	RT41054	SOFTWARE TESTING METHODOLOGIES	24	24	3
15A81A0557	RT4105B	HADOOP AND BIG DATA	24	43	3
15A81A0557	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	37	2
15A81A0557	RT4105N	SOFTWARE TESTING LAB	20	40	2
15A81A0557	RT4105O	HADOOP AND BIGDATA LAB	22	30	2
15A81A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15A81A0558	RT41052	UML AND DESIGN PATTERNS	26	43	3
15A81A0558	RT41053	MOBILE COMPUTING	22	34	3
15A81A0558	RT41054	SOFTWARE TESTING METHODOLOGIES	23	47	3
15A81A0558	RT4105B	HADOOP AND BIG DATA	21	51	3
15A81A0558	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15A81A0558	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A81A0558	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A81A0559	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	18	0
15A81A0559	RT41052	UML AND DESIGN PATTERNS	23	35	3
15A81A0559	RT41053	MOBILE COMPUTING	20	14	0
15A81A0559	RT41054	SOFTWARE TESTING METHODOLOGIES	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0559	RT4105B	HADOOP AND BIG DATA	15	17	0
15A81A0559	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A0559	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	37	2
15A81A0559	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A81A0559	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15A81A0560	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
15A81A0560	RT41052	UML AND DESIGN PATTERNS	27	44	3
15A81A0560	RT41053	MOBILE COMPUTING	22	46	3
15A81A0560	RT41054	SOFTWARE TESTING METHODOLOGIES	23	63	3
15A81A0560	RT4105B	HADOOP AND BIG DATA	21	33	3
15A81A0560	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A0560	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A0560	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0560	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A81A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	35	3
15A81A0561	RT41052	UML AND DESIGN PATTERNS	22	27	3
15A81A0561	RT41053	MOBILE COMPUTING	24	30	3
15A81A0561	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
15A81A0561	RT4105B	HADOOP AND BIG DATA	19	44	3
15A81A0561	RT4105L	UML AND DESIGN PATTERNS LAB	20	40	2
15A81A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15A81A0561	RT4105N	SOFTWARE TESTING LAB	23	42	2
15A81A0561	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
15A81A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	37	3
15A81A0562	RT41052	UML AND DESIGN PATTERNS	26	44	3
15A81A0562	RT41053	MOBILE COMPUTING	28	33	3
15A81A0562	RT41054	SOFTWARE TESTING METHODOLOGIES	26	54	3
15A81A0562	RT4105B	HADOOP AND BIG DATA	27	52	3
15A81A0562	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15A81A0562	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0562	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A81A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	58	3
15A81A0563	RT41052	UML AND DESIGN PATTERNS	20	60	3
15A81A0563	RT41053	MOBILE COMPUTING	27	35	3
15A81A0563	RT41054	SOFTWARE TESTING METHODOLOGIES	27	48	3
15A81A0563	RT4105B	HADOOP AND BIG DATA	25	55	3
15A81A0563	RT4105L	UML AND DESIGN PATTERNS LAB	20	40	2
15A81A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A0563	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0563	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15A81A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	31	3
15A81A0564	RT41052	UML AND DESIGN PATTERNS	17	31	3
15A81A0564	RT41053	MOBILE COMPUTING	18	47	3
15A81A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	25	29	3
15A81A0564	RT4105B	HADOOP AND BIG DATA	20	33	3
15A81A0564	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15A81A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A0564	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0564	RT4105O	HADOOP AND BIGDATA LAB	20	41	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	33	3
15A81A0565	RT41052	UML AND DESIGN PATTERNS	21	30	3
15A81A0565	RT41053	MOBILE COMPUTING	25	36	3
15A81A0565	RT41054	SOFTWARE TESTING METHODOLOGIES	25	44	3
15A81A0565	RT4105B	HADOOP AND BIG DATA	29	47	3
15A81A0565	RT4105L	UML AND DESIGN PATTERNS LAB	22	42	2
15A81A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15A81A0565	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0565	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	30	3
15A81A0566	RT41052	UML AND DESIGN PATTERNS	23	39	3
15A81A0566	RT41053	MOBILE COMPUTING	19	29	3
15A81A0566	RT41054	SOFTWARE TESTING METHODOLOGIES	23	16	0
15A81A0566	RT4105B	HADOOP AND BIG DATA	20	42	3
15A81A0566	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0566	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A0566	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A81A0567	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	57	3
15A81A0567	RT41052	UML AND DESIGN PATTERNS	23	44	3
15A81A0567	RT41053	MOBILE COMPUTING	26	37	3
15A81A0567	RT41054	SOFTWARE TESTING METHODOLOGIES	24	50	3
15A81A0567	RT4105B	HADOOP AND BIG DATA	21	50	3
15A81A0567	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
15A81A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
15A81A0567	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A0567	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15A81A0568	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	34	3
15A81A0568	RT41052	UML AND DESIGN PATTERNS	22	27	3
15A81A0568	RT41053	MOBILE COMPUTING	21	27	3
15A81A0568	RT41054	SOFTWARE TESTING METHODOLOGIES	20	25	3
15A81A0568	RT4105B	HADOOP AND BIG DATA	20	24	3
15A81A0568	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A81A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0568	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A81A0568	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15A81A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	45	3
15A81A0569	RT41052	UML AND DESIGN PATTERNS	17	17	0
15A81A0569	RT41053	MOBILE COMPUTING	20	44	3
15A81A0569	RT41054	SOFTWARE TESTING METHODOLOGIES	24	38	3
15A81A0569	RT4105B	HADOOP AND BIG DATA	25	36	3
15A81A0569	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15A81A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A0569	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0569	RT4105O	HADOOP AND BIGDATA LAB	25	36	2
15A81A0570	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	27	3
15A81A0570	RT41052	UML AND DESIGN PATTERNS	17	28	3
15A81A0570	RT41053	MOBILE COMPUTING	19	37	3
15A81A0570	RT41054	SOFTWARE TESTING METHODOLOGIES	18	31	3
15A81A0570	RT4105B	HADOOP AND BIG DATA	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0570	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A0570	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15A81A0570	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0570	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15A81A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	45	3
15A81A0571	RT41052	UML AND DESIGN PATTERNS	19	41	3
15A81A0571	RT41053	MOBILE COMPUTING	23	33	3
15A81A0571	RT41054	SOFTWARE TESTING METHODOLOGIES	21	46	3
15A81A0571	RT4105B	HADOOP AND BIG DATA	19	50	3
15A81A0571	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15A81A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A0571	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0571	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15A81A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
15A81A0572	RT41052	UML AND DESIGN PATTERNS	24	26	3
15A81A0572	RT41053	MOBILE COMPUTING	23	27	3
15A81A0572	RT41054	SOFTWARE TESTING METHODOLOGIES	23	53	3
15A81A0572	RT4105B	HADOOP AND BIG DATA	19	32	3
15A81A0572	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A0572	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A81A0572	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A0573	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	52	3
15A81A0573	RT41052	UML AND DESIGN PATTERNS	29	35	3
15A81A0573	RT41053	MOBILE COMPUTING	29	47	3
15A81A0573	RT41054	SOFTWARE TESTING METHODOLOGIES	28	47	3
15A81A0573	RT4105B	HADOOP AND BIG DATA	28	43	3
15A81A0573	RT4105L	UML AND DESIGN PATTERNS LAB	25	44	2
15A81A0573	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A81A0573	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0573	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A81A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	9	0
15A81A0574	RT41052	UML AND DESIGN PATTERNS	22	33	3
15A81A0574	RT41053	MOBILE COMPUTING	21	24	3
15A81A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	20	15	0
15A81A0574	RT4105B	HADOOP AND BIG DATA	24	32	3
15A81A0574	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A81A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A0574	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A0574	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15A81A0575	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	50	3
15A81A0575	RT41052	UML AND DESIGN PATTERNS	22	47	3
15A81A0575	RT41053	MOBILE COMPUTING	21	35	3
15A81A0575	RT41054	SOFTWARE TESTING METHODOLOGIES	27	43	3
15A81A0575	RT4105B	HADOOP AND BIG DATA	24	57	3
15A81A0575	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A0575	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A81A0575	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A81A0575	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15A81A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	35	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0576	RT41052	UML AND DESIGN PATTERNS	18	36	3
15A81A0576	RT41053	MOBILE COMPUTING	24	45	3
15A81A0576	RT41054	SOFTWARE TESTING METHODOLOGIES	27	51	3
15A81A0576	RT4105B	HADOOP AND BIG DATA	25	51	3
15A81A0576	RT4105L	UML AND DESIGN PATTERNS LAB	22	39	2
15A81A0576	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0576	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0576	RT4105O	HADOOP AND BIGDATA LAB	23	50	2
15A81A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	27	3
15A81A0577	RT41052	UML AND DESIGN PATTERNS	19	32	3
15A81A0577	RT41053	MOBILE COMPUTING	17	11	0
15A81A0577	RT41054	SOFTWARE TESTING METHODOLOGIES	18	33	3
15A81A0577	RT4105B	HADOOP AND BIG DATA	15	25	3
15A81A0577	RT4105L	UML AND DESIGN PATTERNS LAB	21	41	2
15A81A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A81A0577	RT4105N	SOFTWARE TESTING LAB	22	43	2
15A81A0577	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
15A81A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	32	3
15A81A0578	RT41052	UML AND DESIGN PATTERNS	22	44	3
15A81A0578	RT41053	MOBILE COMPUTING	24	34	3
15A81A0578	RT41054	SOFTWARE TESTING METHODOLOGIES	25	53	3
15A81A0578	RT4105B	HADOOP AND BIG DATA	27	43	3
15A81A0578	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A81A0578	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0578	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A0578	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A81A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	47	3
15A81A0579	RT41052	UML AND DESIGN PATTERNS	23	36	3
15A81A0579	RT41053	MOBILE COMPUTING	29	29	3
15A81A0579	RT41054	SOFTWARE TESTING METHODOLOGIES	25	48	3
15A81A0579	RT4105B	HADOOP AND BIG DATA	22	46	3
15A81A0579	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A81A0579	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0579	RT4105O	HADOOP AND BIGDATA LAB	25	45	2
15A81A0580	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	41	3
15A81A0580	RT41052	UML AND DESIGN PATTERNS	26	35	3
15A81A0580	RT41053	MOBILE COMPUTING	26	49	3
15A81A0580	RT41054	SOFTWARE TESTING METHODOLOGIES	26	48	3
15A81A0580	RT4105B	HADOOP AND BIG DATA	25	59	3
15A81A0580	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A0580	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A0580	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A0580	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15A81A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	45	3
15A81A0581	RT41052	UML AND DESIGN PATTERNS	24	28	3
15A81A0581	RT41053	MOBILE COMPUTING	23	31	3
15A81A0581	RT41054	SOFTWARE TESTING METHODOLOGIES	25	42	3
15A81A0581	RT4105B	HADOOP AND BIG DATA	27	39	3
15A81A0581	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0581	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0581	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A81A0582	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	32	3
15A81A0582	RT41052	UML AND DESIGN PATTERNS	22	42	3
15A81A0582	RT41053	MOBILE COMPUTING	19	29	3
15A81A0582	RT41054	SOFTWARE TESTING METHODOLOGIES	20	43	3
15A81A0582	RT4105B	HADOOP AND BIG DATA	20	31	3
15A81A0582	RT4105L	UML AND DESIGN PATTERNS LAB	20	43	2
15A81A0582	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A81A0582	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A0582	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	46	3
15A81A0583	RT41052	UML AND DESIGN PATTERNS	20	28	3
15A81A0583	RT41053	MOBILE COMPUTING	15	29	3
15A81A0583	RT41054	SOFTWARE TESTING METHODOLOGIES	21	29	3
15A81A0583	RT4105B	HADOOP AND BIG DATA	17	53	3
15A81A0583	RT4105L	UML AND DESIGN PATTERNS LAB	18	39	2
15A81A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	42	2
15A81A0583	RT4105N	SOFTWARE TESTING LAB	22	44	2
15A81A0583	RT4105O	HADOOP AND BIGDATA LAB	22	41	2
15A81A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	24	3
15A81A0584	RT41052	UML AND DESIGN PATTERNS	23	26	3
15A81A0584	RT41053	MOBILE COMPUTING	25	28	3
15A81A0584	RT41054	SOFTWARE TESTING METHODOLOGIES	22	42	3
15A81A0584	RT4105B	HADOOP AND BIG DATA	26	39	3
15A81A0584	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A81A0584	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A0584	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15A81A0585	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	26	3
15A81A0585	RT41052	UML AND DESIGN PATTERNS	24	35	3
15A81A0585	RT41053	MOBILE COMPUTING	22	37	3
15A81A0585	RT41054	SOFTWARE TESTING METHODOLOGIES	24	43	3
15A81A0585	RT4105B	HADOOP AND BIG DATA	21	42	3
15A81A0585	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A0585	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
15A81A0585	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0585	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A81A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	10	0
15A81A0586	RT41052	UML AND DESIGN PATTERNS	22	35	3
15A81A0586	RT41053	MOBILE COMPUTING	22	32	3
15A81A0586	RT41054	SOFTWARE TESTING METHODOLOGIES	26	51	3
15A81A0586	RT4105B	HADOOP AND BIG DATA	25	41	3
15A81A0586	RT4105L	UML AND DESIGN PATTERNS LAB	18	39	2
15A81A0586	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A81A0586	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A81A0586	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A81A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	55	3
15A81A0587	RT41052	UML AND DESIGN PATTERNS	22	50	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0587	RT41053	MOBILE COMPUTING	20	32	3
15A81A0587	RT41054	SOFTWARE TESTING METHODOLOGIES	24	42	3
15A81A0587	RT4105B	HADOOP AND BIG DATA	19	37	3
15A81A0587	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15A81A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0587	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A81A0587	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A81A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	30	3
15A81A0588	RT41052	UML AND DESIGN PATTERNS	22	16	0
15A81A0588	RT41053	MOBILE COMPUTING	18	29	3
15A81A0588	RT41054	SOFTWARE TESTING METHODOLOGIES	22	28	3
15A81A0588	RT4105B	HADOOP AND BIG DATA	18	29	3
15A81A0588	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A0588	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A0588	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A81A0588	RT4105O	HADOOP AND BIGDATA LAB	19	44	2
15A81A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	49	3
15A81A0589	RT41052	UML AND DESIGN PATTERNS	23	31	3
15A81A0589	RT41053	MOBILE COMPUTING	24	39	3
15A81A0589	RT41054	SOFTWARE TESTING METHODOLOGIES	26	40	3
15A81A0589	RT4105B	HADOOP AND BIG DATA	23	39	3
15A81A0589	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A0589	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A0589	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A0589	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15A81A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
15A81A0590	RT41052	UML AND DESIGN PATTERNS	23	37	3
15A81A0590	RT41053	MOBILE COMPUTING	23	25	3
15A81A0590	RT41054	SOFTWARE TESTING METHODOLOGIES	23	34	3
15A81A0590	RT4105B	HADOOP AND BIG DATA	22	41	3
15A81A0590	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A0590	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A0590	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A0590	RT4105O	HADOOP AND BIGDATA LAB	25	41	2
15A81A0591	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	60	3
15A81A0591	RT41052	UML AND DESIGN PATTERNS	21	51	3
15A81A0591	RT41053	MOBILE COMPUTING	27	40	3
15A81A0591	RT41054	SOFTWARE TESTING METHODOLOGIES	19	43	3
15A81A0591	RT4105B	HADOOP AND BIG DATA	20	49	3
15A81A0591	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A0591	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15A81A0591	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A0591	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A0592	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	11	0
15A81A0592	RT41052	UML AND DESIGN PATTERNS	18	14	0
15A81A0592	RT41053	MOBILE COMPUTING	18	18	0
15A81A0592	RT41054	SOFTWARE TESTING METHODOLOGIES	18	25	3
15A81A0592	RT4105B	HADOOP AND BIG DATA	16	0	0
15A81A0592	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15A81A0592	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0592	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A81A0592	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A0593	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	28	3
15A81A0593	RT41052	UML AND DESIGN PATTERNS	22	32	3
15A81A0593	RT41053	MOBILE COMPUTING	22	37	3
15A81A0593	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
15A81A0593	RT4105B	HADOOP AND BIG DATA	20	36	3
15A81A0593	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A0593	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0593	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A0593	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15A81A0594	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15A81A0594	RT41052	UML AND DESIGN PATTERNS	23	42	3
15A81A0594	RT41053	MOBILE COMPUTING	22	37	3
15A81A0594	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
15A81A0594	RT4105B	HADOOP AND BIG DATA	19	30	3
15A81A0594	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A0594	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A0594	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A0594	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15A81A0595	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	61	3
15A81A0595	RT41052	UML AND DESIGN PATTERNS	26	52	3
15A81A0595	RT41053	MOBILE COMPUTING	21	35	3
15A81A0595	RT41054	SOFTWARE TESTING METHODOLOGIES	25	48	3
15A81A0595	RT4105B	HADOOP AND BIG DATA	26	61	3
15A81A0595	RT4105L	UML AND DESIGN PATTERNS LAB	24	42	2
15A81A0595	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0595	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0595	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A81A0596	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	32	3
15A81A0596	RT41052	UML AND DESIGN PATTERNS	20	27	3
15A81A0596	RT41053	MOBILE COMPUTING	21	40	3
15A81A0596	RT41054	SOFTWARE TESTING METHODOLOGIES	25	46	3
15A81A0596	RT4105B	HADOOP AND BIG DATA	22	60	3
15A81A0596	RT4105L	UML AND DESIGN PATTERNS LAB	23	41	2
15A81A0596	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A0596	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0596	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A81A0597	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	54	3
15A81A0597	RT41052	UML AND DESIGN PATTERNS	23	36	3
15A81A0597	RT41053	MOBILE COMPUTING	19	44	3
15A81A0597	RT41054	SOFTWARE TESTING METHODOLOGIES	24	42	3
15A81A0597	RT4105B	HADOOP AND BIG DATA	24	40	3
15A81A0597	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A0597	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15A81A0597	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A0597	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15A81A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	28	3
15A81A0598	RT41052	UML AND DESIGN PATTERNS	22	38	3
15A81A0598	RT41053	MOBILE COMPUTING	20	29	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	19	36	3
15A81A0598	RT4105B	HADOOP AND BIG DATA	14	31	3
15A81A0598	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A81A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	44	2
15A81A0598	RT4105N	SOFTWARE TESTING LAB	23	43	2
15A81A0598	RT4105O	HADOOP AND BIGDATA LAB	22	39	2
15A81A0599	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	64	3
15A81A0599	RT41052	UML AND DESIGN PATTERNS	24	44	3
15A81A0599	RT41053	MOBILE COMPUTING	27	35	3
15A81A0599	RT41054	SOFTWARE TESTING METHODOLOGIES	28	60	3
15A81A0599	RT4105B	HADOOP AND BIG DATA	25	54	3
15A81A0599	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15A81A0599	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A0599	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A0599	RT4105O	HADOOP AND BIGDATA LAB	25	42	2
15A81A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	3	0
15A81A05A0	RT41052	UML AND DESIGN PATTERNS	19	11	0
15A81A05A0	RT41053	MOBILE COMPUTING	18	16	0
15A81A05A0	RT41054	SOFTWARE TESTING METHODOLOGIES	20	24	3
15A81A05A0	RT4105B	HADOOP AND BIG DATA	20	24	3
15A81A05A0	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A81A05A0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A81A05A0	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A05A0	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15A81A05A1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	50	3
15A81A05A1	RT41052	UML AND DESIGN PATTERNS	21	31	3
15A81A05A1	RT41053	MOBILE COMPUTING	24	38	3
15A81A05A1	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15A81A05A1	RT4105B	HADOOP AND BIG DATA	27	39	3
15A81A05A1	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A81A05A1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A05A1	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05A1	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A81A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	41	3
15A81A05A2	RT41052	UML AND DESIGN PATTERNS	22	44	3
15A81A05A2	RT41053	MOBILE COMPUTING	29	47	3
15A81A05A2	RT41054	SOFTWARE TESTING METHODOLOGIES	27	54	3
15A81A05A2	RT4105B	HADOOP AND BIG DATA	27	48	3
15A81A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15A81A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A81A05A2	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05A2	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15A81A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	60	3
15A81A05A3	RT41052	UML AND DESIGN PATTERNS	25	35	3
15A81A05A3	RT41053	MOBILE COMPUTING	21	28	3
15A81A05A3	RT41054	SOFTWARE TESTING METHODOLOGIES	22	39	3
15A81A05A3	RT4105B	HADOOP AND BIG DATA	16	33	3
15A81A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	21	47	2
15A81A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05A3	RT4105N	SOFTWARE TESTING LAB	24	46	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05A3	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05A5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	44	3
15A81A05A5	RT41052	UML AND DESIGN PATTERNS	25	38	3
15A81A05A5	RT41053	MOBILE COMPUTING	23	43	3
15A81A05A5	RT41054	SOFTWARE TESTING METHODOLOGIES	23	42	3
15A81A05A5	RT4105B	HADOOP AND BIG DATA	20	62	3
15A81A05A5	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05A5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05A5	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05A5	RT4105O	HADOOP AND BIGDATA LAB	24	41	2
15A81A05A6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	53	3
15A81A05A6	RT41052	UML AND DESIGN PATTERNS	27	32	3
15A81A05A6	RT41053	MOBILE COMPUTING	26	39	3
15A81A05A6	RT41054	SOFTWARE TESTING METHODOLOGIES	28	51	3
15A81A05A6	RT4105B	HADOOP AND BIG DATA	28	40	3
15A81A05A6	RT4105L	UML AND DESIGN PATTERNS LAB	21	43	2
15A81A05A6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05A6	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05A6	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A81A05A7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	37	3
15A81A05A7	RT41052	UML AND DESIGN PATTERNS	26	44	3
15A81A05A7	RT41053	MOBILE COMPUTING	27	35	3
15A81A05A7	RT41054	SOFTWARE TESTING METHODOLOGIES	24	48	3
15A81A05A7	RT4105B	HADOOP AND BIG DATA	24	38	3
15A81A05A7	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A05A7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05A7	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05A7	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05A8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	44	3
15A81A05A8	RT41052	UML AND DESIGN PATTERNS	24	49	3
15A81A05A8	RT41053	MOBILE COMPUTING	24	29	3
15A81A05A8	RT41054	SOFTWARE TESTING METHODOLOGIES	24	53	3
15A81A05A8	RT4105B	HADOOP AND BIG DATA	24	38	3
15A81A05A8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05A8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15A81A05A8	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05A8	RT4105O	HADOOP AND BIGDATA LAB	24	41	2
15A81A05A9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	43	3
15A81A05A9	RT41052	UML AND DESIGN PATTERNS	24	43	3
15A81A05A9	RT41053	MOBILE COMPUTING	26	44	3
15A81A05A9	RT41054	SOFTWARE TESTING METHODOLOGIES	24	46	3
15A81A05A9	RT4105B	HADOOP AND BIG DATA	21	63	3
15A81A05A9	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15A81A05A9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05A9	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05A9	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
15A81A05B0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	28	3
15A81A05B0	RT41052	UML AND DESIGN PATTERNS	24	36	3
15A81A05B0	RT41053	MOBILE COMPUTING	24	36	3
15A81A05B0	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05B0	RT4105B	HADOOP AND BIG DATA	23	36	3
15A81A05B0	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05B0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05B0	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05B0	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05B1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	37	3
15A81A05B1	RT41052	UML AND DESIGN PATTERNS	25	43	3
15A81A05B1	RT41053	MOBILE COMPUTING	27	34	3
15A81A05B1	RT41054	SOFTWARE TESTING METHODOLOGIES	24	58	3
15A81A05B1	RT4105B	HADOOP AND BIG DATA	24	50	3
15A81A05B1	RT4105L	UML AND DESIGN PATTERNS LAB	21	43	2
15A81A05B1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A05B1	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A81A05B1	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A81A05B2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	57	3
15A81A05B2	RT41052	UML AND DESIGN PATTERNS	23	38	3
15A81A05B2	RT41053	MOBILE COMPUTING	14	32	3
15A81A05B2	RT41054	SOFTWARE TESTING METHODOLOGIES	23	46	3
15A81A05B2	RT4105B	HADOOP AND BIG DATA	19	47	3
15A81A05B2	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A05B2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15A81A05B2	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05B2	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15A81A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	36	3
15A81A05B3	RT41052	UML AND DESIGN PATTERNS	21	38	3
15A81A05B3	RT41053	MOBILE COMPUTING	17	38	3
15A81A05B3	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
15A81A05B3	RT4105B	HADOOP AND BIG DATA	20	25	3
15A81A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A81A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A05B3	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A05B3	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A81A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	41	3
15A81A05B4	RT41052	UML AND DESIGN PATTERNS	24	33	3
15A81A05B4	RT41053	MOBILE COMPUTING	29	41	3
15A81A05B4	RT41054	SOFTWARE TESTING METHODOLOGIES	23	41	3
15A81A05B4	RT4105B	HADOOP AND BIG DATA	25	36	3
15A81A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05B4	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A05B4	RT4105O	HADOOP AND BIGDATA LAB	25	43	2
15A81A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	26	3
15A81A05B5	RT41052	UML AND DESIGN PATTERNS	17	29	3
15A81A05B5	RT41053	MOBILE COMPUTING	19	16	0
15A81A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	21	26	3
15A81A05B5	RT4105B	HADOOP AND BIG DATA	17	16	0
15A81A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15A81A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A81A05B5	RT4105N	SOFTWARE TESTING LAB	22	44	2
15A81A05B5	RT4105O	HADOOP AND BIGDATA LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05B6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	60	3
15A81A05B6	RT41052	UML AND DESIGN PATTERNS	23	53	3
15A81A05B6	RT41053	MOBILE COMPUTING	22	33	3
15A81A05B6	RT41054	SOFTWARE TESTING METHODOLOGIES	26	49	3
15A81A05B6	RT4105B	HADOOP AND BIG DATA	23	55	3
15A81A05B6	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05B6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15A81A05B6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05B6	RT4105O	HADOOP AND BIGDATA LAB	25	45	2
15A81A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
15A81A05B7	RT41052	UML AND DESIGN PATTERNS	18	28	3
15A81A05B7	RT41053	MOBILE COMPUTING	23	30	3
15A81A05B7	RT41054	SOFTWARE TESTING METHODOLOGIES	24	37	3
15A81A05B7	RT4105B	HADOOP AND BIG DATA	22	42	3
15A81A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15A81A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05B7	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A05B7	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15A81A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	58	3
15A81A05B8	RT41052	UML AND DESIGN PATTERNS	22	57	3
15A81A05B8	RT41053	MOBILE COMPUTING	24	59	3
15A81A05B8	RT41054	SOFTWARE TESTING METHODOLOGIES	26	50	3
15A81A05B8	RT4105B	HADOOP AND BIG DATA	21	44	3
15A81A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A05B8	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A81A05B8	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A81A05B9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	62	3
15A81A05B9	RT41052	UML AND DESIGN PATTERNS	23	51	3
15A81A05B9	RT41053	MOBILE COMPUTING	26	40	3
15A81A05B9	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15A81A05B9	RT4105B	HADOOP AND BIG DATA	23	51	3
15A81A05B9	RT4105L	UML AND DESIGN PATTERNS LAB	20	47	2
15A81A05B9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05B9	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A05B9	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15A81A05C0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	47	3
15A81A05C0	RT41052	UML AND DESIGN PATTERNS	27	53	3
15A81A05C0	RT41053	MOBILE COMPUTING	29	42	3
15A81A05C0	RT41054	SOFTWARE TESTING METHODOLOGIES	28	55	3
15A81A05C0	RT4105B	HADOOP AND BIG DATA	29	51	3
15A81A05C0	RT4105L	UML AND DESIGN PATTERNS LAB	20	48	2
15A81A05C0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A81A05C0	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A05C0	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A05C1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	32	3
15A81A05C1	RT41052	UML AND DESIGN PATTERNS	23	45	3
15A81A05C1	RT41053	MOBILE COMPUTING	21	35	3
15A81A05C1	RT41054	SOFTWARE TESTING METHODOLOGIES	25	30	3
15A81A05C1	RT4105B	HADOOP AND BIG DATA	20	18	0

Htno	Subcode	Subname	Internal	External	Credits
15A81A05C1	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A05C1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	38	2
15A81A05C1	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A05C1	RT4105O	HADOOP AND BIGDATA LAB	16	12	0
15A81A05C2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	44	3
15A81A05C2	RT41052	UML AND DESIGN PATTERNS	20	55	3
15A81A05C2	RT41053	MOBILE COMPUTING	20	32	3
15A81A05C2	RT41054	SOFTWARE TESTING METHODOLOGIES	21	36	3
15A81A05C2	RT4105B	HADOOP AND BIG DATA	18	36	3
15A81A05C2	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A05C2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	38	2
15A81A05C2	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05C2	RT4105O	HADOOP AND BIGDATA LAB	19	10	0
15A81A05C3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	39	3
15A81A05C3	RT41052	UML AND DESIGN PATTERNS	29	43	3
15A81A05C3	RT41053	MOBILE COMPUTING	26	39	3
15A81A05C3	RT41054	SOFTWARE TESTING METHODOLOGIES	29	50	3
15A81A05C3	RT4105B	HADOOP AND BIG DATA	26	47	3
15A81A05C3	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A81A05C3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
15A81A05C3	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05C3	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15A81A05C4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	41	3
15A81A05C4	RT41052	UML AND DESIGN PATTERNS	28	52	3
15A81A05C4	RT41053	MOBILE COMPUTING	26	37	3
15A81A05C4	RT41054	SOFTWARE TESTING METHODOLOGIES	28	46	3
15A81A05C4	RT4105B	HADOOP AND BIG DATA	23	58	3
15A81A05C4	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A05C4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A05C4	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05C4	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A05C5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	37	3
15A81A05C5	RT41052	UML AND DESIGN PATTERNS	23	50	3
15A81A05C5	RT41053	MOBILE COMPUTING	25	40	3
15A81A05C5	RT41054	SOFTWARE TESTING METHODOLOGIES	27	34	3
15A81A05C5	RT4105B	HADOOP AND BIG DATA	23	50	3
15A81A05C5	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A81A05C5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
15A81A05C5	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05C5	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
15A81A05C6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	43	3
15A81A05C6	RT41052	UML AND DESIGN PATTERNS	25	26	3
15A81A05C6	RT41053	MOBILE COMPUTING	25	45	3
15A81A05C6	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
15A81A05C6	RT4105B	HADOOP AND BIG DATA	22	30	3
15A81A05C6	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A81A05C6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A05C6	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A81A05C6	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15A81A05C7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05C7	RT41052	UML AND DESIGN PATTERNS	18	25	3
15A81A05C7	RT41053	MOBILE COMPUTING	18	11	0
15A81A05C7	RT41054	SOFTWARE TESTING METHODOLOGIES	16	29	3
15A81A05C7	RT4105B	HADOOP AND BIG DATA	12	3	0
15A81A05C7	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A05C7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	26	2
15A81A05C7	RT4105N	SOFTWARE TESTING LAB	19	42	2
15A81A05C7	RT4105O	HADOOP AND BIGDATA LAB	15	0	0
15A81A05C8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	36	3
15A81A05C8	RT41052	UML AND DESIGN PATTERNS	24	50	3
15A81A05C8	RT41053	MOBILE COMPUTING	25	34	3
15A81A05C8	RT41054	SOFTWARE TESTING METHODOLOGIES	26	52	3
15A81A05C8	RT4105B	HADOOP AND BIG DATA	21	38	3
15A81A05C8	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05C8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A05C8	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05C8	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A81A05C9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	41	3
15A81A05C9	RT41052	UML AND DESIGN PATTERNS	27	53	3
15A81A05C9	RT41053	MOBILE COMPUTING	27	54	3
15A81A05C9	RT41054	SOFTWARE TESTING METHODOLOGIES	29	58	3
15A81A05C9	RT4105B	HADOOP AND BIG DATA	24	67	3
15A81A05C9	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A05C9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A05C9	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05C9	RT4105O	HADOOP AND BIGDATA LAB	22	35	2
15A81A05D0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	35	3
15A81A05D0	RT41052	UML AND DESIGN PATTERNS	17	16	0
15A81A05D0	RT41053	MOBILE COMPUTING	18	3	0
15A81A05D0	RT41054	SOFTWARE TESTING METHODOLOGIES	23	26	3
15A81A05D0	RT4105B	HADOOP AND BIG DATA	15	25	3
15A81A05D0	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15A81A05D0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	28	2
15A81A05D0	RT4105N	SOFTWARE TESTING LAB	19	43	2
15A81A05D0	RT4105O	HADOOP AND BIGDATA LAB	15	0	0
15A81A05D1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	50	3
15A81A05D1	RT41052	UML AND DESIGN PATTERNS	27	44	3
15A81A05D1	RT41053	MOBILE COMPUTING	26	41	3
15A81A05D1	RT41054	SOFTWARE TESTING METHODOLOGIES	28	49	3
15A81A05D1	RT4105B	HADOOP AND BIG DATA	24	46	3
15A81A05D1	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A81A05D1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A05D1	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05D1	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
15A81A05D2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	34	3
15A81A05D2	RT41052	UML AND DESIGN PATTERNS	22	44	3
15A81A05D2	RT41053	MOBILE COMPUTING	26	28	3
15A81A05D2	RT41054	SOFTWARE TESTING METHODOLOGIES	26	44	3
15A81A05D2	RT4105B	HADOOP AND BIG DATA	23	33	3
15A81A05D2	RT4105L	UML AND DESIGN PATTERNS LAB	24	42	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05D2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05D2	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05D2	RT4105O	HADOOP AND BIGDATA LAB	22	31	2
15A81A05D3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	44	3
15A81A05D3	RT41052	UML AND DESIGN PATTERNS	26	52	3
15A81A05D3	RT41053	MOBILE COMPUTING	28	34	3
15A81A05D3	RT41054	SOFTWARE TESTING METHODOLOGIES	28	45	3
15A81A05D3	RT4105B	HADOOP AND BIG DATA	24	62	3
15A81A05D3	RT4105L	UML AND DESIGN PATTERNS LAB	24	44	2
15A81A05D3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15A81A05D3	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05D3	RT4105O	HADOOP AND BIGDATA LAB	22	36	2
15A81A05D4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
15A81A05D4	RT41052	UML AND DESIGN PATTERNS	24	33	3
15A81A05D4	RT41053	MOBILE COMPUTING	27	31	3
15A81A05D4	RT41054	SOFTWARE TESTING METHODOLOGIES	27	43	3
15A81A05D4	RT4105B	HADOOP AND BIG DATA	22	40	3
15A81A05D4	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05D4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A05D4	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05D4	RT4105O	HADOOP AND BIGDATA LAB	22	36	2
15A81A05D5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	50	3
15A81A05D5	RT41052	UML AND DESIGN PATTERNS	25	51	3
15A81A05D5	RT41053	MOBILE COMPUTING	27	35	3
15A81A05D5	RT41054	SOFTWARE TESTING METHODOLOGIES	25	46	3
15A81A05D5	RT4105B	HADOOP AND BIG DATA	17	42	3
15A81A05D5	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05D5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15A81A05D5	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05D5	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15A81A05D6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	38	3
15A81A05D6	RT41052	UML AND DESIGN PATTERNS	25	55	3
15A81A05D6	RT41053	MOBILE COMPUTING	24	36	3
15A81A05D6	RT41054	SOFTWARE TESTING METHODOLOGIES	25	51	3
15A81A05D6	RT4105B	HADOOP AND BIG DATA	16	41	3
15A81A05D6	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A05D6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
15A81A05D6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05D6	RT4105O	HADOOP AND BIGDATA LAB	21	30	2
15A81A05D7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	35	3
15A81A05D7	RT41052	UML AND DESIGN PATTERNS	27	50	3
15A81A05D7	RT41053	MOBILE COMPUTING	25	36	3
15A81A05D7	RT41054	SOFTWARE TESTING METHODOLOGIES	28	41	3
15A81A05D7	RT4105B	HADOOP AND BIG DATA	18	63	3
15A81A05D7	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05D7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A05D7	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05D7	RT4105O	HADOOP AND BIGDATA LAB	22	37	2
15A81A05D8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	36	3
15A81A05D8	RT41052	UML AND DESIGN PATTERNS	26	25	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05D8	RT41053	MOBILE COMPUTING	23	45	3
15A81A05D8	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15A81A05D8	RT4105B	HADOOP AND BIG DATA	19	30	3
15A81A05D8	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05D8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A05D8	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05D8	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A05D9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	33	3
15A81A05D9	RT41052	UML AND DESIGN PATTERNS	24	43	3
15A81A05D9	RT41053	MOBILE COMPUTING	26	34	3
15A81A05D9	RT41054	SOFTWARE TESTING METHODOLOGIES	27	41	3
15A81A05D9	RT4105B	HADOOP AND BIG DATA	22	48	3
15A81A05D9	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05D9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A05D9	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05D9	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15A81A05E0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	16	0
15A81A05E0	RT41052	UML AND DESIGN PATTERNS	21	27	3
15A81A05E0	RT41053	MOBILE COMPUTING	18	24	3
15A81A05E0	RT41054	SOFTWARE TESTING METHODOLOGIES	20	32	3
15A81A05E0	RT4105B	HADOOP AND BIG DATA	20	26	3
15A81A05E0	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05E0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15A81A05E0	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A05E0	RT4105O	HADOOP AND BIGDATA LAB	22	42	2
15A81A05E1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15A81A05E1	RT41052	UML AND DESIGN PATTERNS	24	47	3
15A81A05E1	RT41053	MOBILE COMPUTING	26	35	3
15A81A05E1	RT41054	SOFTWARE TESTING METHODOLOGIES	28	43	3
15A81A05E1	RT4105B	HADOOP AND BIG DATA	22	52	3
15A81A05E1	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A05E1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05E1	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A81A05E1	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05E2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	30	3
15A81A05E2	RT41052	UML AND DESIGN PATTERNS	24	30	3
15A81A05E2	RT41053	MOBILE COMPUTING	25	29	3
15A81A05E2	RT41054	SOFTWARE TESTING METHODOLOGIES	27	26	3
15A81A05E2	RT4105B	HADOOP AND BIG DATA	19	24	3
15A81A05E2	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A05E2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15A81A05E2	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05E2	RT4105O	HADOOP AND BIGDATA LAB	20	30	2
15A81A05E3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	41	3
15A81A05E3	RT41052	UML AND DESIGN PATTERNS	25	41	3
15A81A05E3	RT41053	MOBILE COMPUTING	22	44	3
15A81A05E3	RT41054	SOFTWARE TESTING METHODOLOGIES	27	36	3
15A81A05E3	RT4105B	HADOOP AND BIG DATA	19	34	3
15A81A05E3	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05E3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	39	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05E3	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A05E3	RT4105O	HADOOP AND BIGDATA LAB	22	32	2
15A81A05E4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	65	3
15A81A05E4	RT41052	UML AND DESIGN PATTERNS	27	56	3
15A81A05E4	RT41053	MOBILE COMPUTING	26	42	3
15A81A05E4	RT41054	SOFTWARE TESTING METHODOLOGIES	26	38	3
15A81A05E4	RT4105B	HADOOP AND BIG DATA	24	53	3
15A81A05E4	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A05E4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A05E4	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A81A05E4	RT4105O	HADOOP AND BIGDATA LAB	22	34	2
15A81A05E5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	36	3
15A81A05E5	RT41052	UML AND DESIGN PATTERNS	25	36	3
15A81A05E5	RT41053	MOBILE COMPUTING	24	27	3
15A81A05E5	RT41054	SOFTWARE TESTING METHODOLOGIES	26	52	3
15A81A05E5	RT4105B	HADOOP AND BIG DATA	21	40	3
15A81A05E5	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A05E5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A81A05E5	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05E5	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A81A05E6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3
15A81A05E6	RT41052	UML AND DESIGN PATTERNS	26	30	3
15A81A05E6	RT41053	MOBILE COMPUTING	27	40	3
15A81A05E6	RT41054	SOFTWARE TESTING METHODOLOGIES	26	42	3
15A81A05E6	RT4105B	HADOOP AND BIG DATA	22	43	3
15A81A05E6	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05E6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A05E6	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05E6	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A81A05E7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	28	3
15A81A05E7	RT41052	UML AND DESIGN PATTERNS	19	34	3
15A81A05E7	RT41053	MOBILE COMPUTING	22	29	3
15A81A05E7	RT41054	SOFTWARE TESTING METHODOLOGIES	26	34	3
15A81A05E7	RT4105B	HADOOP AND BIG DATA	17	32	3
15A81A05E7	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A05E7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05E7	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05E7	RT4105O	HADOOP AND BIGDATA LAB	21	28	2
15A81A05E8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
15A81A05E8	RT41052	UML AND DESIGN PATTERNS	20	35	3
15A81A05E8	RT41053	MOBILE COMPUTING	21	24	3
15A81A05E8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	42	3
15A81A05E8	RT4105B	HADOOP AND BIG DATA	20	42	3
15A81A05E8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05E8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05E8	RT4105N	SOFTWARE TESTING LAB	21	45	2
15A81A05E8	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
15A81A05F0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	29	3
15A81A05F0	RT41052	UML AND DESIGN PATTERNS	19	35	3
15A81A05F0	RT41053	MOBILE COMPUTING	24	26	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05F0	RT41054	SOFTWARE TESTING METHODOLOGIES	28	28	3
15A81A05F0	RT4105B	HADOOP AND BIG DATA	17	25	3
15A81A05F0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05F0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	39	2
15A81A05F0	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05F0	RT4105O	HADOOP AND BIGDATA LAB	21	32	2
15A81A05F1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	45	3
15A81A05F1	RT41052	UML AND DESIGN PATTERNS	27	32	3
15A81A05F1	RT41053	MOBILE COMPUTING	29	38	3
15A81A05F1	RT41054	SOFTWARE TESTING METHODOLOGIES	30	55	3
15A81A05F1	RT4105B	HADOOP AND BIG DATA	27	41	3
15A81A05F1	RT4105L	UML AND DESIGN PATTERNS LAB	25	46	2
15A81A05F1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15A81A05F1	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05F1	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15A81A05F2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15A81A05F2	RT41052	UML AND DESIGN PATTERNS	25	45	3
15A81A05F2	RT41053	MOBILE COMPUTING	26	35	3
15A81A05F2	RT41054	SOFTWARE TESTING METHODOLOGIES	27	17	0
15A81A05F2	RT4105B	HADOOP AND BIG DATA	24	41	3
15A81A05F2	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05F2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A05F2	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A81A05F2	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A81A05F3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	52	3
15A81A05F3	RT41052	UML AND DESIGN PATTERNS	26	58	3
15A81A05F3	RT41053	MOBILE COMPUTING	25	40	3
15A81A05F3	RT41054	SOFTWARE TESTING METHODOLOGIES	26	46	3
15A81A05F3	RT4105B	HADOOP AND BIG DATA	21	24	3
15A81A05F3	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05F3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A81A05F3	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A05F3	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
15A81A05F4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	41	3
15A81A05F4	RT41052	UML AND DESIGN PATTERNS	25	35	3
15A81A05F4	RT41053	MOBILE COMPUTING	24	38	3
15A81A05F4	RT41054	SOFTWARE TESTING METHODOLOGIES	28	43	3
15A81A05F4	RT4105B	HADOOP AND BIG DATA	21	34	3
15A81A05F4	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05F4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A05F4	RT4105N	SOFTWARE TESTING LAB	24	43	2
15A81A05F4	RT4105O	HADOOP AND BIGDATA LAB	23	37	2
15A81A05F5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	42	3
15A81A05F5	RT41052	UML AND DESIGN PATTERNS	25	25	3
15A81A05F5	RT41053	MOBILE COMPUTING	21	33	3
15A81A05F5	RT41054	SOFTWARE TESTING METHODOLOGIES	29	52	3
15A81A05F5	RT4105B	HADOOP AND BIG DATA	23	36	3
15A81A05F5	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05F5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15A81A05F5	RT4105N	SOFTWARE TESTING LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05F5	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A81A05F6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	33	3
15A81A05F6	RT41052	UML AND DESIGN PATTERNS	24	43	3
15A81A05F6	RT41053	MOBILE COMPUTING	26	40	3
15A81A05F6	RT41054	SOFTWARE TESTING METHODOLOGIES	25	50	3
15A81A05F6	RT4105B	HADOOP AND BIG DATA	24	40	3
15A81A05F6	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05F6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A81A05F6	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05F6	RT4105O	HADOOP AND BIGDATA LAB	23	37	2
15A81A05F7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	59	3
15A81A05F7	RT41052	UML AND DESIGN PATTERNS	22	42	3
15A81A05F7	RT41053	MOBILE COMPUTING	18	34	3
15A81A05F7	RT41054	SOFTWARE TESTING METHODOLOGIES	23	45	3
15A81A05F7	RT4105B	HADOOP AND BIG DATA	16	33	3
15A81A05F7	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05F7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15A81A05F7	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05F7	RT4105O	HADOOP AND BIGDATA LAB	19	36	2
15A81A05F8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15A81A05F8	RT41052	UML AND DESIGN PATTERNS	27	42	3
15A81A05F8	RT41053	MOBILE COMPUTING	29	40	3
15A81A05F8	RT41054	SOFTWARE TESTING METHODOLOGIES	29	49	3
15A81A05F8	RT4105B	HADOOP AND BIG DATA	24	43	3
15A81A05F8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05F8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15A81A05F8	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05F8	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A05F9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	24	3
15A81A05F9	RT41052	UML AND DESIGN PATTERNS	25	30	3
15A81A05F9	RT41053	MOBILE COMPUTING	26	31	3
15A81A05F9	RT41054	SOFTWARE TESTING METHODOLOGIES	26	37	3
15A81A05F9	RT4105B	HADOOP AND BIG DATA	22	35	3
15A81A05F9	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05F9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A05F9	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05F9	RT4105O	HADOOP AND BIGDATA LAB	22	35	2
15A81A05G0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	28	3
15A81A05G0	RT41052	UML AND DESIGN PATTERNS	25	42	3
15A81A05G0	RT41053	MOBILE COMPUTING	24	37	3
15A81A05G0	RT41054	SOFTWARE TESTING METHODOLOGIES	25	47	3
15A81A05G0	RT4105B	HADOOP AND BIG DATA	18	34	3
15A81A05G0	RT4105L	UML AND DESIGN PATTERNS LAB	24	45	2
15A81A05G0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
15A81A05G0	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05G0	RT4105O	HADOOP AND BIGDATA LAB	22	34	2
15A81A05G1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	44	3
15A81A05G1	RT41052	UML AND DESIGN PATTERNS	20	30	3
15A81A05G1	RT41053	MOBILE COMPUTING	21	24	3
15A81A05G1	RT41054	SOFTWARE TESTING METHODOLOGIES	17	28	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05G1	RT4105B	HADOOP AND BIG DATA	18	38	3
15A81A05G1	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A05G1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05G1	RT4105N	SOFTWARE TESTING LAB	21	42	2
15A81A05G1	RT4105O	HADOOP AND BIGDATA LAB	21	31	2
15A81A05G2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3
15A81A05G2	RT41052	UML AND DESIGN PATTERNS	27	45	3
15A81A05G2	RT41053	MOBILE COMPUTING	27	38	3
15A81A05G2	RT41054	SOFTWARE TESTING METHODOLOGIES	27	51	3
15A81A05G2	RT4105B	HADOOP AND BIG DATA	24	43	3
15A81A05G2	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15A81A05G2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A05G2	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05G2	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15A81A05G3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	36	3
15A81A05G3	RT41052	UML AND DESIGN PATTERNS	17	30	3
15A81A05G3	RT41053	MOBILE COMPUTING	18	32	3
15A81A05G3	RT41054	SOFTWARE TESTING METHODOLOGIES	14	34	3
15A81A05G3	RT4105B	HADOOP AND BIG DATA	16	28	3
15A81A05G3	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05G3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A05G3	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05G3	RT4105O	HADOOP AND BIGDATA LAB	21	37	2
15A81A05G4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15A81A05G4	RT41052	UML AND DESIGN PATTERNS	26	40	3
15A81A05G4	RT41053	MOBILE COMPUTING	24	29	3
15A81A05G4	RT41054	SOFTWARE TESTING METHODOLOGIES	28	35	3
15A81A05G4	RT4105B	HADOOP AND BIG DATA	22	48	3
15A81A05G4	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05G4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A05G4	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05G4	RT4105O	HADOOP AND BIGDATA LAB	22	38	2
15A81A05G5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	48	3
15A81A05G5	RT41052	UML AND DESIGN PATTERNS	24	36	3
15A81A05G5	RT41053	MOBILE COMPUTING	22	24	3
15A81A05G5	RT41054	SOFTWARE TESTING METHODOLOGIES	19	41	3
15A81A05G5	RT4105B	HADOOP AND BIG DATA	22	32	3
15A81A05G5	RT4105L	UML AND DESIGN PATTERNS LAB	24	43	2
15A81A05G5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A05G5	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05G5	RT4105O	HADOOP AND BIGDATA LAB	22	38	2
15A81A05G6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
15A81A05G6	RT41052	UML AND DESIGN PATTERNS	24	35	3
15A81A05G6	RT41053	MOBILE COMPUTING	24	32	3
15A81A05G6	RT41054	SOFTWARE TESTING METHODOLOGIES	24	49	3
15A81A05G6	RT4105B	HADOOP AND BIG DATA	23	17	0
15A81A05G6	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05G6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15A81A05G6	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05G6	RT4105O	HADOOP AND BIGDATA LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05G7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
15A81A05G7	RT41052	UML AND DESIGN PATTERNS	19	17	0
15A81A05G7	RT41053	MOBILE COMPUTING	18	29	3
15A81A05G7	RT41054	SOFTWARE TESTING METHODOLOGIES	23	28	3
15A81A05G7	RT4105B	HADOOP AND BIG DATA	18	26	3
15A81A05G7	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A05G7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	38	2
15A81A05G7	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05G7	RT4105O	HADOOP AND BIGDATA LAB	19	26	2
15A81A05G8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	27	3
15A81A05G8	RT41052	UML AND DESIGN PATTERNS	16	36	3
15A81A05G8	RT41053	MOBILE COMPUTING	23	34	3
15A81A05G8	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
15A81A05G8	RT4105B	HADOOP AND BIG DATA	16	40	3
15A81A05G8	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A05G8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15A81A05G8	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05G8	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15A81A05H0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	51	3
15A81A05H0	RT41052	UML AND DESIGN PATTERNS	23	37	3
15A81A05H0	RT41053	MOBILE COMPUTING	25	33	3
15A81A05H0	RT41054	SOFTWARE TESTING METHODOLOGIES	28	39	3
15A81A05H0	RT4105B	HADOOP AND BIG DATA	19	61	3
15A81A05H0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05H0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15A81A05H0	RT4105N	SOFTWARE TESTING LAB	22	47	2
15A81A05H0	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A81A05H1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	36	3
15A81A05H1	RT41052	UML AND DESIGN PATTERNS	26	49	3
15A81A05H1	RT41053	MOBILE COMPUTING	24	41	3
15A81A05H1	RT41054	SOFTWARE TESTING METHODOLOGIES	27	45	3
15A81A05H1	RT4105B	HADOOP AND BIG DATA	22	38	3
15A81A05H1	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A05H1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A05H1	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05H1	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15A81A05H2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	28	3
15A81A05H2	RT41052	UML AND DESIGN PATTERNS	15	30	3
15A81A05H2	RT41053	MOBILE COMPUTING	23	34	3
15A81A05H2	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
15A81A05H2	RT4105B	HADOOP AND BIG DATA	17	27	3
15A81A05H2	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15A81A05H2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05H2	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05H2	RT4105O	HADOOP AND BIGDATA LAB	17	30	2
15A81A05H3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	32	3
15A81A05H3	RT41052	UML AND DESIGN PATTERNS	23	50	3
15A81A05H3	RT41053	MOBILE COMPUTING	28	35	3
15A81A05H3	RT41054	SOFTWARE TESTING METHODOLOGIES	29	53	3
15A81A05H3	RT4105B	HADOOP AND BIG DATA	23	46	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05H3	RT4105L	UML AND DESIGN PATTERNS LAB	23	44	2
15A81A05H3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A05H3	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05H3	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15A81A05H4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	52	3
15A81A05H4	RT41052	UML AND DESIGN PATTERNS	24	36	3
15A81A05H4	RT41053	MOBILE COMPUTING	22	29	3
15A81A05H4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	42	3
15A81A05H4	RT4105B	HADOOP AND BIG DATA	22	43	3
15A81A05H4	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05H4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	37	2
15A81A05H4	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05H4	RT4105O	HADOOP AND BIGDATA LAB	22	30	2
15A81A05H5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
15A81A05H5	RT41052	UML AND DESIGN PATTERNS	21	42	3
15A81A05H5	RT41053	MOBILE COMPUTING	25	33	3
15A81A05H5	RT41054	SOFTWARE TESTING METHODOLOGIES	28	43	3
15A81A05H5	RT4105B	HADOOP AND BIG DATA	17	31	3
15A81A05H5	RT4105L	UML AND DESIGN PATTERNS LAB	23	42	2
15A81A05H5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	36	2
15A81A05H5	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A05H5	RT4105O	HADOOP AND BIGDATA LAB	17	28	2
15A81A05H6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	11	8	0
15A81A05H6	RT41052	UML AND DESIGN PATTERNS	21	17	0
15A81A05H6	RT41053	MOBILE COMPUTING	17	10	0
15A81A05H6	RT41054	SOFTWARE TESTING METHODOLOGIES	19	10	0
15A81A05H6	RT4105B	HADOOP AND BIG DATA	16	24	3
15A81A05H6	RT4105L	UML AND DESIGN PATTERNS LAB	23	42	2
15A81A05H6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15A81A05H6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05H6	RT4105O	HADOOP AND BIGDATA LAB	20	30	2
15A81A05H7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	34	3
15A81A05H7	RT41052	UML AND DESIGN PATTERNS	23	40	3
15A81A05H7	RT41053	MOBILE COMPUTING	27	33	3
15A81A05H7	RT41054	SOFTWARE TESTING METHODOLOGIES	25	32	3
15A81A05H7	RT4105B	HADOOP AND BIG DATA	20	42	3
15A81A05H7	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15A81A05H7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A05H7	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A05H7	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15A81A05H8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	59	3
15A81A05H8	RT41052	UML AND DESIGN PATTERNS	19	45	3
15A81A05H8	RT41053	MOBILE COMPUTING	22	34	3
15A81A05H8	RT41054	SOFTWARE TESTING METHODOLOGIES	27	45	3
15A81A05H8	RT4105B	HADOOP AND BIG DATA	21	25	3
15A81A05H8	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05H8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	39	2
15A81A05H8	RT4105N	SOFTWARE TESTING LAB	23	46	2
15A81A05H8	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15A81A05H9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	30	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05H9	RT41052	UML AND DESIGN PATTERNS	21	44	3
15A81A05H9	RT41053	MOBILE COMPUTING	25	27	3
15A81A05H9	RT41054	SOFTWARE TESTING METHODOLOGIES	28	37	3
15A81A05H9	RT4105B	HADOOP AND BIG DATA	18	15	0
15A81A05H9	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15A81A05H9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A05H9	RT4105N	SOFTWARE TESTING LAB	21	44	2
15A81A05H9	RT4105O	HADOOP AND BIGDATA LAB	18	0	0
15A81A05I0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	33	3
15A81A05I0	RT41052	UML AND DESIGN PATTERNS	25	31	3
15A81A05I0	RT41053	MOBILE COMPUTING	27	34	3
15A81A05I0	RT41054	SOFTWARE TESTING METHODOLOGIES	29	43	3
15A81A05I0	RT4105B	HADOOP AND BIG DATA	20	43	3
15A81A05I0	RT4105L	UML AND DESIGN PATTERNS LAB	24	44	2
15A81A05I0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15A81A05I0	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05I0	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A81A05I1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	41	3
15A81A05I1	RT41052	UML AND DESIGN PATTERNS	24	48	3
15A81A05I1	RT41053	MOBILE COMPUTING	29	32	3
15A81A05I1	RT41054	SOFTWARE TESTING METHODOLOGIES	30	45	3
15A81A05I1	RT4105B	HADOOP AND BIG DATA	23	45	3
15A81A05I1	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05I1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05I1	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05I1	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A81A05I2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	46	3
15A81A05I2	RT41052	UML AND DESIGN PATTERNS	18	33	3
15A81A05I2	RT41053	MOBILE COMPUTING	20	34	3
15A81A05I2	RT41054	SOFTWARE TESTING METHODOLOGIES	21	35	3
15A81A05I2	RT4105B	HADOOP AND BIG DATA	17	25	3
15A81A05I2	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05I2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	43	2
15A81A05I2	RT4105N	SOFTWARE TESTING LAB	23	47	2
15A81A05I2	RT4105O	HADOOP AND BIGDATA LAB	15	22	2
15A81A05I4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15A81A05I4	RT41052	UML AND DESIGN PATTERNS	5	46	3
15A81A05I4	RT41053	MOBILE COMPUTING	26	39	3
15A81A05I4	RT41054	SOFTWARE TESTING METHODOLOGIES	26	46	3
15A81A05I4	RT4105B	HADOOP AND BIG DATA	21	36	3
15A81A05I4	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
15A81A05I4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15A81A05I4	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05I4	RT4105O	HADOOP AND BIGDATA LAB	21	34	2
15A81A05I5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	32	3
15A81A05I5	RT41052	UML AND DESIGN PATTERNS	28	36	3
15A81A05I5	RT41053	MOBILE COMPUTING	23	29	3
15A81A05I5	RT41054	SOFTWARE TESTING METHODOLOGIES	26	44	3
15A81A05I5	RT4105B	HADOOP AND BIG DATA	19	34	3
15A81A05I5	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05I5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A81A05I5	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05I5	RT4105O	HADOOP AND BIGDATA LAB	22	35	2
15A81A05I6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	11	8	0
15A81A05I6	RT41052	UML AND DESIGN PATTERNS	17	14	0
15A81A05I6	RT41053	MOBILE COMPUTING	19	7	0
15A81A05I6	RT41054	SOFTWARE TESTING METHODOLOGIES	17	12	0
15A81A05I6	RT4105B	HADOOP AND BIG DATA	16	20	0
15A81A05I6	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A05I6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
15A81A05I6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05I6	RT4105O	HADOOP AND BIGDATA LAB	15	28	2
15A81A05I7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	26	3
15A81A05I7	RT41052	UML AND DESIGN PATTERNS	16	10	0
15A81A05I7	RT41053	MOBILE COMPUTING	16	0	0
15A81A05I7	RT41054	SOFTWARE TESTING METHODOLOGIES	19	17	0
15A81A05I7	RT4105B	HADOOP AND BIG DATA	15	10	0
15A81A05I7	RT4105L	UML AND DESIGN PATTERNS LAB	19	42	2
15A81A05I7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A05I7	RT4105N	SOFTWARE TESTING LAB	23	43	2
15A81A05I7	RT4105O	HADOOP AND BIGDATA LAB	19	24	2
15A81A05I8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
15A81A05I8	RT41052	UML AND DESIGN PATTERNS	18	40	3
15A81A05I8	RT41053	MOBILE COMPUTING	17	25	3
15A81A05I8	RT41054	SOFTWARE TESTING METHODOLOGIES	20	42	3
15A81A05I8	RT4105B	HADOOP AND BIG DATA	13	29	3
15A81A05I8	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05I8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05I8	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05I8	RT4105O	HADOOP AND BIGDATA LAB	22	24	2
15A81A05I9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	25	3
15A81A05I9	RT41052	UML AND DESIGN PATTERNS	23	29	3
15A81A05I9	RT41053	MOBILE COMPUTING	26	37	3
15A81A05I9	RT41054	SOFTWARE TESTING METHODOLOGIES	27	49	3
15A81A05I9	RT4105B	HADOOP AND BIG DATA	19	33	3
15A81A05I9	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A05I9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15A81A05I9	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05I9	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
15A81A05J0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	31	3
15A81A05J0	RT41052	UML AND DESIGN PATTERNS	21	43	3
15A81A05J0	RT41053	MOBILE COMPUTING	25	29	3
15A81A05J0	RT41054	SOFTWARE TESTING METHODOLOGIES	26	52	3
15A81A05J0	RT4105B	HADOOP AND BIG DATA	23	36	3
15A81A05J0	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A81A05J0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A81A05J0	RT4105N	SOFTWARE TESTING LAB	25	50	2
15A81A05J0	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A05J2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	55	3
15A81A05J2	RT41052	UML AND DESIGN PATTERNS	19	38	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05J2	RT41053	MOBILE COMPUTING	18	31	3
15A81A05J2	RT41054	SOFTWARE TESTING METHODOLOGIES	23	39	3
15A81A05J2	RT4105B	HADOOP AND BIG DATA	13	37	3
15A81A05J2	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05J2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
15A81A05J2	RT4105N	SOFTWARE TESTING LAB	22	42	2
15A81A05J2	RT4105O	HADOOP AND BIGDATA LAB	16	26	2
15A81A05J4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	31	3
15A81A05J4	RT41052	UML AND DESIGN PATTERNS	20	46	3
15A81A05J4	RT41053	MOBILE COMPUTING	25	33	3
15A81A05J4	RT41054	SOFTWARE TESTING METHODOLOGIES	27	47	3
15A81A05J4	RT4105B	HADOOP AND BIG DATA	21	41	3
15A81A05J4	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A81A05J4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05J4	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05J4	RT4105O	HADOOP AND BIGDATA LAB	24	42	2
15A81A05J5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	28	3
15A81A05J5	RT41052	UML AND DESIGN PATTERNS	25	35	3
15A81A05J5	RT41053	MOBILE COMPUTING	30	38	3
15A81A05J5	RT41054	SOFTWARE TESTING METHODOLOGIES	30	46	3
15A81A05J5	RT4105B	HADOOP AND BIG DATA	23	42	3
15A81A05J5	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A05J5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A81A05J5	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05J5	RT4105O	HADOOP AND BIGDATA LAB	22	42	2
15A81A05J6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
15A81A05J6	RT41052	UML AND DESIGN PATTERNS	22	37	3
15A81A05J6	RT41053	MOBILE COMPUTING	17	29	3
15A81A05J6	RT41054	SOFTWARE TESTING METHODOLOGIES	28	44	3
15A81A05J6	RT4105B	HADOOP AND BIG DATA	19	36	3
15A81A05J6	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05J6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
15A81A05J6	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05J6	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15A81A05J7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	40	3
15A81A05J7	RT41052	UML AND DESIGN PATTERNS	25	42	3
15A81A05J7	RT41053	MOBILE COMPUTING	18	27	3
15A81A05J7	RT41054	SOFTWARE TESTING METHODOLOGIES	23	30	3
15A81A05J7	RT4105B	HADOOP AND BIG DATA	20	33	3
15A81A05J7	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05J7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A81A05J7	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05J7	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15A81A05J8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	13	0
15A81A05J8	RT41052	UML AND DESIGN PATTERNS	17	0	0
15A81A05J8	RT41053	MOBILE COMPUTING	17	7	0
15A81A05J8	RT41054	SOFTWARE TESTING METHODOLOGIES	19	25	3
15A81A05J8	RT4105B	HADOOP AND BIG DATA	13	5	0
15A81A05J8	RT4105L	UML AND DESIGN PATTERNS LAB	18	43	2
15A81A05J8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05J8	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A05J8	RT4105O	HADOOP AND BIGDATA LAB	19	22	2
15A81A05J9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
15A81A05J9	RT41052	UML AND DESIGN PATTERNS	20	31	3
15A81A05J9	RT41053	MOBILE COMPUTING	16	29	3
15A81A05J9	RT41054	SOFTWARE TESTING METHODOLOGIES	25	28	3
15A81A05J9	RT4105B	HADOOP AND BIG DATA	23	43	3
15A81A05J9	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A05J9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
15A81A05J9	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05J9	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15A81A05K0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	40	3
15A81A05K0	RT41052	UML AND DESIGN PATTERNS	25	45	3
15A81A05K0	RT41053	MOBILE COMPUTING	25	33	3
15A81A05K0	RT41054	SOFTWARE TESTING METHODOLOGIES	29	45	3
15A81A05K0	RT4105B	HADOOP AND BIG DATA	30	54	3
15A81A05K0	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05K0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15A81A05K0	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05K0	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
15A81A05K1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	61	3
15A81A05K1	RT41052	UML AND DESIGN PATTERNS	22	56	3
15A81A05K1	RT41053	MOBILE COMPUTING	29	45	3
15A81A05K1	RT41054	SOFTWARE TESTING METHODOLOGIES	29	52	3
15A81A05K1	RT4105B	HADOOP AND BIG DATA	19	69	3
15A81A05K1	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
15A81A05K1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05K1	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05K1	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A05K2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	35	3
15A81A05K2	RT41052	UML AND DESIGN PATTERNS	25	41	3
15A81A05K2	RT41053	MOBILE COMPUTING	26	59	3
15A81A05K2	RT41054	SOFTWARE TESTING METHODOLOGIES	26	65	3
15A81A05K2	RT4105B	HADOOP AND BIG DATA	18	41	3
15A81A05K2	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05K2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05K2	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05K2	RT4105O	HADOOP AND BIGDATA LAB	22	30	2
15A81A05K3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	28	3
15A81A05K3	RT41052	UML AND DESIGN PATTERNS	24	34	3
15A81A05K3	RT41053	MOBILE COMPUTING	20	40	3
15A81A05K3	RT41054	SOFTWARE TESTING METHODOLOGIES	27	42	3
15A81A05K3	RT4105B	HADOOP AND BIG DATA	19	42	3
15A81A05K3	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A81A05K3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A81A05K3	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05K3	RT4105O	HADOOP AND BIGDATA LAB	19	34	2
15A81A05K4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	8	0
15A81A05K4	RT41052	UML AND DESIGN PATTERNS	19	34	3
15A81A05K4	RT41053	MOBILE COMPUTING	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05K4	RT41054	SOFTWARE TESTING METHODOLOGIES	21	29	3
15A81A05K4	RT4105B	HADOOP AND BIG DATA	18	30	3
15A81A05K4	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A81A05K4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15A81A05K4	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05K4	RT4105O	HADOOP AND BIGDATA LAB	20	26	2
15A81A05K5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	46	3
15A81A05K5	RT41052	UML AND DESIGN PATTERNS	16	37	3
15A81A05K5	RT41053	MOBILE COMPUTING	18	27	3
15A81A05K5	RT41054	SOFTWARE TESTING METHODOLOGIES	24	31	3
15A81A05K5	RT4105B	HADOOP AND BIG DATA	19	34	3
15A81A05K5	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15A81A05K5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05K5	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05K5	RT4105O	HADOOP AND BIGDATA LAB	19	40	2
15A81A05K6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	29	3
15A81A05K6	RT41052	UML AND DESIGN PATTERNS	24	32	3
15A81A05K6	RT41053	MOBILE COMPUTING	23	46	3
15A81A05K6	RT41054	SOFTWARE TESTING METHODOLOGIES	29	45	3
15A81A05K6	RT4105B	HADOOP AND BIG DATA	20	35	3
15A81A05K6	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05K6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05K6	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05K6	RT4105O	HADOOP AND BIGDATA LAB	22	35	2
15A81A05K7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	42	3
15A81A05K7	RT41052	UML AND DESIGN PATTERNS	23	33	3
15A81A05K7	RT41053	MOBILE COMPUTING	25	33	3
15A81A05K7	RT41054	SOFTWARE TESTING METHODOLOGIES	26	40	3
15A81A05K7	RT4105B	HADOOP AND BIG DATA	24	50	3
15A81A05K7	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15A81A05K7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15A81A05K7	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05K7	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15A81A05K8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	45	3
15A81A05K8	RT41052	UML AND DESIGN PATTERNS	25	40	3
15A81A05K8	RT41053	MOBILE COMPUTING	26	35	3
15A81A05K8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	57	3
15A81A05K8	RT4105B	HADOOP AND BIG DATA	21	48	3
15A81A05K8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05K8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	44	2
15A81A05K8	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05K8	RT4105O	HADOOP AND BIGDATA LAB	23	39	2
15A81A05K9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	64	3
15A81A05K9	RT41052	UML AND DESIGN PATTERNS	25	52	3
15A81A05K9	RT41053	MOBILE COMPUTING	30	49	3
15A81A05K9	RT41054	SOFTWARE TESTING METHODOLOGIES	30	50	3
15A81A05K9	RT4105B	HADOOP AND BIG DATA	23	62	3
15A81A05K9	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A05K9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15A81A05K9	RT4105N	SOFTWARE TESTING LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05K9	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05L0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15A81A05L0	RT41052	UML AND DESIGN PATTERNS	25	38	3
15A81A05L0	RT41053	MOBILE COMPUTING	27	42	3
15A81A05L0	RT41054	SOFTWARE TESTING METHODOLOGIES	29	43	3
15A81A05L0	RT4105B	HADOOP AND BIG DATA	20	43	3
15A81A05L0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15A81A05L0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05L0	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05L0	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A05L1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	39	3
15A81A05L1	RT41052	UML AND DESIGN PATTERNS	25	25	3
15A81A05L1	RT41053	MOBILE COMPUTING	20	40	3
15A81A05L1	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15A81A05L1	RT4105B	HADOOP AND BIG DATA	20	39	3
15A81A05L1	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15A81A05L1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05L1	RT4105N	SOFTWARE TESTING LAB	24	47	2
15A81A05L1	RT4105O	HADOOP AND BIGDATA LAB	20	33	2
15A81A05L2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	31	3
15A81A05L2	RT41052	UML AND DESIGN PATTERNS	21	38	3
15A81A05L2	RT41053	MOBILE COMPUTING	18	31	3
15A81A05L2	RT41054	SOFTWARE TESTING METHODOLOGIES	23	43	3
15A81A05L2	RT4105B	HADOOP AND BIG DATA	20	30	3
15A81A05L2	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05L2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05L2	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A05L2	RT4105O	HADOOP AND BIGDATA LAB	23	40	2
15A81A05L3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
15A81A05L3	RT41052	UML AND DESIGN PATTERNS	24	53	3
15A81A05L3	RT41053	MOBILE COMPUTING	26	34	3
15A81A05L3	RT41054	SOFTWARE TESTING METHODOLOGIES	26	48	3
15A81A05L3	RT4105B	HADOOP AND BIG DATA	22	35	3
15A81A05L3	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05L3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A81A05L3	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A05L3	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15A81A05L4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15A81A05L4	RT41052	UML AND DESIGN PATTERNS	24	36	3
15A81A05L4	RT41053	MOBILE COMPUTING	29	47	3
15A81A05L4	RT41054	SOFTWARE TESTING METHODOLOGIES	26	53	3
15A81A05L4	RT4105B	HADOOP AND BIG DATA	23	35	3
15A81A05L4	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15A81A05L4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05L4	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05L4	RT4105O	HADOOP AND BIGDATA LAB	22	37	2
15A81A05L5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	42	3
15A81A05L5	RT41052	UML AND DESIGN PATTERNS	24	29	3
15A81A05L5	RT41053	MOBILE COMPUTING	16	41	3
15A81A05L5	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05L5	RT4105B	HADOOP AND BIG DATA	20	41	3
15A81A05L5	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A05L5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A05L5	RT4105N	SOFTWARE TESTING LAB	22	45	2
15A81A05L5	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15A81A05L6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15A81A05L6	RT41052	UML AND DESIGN PATTERNS	26	45	3
15A81A05L6	RT41053	MOBILE COMPUTING	27	37	3
15A81A05L6	RT41054	SOFTWARE TESTING METHODOLOGIES	26	59	3
15A81A05L6	RT4105B	HADOOP AND BIG DATA	21	46	3
15A81A05L6	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05L6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05L6	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05L6	RT4105O	HADOOP AND BIGDATA LAB	22	36	2
15A81A05L7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	24	3
15A81A05L7	RT41052	UML AND DESIGN PATTERNS	23	33	3
15A81A05L7	RT41053	MOBILE COMPUTING	18	27	3
15A81A05L7	RT41054	SOFTWARE TESTING METHODOLOGIES	24	17	0
15A81A05L7	RT4105B	HADOOP AND BIG DATA	22	24	3
15A81A05L7	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A81A05L7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
15A81A05L7	RT4105N	SOFTWARE TESTING LAB	23	44	2
15A81A05L7	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15A81A05L8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	41	3
15A81A05L8	RT41052	UML AND DESIGN PATTERNS	21	34	3
15A81A05L8	RT41053	MOBILE COMPUTING	18	26	3
15A81A05L8	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
15A81A05L8	RT4105B	HADOOP AND BIG DATA	17	34	3
15A81A05L8	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05L8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05L8	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05L8	RT4105O	HADOOP AND BIGDATA LAB	22	34	2
15A81A05L9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	24	3
15A81A05L9	RT41052	UML AND DESIGN PATTERNS	24	31	3
15A81A05L9	RT41053	MOBILE COMPUTING	27	39	3
15A81A05L9	RT41054	SOFTWARE TESTING METHODOLOGIES	26	38	3
15A81A05L9	RT4105B	HADOOP AND BIG DATA	20	33	3
15A81A05L9	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05L9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05L9	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05L9	RT4105O	HADOOP AND BIGDATA LAB	21	34	2
15A81A05M0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15A81A05M0	RT41052	UML AND DESIGN PATTERNS	24	43	3
15A81A05M0	RT41053	MOBILE COMPUTING	25	40	3
15A81A05M0	RT41054	SOFTWARE TESTING METHODOLOGIES	27	41	3
15A81A05M0	RT4105B	HADOOP AND BIG DATA	18	43	3
15A81A05M0	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05M0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05M0	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05M0	RT4105O	HADOOP AND BIGDATA LAB	23	36	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A05M1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	25	3
15A81A05M1	RT41052	UML AND DESIGN PATTERNS	23	59	3
15A81A05M1	RT41053	MOBILE COMPUTING	20	44	3
15A81A05M1	RT41054	SOFTWARE TESTING METHODOLOGIES	23	36	3
15A81A05M1	RT4105B	HADOOP AND BIG DATA	25	43	3
15A81A05M1	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05M1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
15A81A05M1	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05M1	RT4105O	HADOOP AND BIGDATA LAB	22	31	2
15A81A05M2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	34	3
15A81A05M2	RT41052	UML AND DESIGN PATTERNS	18	25	3
15A81A05M2	RT41053	MOBILE COMPUTING	22	31	3
15A81A05M2	RT41054	SOFTWARE TESTING METHODOLOGIES	25	30	3
15A81A05M2	RT4105B	HADOOP AND BIG DATA	16	4	0
15A81A05M2	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
15A81A05M2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A05M2	RT4105N	SOFTWARE TESTING LAB	24	49	2
15A81A05M2	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A81A05M3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	30	3
15A81A05M3	RT41052	UML AND DESIGN PATTERNS	23	30	3
15A81A05M3	RT41053	MOBILE COMPUTING	19	30	3
15A81A05M3	RT41054	SOFTWARE TESTING METHODOLOGIES	22	33	3
15A81A05M3	RT4105B	HADOOP AND BIG DATA	16	48	3
15A81A05M3	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2
15A81A05M3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15A81A05M3	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05M3	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15A81A05M5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	47	3
15A81A05M5	RT41052	UML AND DESIGN PATTERNS	25	44	3
15A81A05M5	RT41053	MOBILE COMPUTING	29	40	3
15A81A05M5	RT41054	SOFTWARE TESTING METHODOLOGIES	27	40	3
15A81A05M5	RT4105B	HADOOP AND BIG DATA	24	45	3
15A81A05M5	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05M5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05M5	RT4105N	SOFTWARE TESTING LAB	24	48	2
15A81A05M5	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15A81A05M6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	48	3
15A81A05M6	RT41052	UML AND DESIGN PATTERNS	25	53	3
15A81A05M6	RT41053	MOBILE COMPUTING	27	45	3
15A81A05M6	RT41054	SOFTWARE TESTING METHODOLOGIES	28	46	3
15A81A05M6	RT4105B	HADOOP AND BIG DATA	25	58	3
15A81A05M6	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05M6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15A81A05M6	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05M6	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A05M7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	37	3
15A81A05M7	RT41052	UML AND DESIGN PATTERNS	25	46	3
15A81A05M7	RT41053	MOBILE COMPUTING	29	58	3
15A81A05M7	RT41054	SOFTWARE TESTING METHODOLOGIES	28	46	3
15A81A05M7	RT4105B	HADOOP AND BIG DATA	22	43	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05M7	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05M7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05M7	RT4105N	SOFTWARE TESTING LAB	25	47	2
15A81A05M7	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15A81A05M8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	53	3
15A81A05M8	RT41052	UML AND DESIGN PATTERNS	26	32	3
15A81A05M8	RT41053	MOBILE COMPUTING	28	44	3
15A81A05M8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	57	3
15A81A05M8	RT4105B	HADOOP AND BIG DATA	21	54	3
15A81A05M8	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15A81A05M8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15A81A05M8	RT4105N	SOFTWARE TESTING LAB	25	44	2
15A81A05M8	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15A81A05M9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	46	3
15A81A05M9	RT41052	UML AND DESIGN PATTERNS	25	45	3
15A81A05M9	RT41053	MOBILE COMPUTING	24	39	3
15A81A05M9	RT41054	SOFTWARE TESTING METHODOLOGIES	30	55	3
15A81A05M9	RT4105B	HADOOP AND BIG DATA	26	52	3
15A81A05M9	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15A81A05M9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15A81A05M9	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05M9	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
15A81A05N0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
15A81A05N0	RT41052	UML AND DESIGN PATTERNS	16	35	3
15A81A05N0	RT41053	MOBILE COMPUTING	21	24	3
15A81A05N0	RT41054	SOFTWARE TESTING METHODOLOGIES	29	30	3
15A81A05N0	RT4105B	HADOOP AND BIG DATA	26	47	3
15A81A05N0	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05N0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15A81A05N0	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05N0	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15A81A05N1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15A81A05N1	RT41052	UML AND DESIGN PATTERNS	22	42	3
15A81A05N1	RT41053	MOBILE COMPUTING	21	33	3
15A81A05N1	RT41054	SOFTWARE TESTING METHODOLOGIES	27	48	3
15A81A05N1	RT4105B	HADOOP AND BIG DATA	23	34	3
15A81A05N1	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15A81A05N1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15A81A05N1	RT4105N	SOFTWARE TESTING LAB	24	45	2
15A81A05N1	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15A81A05N2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
15A81A05N2	RT41052	UML AND DESIGN PATTERNS	21	28	3
15A81A05N2	RT41053	MOBILE COMPUTING	26	30	3
15A81A05N2	RT41054	SOFTWARE TESTING METHODOLOGIES	26	32	3
15A81A05N2	RT4105B	HADOOP AND BIG DATA	21	37	3
15A81A05N2	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15A81A05N2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15A81A05N2	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05N2	RT4105O	HADOOP AND BIGDATA LAB	22	36	2
15A81A05N4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	50	3

Htno	Subcode	Subname	Internal	External	Credits
15A81A05N4	RT41052	UML AND DESIGN PATTERNS	24	58	3
15A81A05N4	RT41053	MOBILE COMPUTING	28	38	3
15A81A05N4	RT41054	SOFTWARE TESTING METHODOLOGIES	28	49	3
15A81A05N4	RT4105B	HADOOP AND BIG DATA	21	40	3
15A81A05N4	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15A81A05N4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15A81A05N4	RT4105N	SOFTWARE TESTING LAB	25	46	2
15A81A05N4	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15A81A05N5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	16	0
15A81A05N5	RT41052	UML AND DESIGN PATTERNS	15	36	3
15A81A05N5	RT41053	MOBILE COMPUTING	19	24	3
15A81A05N5	RT41054	SOFTWARE TESTING METHODOLOGIES	21	26	3
15A81A05N5	RT4105B	HADOOP AND BIG DATA	18	32	3
15A81A05N5	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15A81A05N5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15A81A05N5	RT4105N	SOFTWARE TESTING LAB	25	49	2
15A81A05N5	RT4105O	HADOOP AND BIGDATA LAB	18	32	2
15A81A05N6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	16	0
15A81A05N6	RT41052	UML AND DESIGN PATTERNS	20	27	3
15A81A05N6	RT41053	MOBILE COMPUTING	18	35	3
15A81A05N6	RT41054	SOFTWARE TESTING METHODOLOGIES	18	41	3
15A81A05N6	RT4105B	HADOOP AND BIG DATA	15	25	3
15A81A05N6	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15A81A05N6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15A81A05N6	RT4105N	SOFTWARE TESTING LAB	24	46	2
15A81A05N6	RT4105O	HADOOP AND BIGDATA LAB	18	34	2
15A81A05N8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	27	3
15A81A05N8	RT41052	UML AND DESIGN PATTERNS	19	34	3
15A81A05N8	RT41053	MOBILE COMPUTING	19	34	3
15A81A05N8	RT41054	SOFTWARE TESTING METHODOLOGIES	26	51	3
15A81A05N8	RT4105B	HADOOP AND BIG DATA	22	41	3
15A81A05N8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15A81A05N8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	44	2
15A81A05N8	RT4105N	SOFTWARE TESTING LAB	25	48	2
15A81A05N8	RT4105O	HADOOP AND BIGDATA LAB	23	37	2
15A81A05N9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	28	3
15A81A05N9	RT41052	UML AND DESIGN PATTERNS	13	38	3
15A81A05N9	RT41053	MOBILE COMPUTING	15	16	0
15A81A05N9	RT41054	SOFTWARE TESTING METHODOLOGIES	18	29	3
15A81A05N9	RT4105B	HADOOP AND BIG DATA	17	34	3
15A81A05N9	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15A81A05N9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15A81A05N9	RT4105N	SOFTWARE TESTING LAB	23	48	2
15A81A05N9	RT4105O	HADOOP AND BIGDATA LAB	15	0	0
15A81A05O0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	13	0
15A81A05O0	RT41052	UML AND DESIGN PATTERNS	22	24	3
15A81A05O0	RT41053	MOBILE COMPUTING	17	26	3
15A81A05O0	RT41054	SOFTWARE TESTING METHODOLOGIES	25	24	3
15A81A05O0	RT4105B	HADOOP AND BIG DATA	17	35	3
15A81A05O0	RT4105L	UML AND DESIGN PATTERNS LAB	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
15A81A0500	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15A81A0500	RT4105N	SOFTWARE TESTING LAB	23	45	2
15A81A0500	RT4105O	HADOOP AND BIGDATA LAB	19	0	0
15A85A0254	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	17	0
15A85A0303	RT41035	MEMS	13	39	3
15A85A0331	RT41031	AUTOMOBILE ENGINEERING	24	40	3
15A85A0331	RT41032	CAD / CAM	20	40	3
15A85A0331	RT41033	FINITE ELEMENT METHODS	15	15	0
15A85A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	46	3
15A85A0331	RT41035	MEMS	16	31	3
15A85A0331	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	21	52	3
15A85A0331	RT4103L	SIMULATION LAB	22	41	2
15A85A0331	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15A85A0402	RT41041	VLSI DESIGN	13	8	0
15A85A0402	RT41043	DIGITAL IMAGE PROCESSING	18	4	0
15A85A0402	RT41048	RADAR SYSTEMS	11	1	0
15A85A0402	RT4104A	OPTICAL COMMUNICATION	9	3	0
15A85A0407	RT41041	VLSI DESIGN	15	38	3
15A85A0407	RT41042	COMPUTER NETWORKS	25	27	3
15A85A0407	RT41043	DIGITAL IMAGE PROCESSING	22	13	0
15A85A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	30	3
15A85A0407	RT41048	RADAR SYSTEMS	28	28	3
15A85A0407	RT4104A	OPTICAL COMMUNICATION	12	12	0
15A85A0407	RT4104L	V L S I LAB	18	40	2
15A85A0407	RT4104M	MICROWAVE ENGINEERING LAB	19	25	2
15A85A0418	RT41041	VLSI DESIGN	23	32	3
15A85A0422	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15A85A0424	RT41043	DIGITAL IMAGE PROCESSING	23	3	0
15A85A0426	RT41048	RADAR SYSTEMS	22	25	3
15B21A0486	RT41041	VLSI DESIGN	25	48	3
15B21A0486	RT41042	COMPUTER NETWORKS	25	48	3
15B21A0486	RT41043	DIGITAL IMAGE PROCESSING	23	49	3
15B21A0486	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
15B21A0486	RT41048	RADAR SYSTEMS	26	34	3
15B21A0486	RT4104A	OPTICAL COMMUNICATION	27	37	3
15B21A0486	RT4104L	V L S I LAB	22	45	2
15B21A0486	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
16A85A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	28	49	3
16A85A0101	RT41012	PRESTRESSED CONCRETE	28	63	3
16A85A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	57	3
16A85A0101	RT41014	WATER RESOURCES ENGINEERING - II	29	56	3
16A85A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	62	3
16A85A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	43	3
16A85A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	46	2
16A85A0101	RT4101M	GIS AND CAD LAB	24	46	2
16A85A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	22	27	3
16A85A0102	RT41012	PRESTRESSED CONCRETE	21	45	3
16A85A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	52	3
16A85A0102	RT41014	WATER RESOURCES ENGINEERING - II	25	63	3
16A85A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	49	3
16A85A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	48	2
16A85A0102	RT4101M	GIS AND CAD LAB	21	47	2
16A85A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	15	46	3
16A85A0103	RT41012	PRESTRESSED CONCRETE	24	47	3
16A85A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	36	3
16A85A0103	RT41014	WATER RESOURCES ENGINEERING - II	21	38	3
16A85A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	39	3
16A85A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	41	3
16A85A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	43	2
16A85A0103	RT4101M	GIS AND CAD LAB	22	43	2
16A85A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	17	37	3
16A85A0104	RT41012	PRESTRESSED CONCRETE	16	47	3
16A85A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	41	3
16A85A0104	RT41014	WATER RESOURCES ENGINEERING - II	24	28	3
16A85A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	52	3
16A85A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	39	3
16A85A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	47	2
16A85A0104	RT4101M	GIS AND CAD LAB	19	43	2
16A85A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	27	52	3
16A85A0105	RT41012	PRESTRESSED CONCRETE	26	59	3
16A85A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	55	3
16A85A0105	RT41014	WATER RESOURCES ENGINEERING - II	25	41	3
16A85A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	52	3
16A85A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	36	3
16A85A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	49	2
16A85A0105	RT4101M	GIS AND CAD LAB	24	47	2
16A85A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	19	26	3
16A85A0106	RT41012	PRESTRESSED CONCRETE	24	26	3
16A85A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	40	3
16A85A0106	RT41014	WATER RESOURCES ENGINEERING - II	18	38	3
16A85A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	30	3
16A85A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	36	3
16A85A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
16A85A0106	RT4101M	GIS AND CAD LAB	20	46	2
16A85A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	29	51	3
16A85A0107	RT41012	PRESTRESSED CONCRETE	24	44	3
16A85A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	46	3
16A85A0107	RT41014	WATER RESOURCES ENGINEERING - II	26	51	3
16A85A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	41	3
16A85A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	57	3
16A85A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	47	2
16A85A0107	RT4101M	GIS AND CAD LAB	24	48	2
16A85A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	28	47	3
16A85A0109	RT41012	PRESTRESSED CONCRETE	25	61	3
16A85A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	44	3
16A85A0109	RT41014	WATER RESOURCES ENGINEERING - II	25	51	3
16A85A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	55	3
16A85A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	34	3
16A85A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	48	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0109	RT4101M	GIS AND CAD LAB	22	48	2
16A85A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	27	44	3
16A85A0110	RT41012	PRESTRESSED CONCRETE	25	70	3
16A85A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	50	3
16A85A0110	RT41014	WATER RESOURCES ENGINEERING - II	26	51	3
16A85A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	59	3
16A85A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	45	3
16A85A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	49	2
16A85A0110	RT4101M	GIS AND CAD LAB	24	48	2
16A85A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	20	16	0
16A85A0111	RT41012	PRESTRESSED CONCRETE	20	15	0
16A85A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	46	3
16A85A0111	RT41014	WATER RESOURCES ENGINEERING - II	17	45	3
16A85A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	43	3
16A85A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	33	3
16A85A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
16A85A0111	RT4101M	GIS AND CAD LAB	22	45	2
16A85A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	26	46	3
16A85A0112	RT41012	PRESTRESSED CONCRETE	24	40	3
16A85A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	46	3
16A85A0112	RT41014	WATER RESOURCES ENGINEERING - II	27	36	3
16A85A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	35	3
16A85A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	58	3
16A85A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	46	2
16A85A0112	RT4101M	GIS AND CAD LAB	24	49	2
16A85A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	24	46	3
16A85A0113	RT41012	PRESTRESSED CONCRETE	22	46	3
16A85A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	39	3
16A85A0113	RT41014	WATER RESOURCES ENGINEERING - II	23	42	3
16A85A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	29	3
16A85A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	25	3
16A85A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
16A85A0113	RT4101M	GIS AND CAD LAB	20	48	2
16A85A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	28	49	3
16A85A0114	RT41012	PRESTRESSED CONCRETE	30	70	3
16A85A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	61	3
16A85A0114	RT41014	WATER RESOURCES ENGINEERING - II	29	55	3
16A85A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	70	3
16A85A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	45	3
16A85A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	49	2
16A85A0114	RT4101M	GIS AND CAD LAB	24	48	2
16A85A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	22	27	3
16A85A0115	RT41012	PRESTRESSED CONCRETE	17	37	3
16A85A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	26	3
16A85A0115	RT41014	WATER RESOURCES ENGINEERING - II	16	39	3
16A85A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	43	3
16A85A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	34	3
16A85A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	43	2
16A85A0115	RT4101M	GIS AND CAD LAB	22	47	2
16A85A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	55	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0201	RT41022	HVAC AND DC TRANSMISSION	27	52	3
16A85A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	48	3
16A85A0201	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	45	3
16A85A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	56	3
16A85A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	50	2
16A85A0201	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
16A85A0201	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	36	3
16A85A0203	RT41022	HVAC AND DC TRANSMISSION	26	57	3
16A85A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	41	3
16A85A0203	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	46	3
16A85A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	57	3
16A85A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	46	2
16A85A0203	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16A85A0203	RT4102N	POWER SYSTEMS LAB	25	50	2
16A85A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	45	3
16A85A0204	RT41022	HVAC AND DC TRANSMISSION	23	24	3
16A85A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	8	0
16A85A0204	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	34	3
16A85A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	48	3
16A85A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	36	2
16A85A0204	RT4102M	ELECTRICAL SIMULATION LAB	10	-1	0
16A85A0204	RT4102N	POWER SYSTEMS LAB	16	34	2
16A85A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	52	3
16A85A0206	RT41022	HVAC AND DC TRANSMISSION	24	43	3
16A85A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	49	3
16A85A0206	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	36	3
16A85A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	70	3
16A85A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
16A85A0206	RT4102M	ELECTRICAL SIMULATION LAB	24	45	2
16A85A0206	RT4102N	POWER SYSTEMS LAB	24	49	2
16A85A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	57	3
16A85A0207	RT41022	HVAC AND DC TRANSMISSION	24	59	3
16A85A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	47	3
16A85A0207	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	42	3
16A85A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	53	3
16A85A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
16A85A0207	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
16A85A0207	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	30	3
16A85A0208	RT41022	HVAC AND DC TRANSMISSION	24	38	3
16A85A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	32	3
16A85A0208	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	41	3
16A85A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	39	3
16A85A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	36	2
16A85A0208	RT4102M	ELECTRICAL SIMULATION LAB	24	44	2
16A85A0208	RT4102N	POWER SYSTEMS LAB	21	46	2
16A85A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	43	3
16A85A0209	RT41022	HVAC AND DC TRANSMISSION	24	36	3
16A85A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	56	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0209	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	60	3
16A85A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	58	3
16A85A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16A85A0209	RT4102M	ELECTRICAL SIMULATION LAB	24	45	2
16A85A0209	RT4102N	POWER SYSTEMS LAB	21	46	2
16A85A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	50	3
16A85A0210	RT41022	HVAC AND DC TRANSMISSION	22	39	3
16A85A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	57	3
16A85A0210	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	45	3
16A85A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	53	3
16A85A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
16A85A0210	RT4102M	ELECTRICAL SIMULATION LAB	21	49	2
16A85A0210	RT4102N	POWER SYSTEMS LAB	23	48	2
16A85A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
16A85A0211	RT41022	HVAC AND DC TRANSMISSION	25	55	3
16A85A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	48	3
16A85A0211	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	45	3
16A85A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	40	3
16A85A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
16A85A0211	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
16A85A0211	RT4102N	POWER SYSTEMS LAB	21	46	2
16A85A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	31	3
16A85A0212	RT41022	HVAC AND DC TRANSMISSION	26	44	3
16A85A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	38	3
16A85A0212	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	40	3
16A85A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	60	3
16A85A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16A85A0212	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16A85A0212	RT4102N	POWER SYSTEMS LAB	24	49	2
16A85A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	41	3
16A85A0213	RT41022	HVAC AND DC TRANSMISSION	28	32	3
16A85A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	61	3
16A85A0213	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	50	3
16A85A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	52	3
16A85A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	50	2
16A85A0213	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16A85A0213	RT4102N	POWER SYSTEMS LAB	23	48	2
16A85A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	47	3
16A85A0214	RT41022	HVAC AND DC TRANSMISSION	25	39	3
16A85A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	47	3
16A85A0214	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	45	3
16A85A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	58	3
16A85A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	50	2
16A85A0214	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
16A85A0214	RT4102N	POWER SYSTEMS LAB	22	48	2
16A85A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	46	3
16A85A0215	RT41022	HVAC AND DC TRANSMISSION	20	37	3
16A85A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	35	3
16A85A0215	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	45	3
16A85A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	27	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	40	2
16A85A0215	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
16A85A0215	RT4102N	POWER SYSTEMS LAB	19	41	2
16A85A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	26	3
16A85A0216	RT41022	HVAC AND DC TRANSMISSION	26	48	3
16A85A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	48	3
16A85A0216	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	46	3
16A85A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	52	3
16A85A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
16A85A0216	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
16A85A0216	RT4102N	POWER SYSTEMS LAB	24	48	2
16A85A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	49	3
16A85A0217	RT41022	HVAC AND DC TRANSMISSION	27	32	3
16A85A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	53	3
16A85A0217	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	44	3
16A85A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	45	3
16A85A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
16A85A0217	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
16A85A0217	RT4102N	POWER SYSTEMS LAB	21	46	2
16A85A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	55	3
16A85A0218	RT41022	HVAC AND DC TRANSMISSION	23	43	3
16A85A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	58	3
16A85A0218	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	43	3
16A85A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	70	3
16A85A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
16A85A0218	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16A85A0218	RT4102N	POWER SYSTEMS LAB	24	48	2
16A85A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	56	3
16A85A0219	RT41022	HVAC AND DC TRANSMISSION	25	41	3
16A85A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	41	3
16A85A0219	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	43	3
16A85A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	32	3
16A85A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	41	2
16A85A0219	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16A85A0219	RT4102N	POWER SYSTEMS LAB	19	44	2
16A85A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	46	3
16A85A0220	RT41022	HVAC AND DC TRANSMISSION	26	42	3
16A85A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	48	3
16A85A0220	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	54	3
16A85A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	52	3
16A85A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	47	2
16A85A0220	RT4102M	ELECTRICAL SIMULATION LAB	25	45	2
16A85A0220	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	40	3
16A85A0221	RT41022	HVAC AND DC TRANSMISSION	23	32	3
16A85A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	40	3
16A85A0221	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	38	3
16A85A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	40	3
16A85A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	36	2
16A85A0221	RT4102M	ELECTRICAL SIMULATION LAB	20	42	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0221	RT4102N	POWER SYSTEMS LAB	20	43	2
16A85A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	10	0
16A85A0222	RT41022	HVAC AND DC TRANSMISSION	21	24	3
16A85A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	15	26	3
16A85A0222	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	16	25	3
16A85A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	21	0
16A85A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	39	2
16A85A0222	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
16A85A0222	RT4102N	POWER SYSTEMS LAB	18	38	2
16A85A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	29	3
16A85A0223	RT41022	HVAC AND DC TRANSMISSION	27	37	3
16A85A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	42	3
16A85A0223	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	44	3
16A85A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	45	3
16A85A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	43	2
16A85A0223	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
16A85A0223	RT4102N	POWER SYSTEMS LAB	20	44	2
16A85A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	46	3
16A85A0224	RT41022	HVAC AND DC TRANSMISSION	20	43	3
16A85A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	24	3
16A85A0224	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	9	49	3
16A85A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	49	3
16A85A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	40	2
16A85A0224	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16A85A0224	RT4102N	POWER SYSTEMS LAB	21	46	2
16A85A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	40	3
16A85A0225	RT41022	HVAC AND DC TRANSMISSION	22	39	3
16A85A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	50	3
16A85A0225	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	42	3
16A85A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	46	3
16A85A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	36	2
16A85A0225	RT4102M	ELECTRICAL SIMULATION LAB	19	2	0
16A85A0225	RT4102N	POWER SYSTEMS LAB	19	39	2
16A85A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	31	3
16A85A0226	RT41022	HVAC AND DC TRANSMISSION	22	37	3
16A85A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	51	3
16A85A0226	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	40	3
16A85A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	48	3
16A85A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
16A85A0226	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16A85A0226	RT4102N	POWER SYSTEMS LAB	21	42	2
16A85A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	29	3
16A85A0227	RT41022	HVAC AND DC TRANSMISSION	23	31	3
16A85A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	35	3
16A85A0227	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	47	3
16A85A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	27	3
16A85A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
16A85A0227	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
16A85A0227	RT4102N	POWER SYSTEMS LAB	21	42	2
16A85A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	45	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0228	RT41022	HVAC AND DC TRANSMISSION	25	52	3
16A85A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	41	3
16A85A0228	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	49	3
16A85A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	57	3
16A85A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	43	2
16A85A0228	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16A85A0228	RT4102N	POWER SYSTEMS LAB	20	43	2
16A85A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	51	3
16A85A0229	RT41022	HVAC AND DC TRANSMISSION	27	32	3
16A85A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	42	3
16A85A0229	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	47	3
16A85A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	53	3
16A85A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
16A85A0229	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16A85A0229	RT4102N	POWER SYSTEMS LAB	21	42	2
16A85A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	34	3
16A85A0230	RT41022	HVAC AND DC TRANSMISSION	25	34	3
16A85A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	42	3
16A85A0230	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	44	3
16A85A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	51	3
16A85A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	41	2
16A85A0230	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
16A85A0230	RT4102N	POWER SYSTEMS LAB	19	43	2
16A85A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	58	3
16A85A0231	RT41022	HVAC AND DC TRANSMISSION	28	55	3
16A85A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	53	3
16A85A0231	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	51	3
16A85A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	55	3
16A85A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
16A85A0231	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
16A85A0231	RT4102N	POWER SYSTEMS LAB	22	49	2
16A85A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	49	3
16A85A0232	RT41022	HVAC AND DC TRANSMISSION	26	45	3
16A85A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	36	3
16A85A0232	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	40	3
16A85A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	59	3
16A85A0232	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	44	2
16A85A0232	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
16A85A0232	RT4102N	POWER SYSTEMS LAB	21	47	2
16A85A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	46	3
16A85A0233	RT41022	HVAC AND DC TRANSMISSION	25	15	0
16A85A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	16	0
16A85A0233	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	45	3
16A85A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	61	3
16A85A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16A85A0233	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16A85A0233	RT4102N	POWER SYSTEMS LAB	21	42	2
16A85A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	31	3
16A85A0234	RT41022	HVAC AND DC TRANSMISSION	20	39	3
16A85A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	31	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0234	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	48	3
16A85A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	44	3
16A85A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	37	2
16A85A0234	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
16A85A0234	RT4102N	POWER SYSTEMS LAB	21	47	2
16A85A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	29	3
16A85A0235	RT41022	HVAC AND DC TRANSMISSION	25	40	3
16A85A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	44	3
16A85A0235	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	46	3
16A85A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	36	3
16A85A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	39	2
16A85A0235	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16A85A0235	RT4102N	POWER SYSTEMS LAB	20	46	2
16A85A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	38	3
16A85A0236	RT41022	HVAC AND DC TRANSMISSION	25	51	3
16A85A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	41	3
16A85A0236	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	59	3
16A85A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	39	3
16A85A0236	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
16A85A0236	RT4102M	ELECTRICAL SIMULATION LAB	25	48	2
16A85A0236	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	43	3
16A85A0237	RT41022	HVAC AND DC TRANSMISSION	24	24	3
16A85A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	28	3
16A85A0237	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	44	3
16A85A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	48	3
16A85A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
16A85A0237	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16A85A0237	RT4102N	POWER SYSTEMS LAB	20	44	2
16A85A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	26	3
16A85A0238	RT41022	HVAC AND DC TRANSMISSION	23	25	3
16A85A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	17	0
16A85A0238	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	39	3
16A85A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	31	3
16A85A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	30	2
16A85A0238	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
16A85A0238	RT4102N	POWER SYSTEMS LAB	19	47	2
16A85A0239	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	43	3
16A85A0239	RT41022	HVAC AND DC TRANSMISSION	26	42	3
16A85A0239	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	49	3
16A85A0239	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	42	3
16A85A0239	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	45	3
16A85A0239	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
16A85A0239	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
16A85A0239	RT4102N	POWER SYSTEMS LAB	20	47	2
16A85A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	33	3
16A85A0240	RT41022	HVAC AND DC TRANSMISSION	27	42	3
16A85A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	28	3
16A85A0240	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	42	3
16A85A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	42	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	39	2
16A85A0240	RT4102M	ELECTRICAL SIMULATION LAB	23	49	2
16A85A0240	RT4102N	POWER SYSTEMS LAB	19	42	2
16A85A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	34	3
16A85A0241	RT41022	HVAC AND DC TRANSMISSION	28	34	3
16A85A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	47	3
16A85A0241	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	49	3
16A85A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	54	3
16A85A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
16A85A0241	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16A85A0241	RT4102N	POWER SYSTEMS LAB	19	42	2
16A85A0243	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	38	3
16A85A0243	RT41022	HVAC AND DC TRANSMISSION	26	32	3
16A85A0243	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	49	3
16A85A0243	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	42	3
16A85A0243	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	57	3
16A85A0243	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
16A85A0243	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16A85A0243	RT4102N	POWER SYSTEMS LAB	20	42	2
16A85A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	55	3
16A85A0244	RT41022	HVAC AND DC TRANSMISSION	25	46	3
16A85A0244	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	48	3
16A85A0244	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	54	3
16A85A0244	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	44	3
16A85A0244	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	40	2
16A85A0244	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16A85A0244	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0245	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	38	3
16A85A0245	RT41022	HVAC AND DC TRANSMISSION	24	39	3
16A85A0245	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	35	3
16A85A0245	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	48	3
16A85A0245	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	40	3
16A85A0245	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	42	2
16A85A0245	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
16A85A0245	RT4102N	POWER SYSTEMS LAB	9	42	2
16A85A0246	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	34	3
16A85A0246	RT41022	HVAC AND DC TRANSMISSION	23	36	3
16A85A0246	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	49	3
16A85A0246	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	41	3
16A85A0246	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	53	3
16A85A0246	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
16A85A0246	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16A85A0246	RT4102N	POWER SYSTEMS LAB	23	49	2
16A85A0247	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	39	3
16A85A0247	RT41022	HVAC AND DC TRANSMISSION	24	40	3
16A85A0247	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	58	3
16A85A0247	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	51	3
16A85A0247	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	51	3
16A85A0247	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
16A85A0247	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0247	RT4102N	POWER SYSTEMS LAB	21	47	2
16A85A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	42	3
16A85A0248	RT41022	HVAC AND DC TRANSMISSION	21	49	3
16A85A0248	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	38	3
16A85A0248	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	48	3
16A85A0248	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	46	3
16A85A0248	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
16A85A0248	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
16A85A0248	RT4102N	POWER SYSTEMS LAB	23	48	2
16A85A0249	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	36	3
16A85A0249	RT41022	HVAC AND DC TRANSMISSION	24	43	3
16A85A0249	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	35	3
16A85A0249	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	46	3
16A85A0249	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	50	3
16A85A0249	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
16A85A0249	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16A85A0249	RT4102N	POWER SYSTEMS LAB	20	42	2
16A85A0250	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	29	3
16A85A0250	RT41022	HVAC AND DC TRANSMISSION	24	25	3
16A85A0250	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	37	3
16A85A0250	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	45	3
16A85A0250	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	47	3
16A85A0250	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	41	2
16A85A0250	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16A85A0250	RT4102N	POWER SYSTEMS LAB	21	47	2
16A85A0252	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	44	3
16A85A0252	RT41022	HVAC AND DC TRANSMISSION	23	38	3
16A85A0252	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	59	3
16A85A0252	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	50	3
16A85A0252	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	57	3
16A85A0252	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	42	2
16A85A0252	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
16A85A0252	RT4102N	POWER SYSTEMS LAB	22	47	2
16A85A0301	RT41031	AUTOMOBILE ENGINEERING	24	37	3
16A85A0301	RT41032	CAD / CAM	25	42	3
16A85A0301	RT41033	FINITE ELEMENT METHODS	19	15	0
16A85A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	31	3
16A85A0301	RT41035	MEMS	25	45	3
16A85A0301	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	49	3
16A85A0301	RT4103L	SIMULATION LAB	22	40	2
16A85A0301	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A85A0302	RT41031	AUTOMOBILE ENGINEERING	20	38	3
16A85A0302	RT41032	CAD / CAM	24	49	3
16A85A0302	RT41033	FINITE ELEMENT METHODS	22	55	3
16A85A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	35	3
16A85A0302	RT41035	MEMS	22	47	3
16A85A0302	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	47	3
16A85A0302	RT4103L	SIMULATION LAB	24	41	2
16A85A0302	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A85A0303	RT41031	AUTOMOBILE ENGINEERING	29	60	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0303	RT41032	CAD / CAM	26	35	3
16A85A0303	RT41033	FINITE ELEMENT METHODS	24	39	3
16A85A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	49	3
16A85A0303	RT41035	MEMS	27	43	3
16A85A0303	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	56	3
16A85A0303	RT4103L	SIMULATION LAB	24	45	2
16A85A0303	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16A85A0304	RT41031	AUTOMOBILE ENGINEERING	25	40	3
16A85A0304	RT41032	CAD / CAM	26	32	3
16A85A0304	RT41033	FINITE ELEMENT METHODS	23	32	3
16A85A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	37	3
16A85A0304	RT41035	MEMS	27	37	3
16A85A0304	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	51	3
16A85A0304	RT4103L	SIMULATION LAB	22	42	2
16A85A0304	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A85A0305	RT41031	AUTOMOBILE ENGINEERING	15	40	3
16A85A0305	RT41032	CAD / CAM	27	37	3
16A85A0305	RT41033	FINITE ELEMENT METHODS	20	24	3
16A85A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	37	3
16A85A0305	RT41035	MEMS	19	28	3
16A85A0305	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	20	50	3
16A85A0305	RT4103L	SIMULATION LAB	23	41	2
16A85A0305	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A85A0306	RT41031	AUTOMOBILE ENGINEERING	26	51	3
16A85A0306	RT41032	CAD / CAM	26	48	3
16A85A0306	RT41033	FINITE ELEMENT METHODS	26	56	3
16A85A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	36	3
16A85A0306	RT41035	MEMS	24	48	3
16A85A0306	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	49	3
16A85A0306	RT4103L	SIMULATION LAB	23	42	2
16A85A0306	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A85A0307	RT41031	AUTOMOBILE ENGINEERING	29	46	3
16A85A0307	RT41032	CAD / CAM	25	44	3
16A85A0307	RT41033	FINITE ELEMENT METHODS	19	24	3
16A85A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	47	3
16A85A0307	RT41035	MEMS	27	42	3
16A85A0307	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	54	3
16A85A0307	RT4103L	SIMULATION LAB	23	43	2
16A85A0307	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A85A0308	RT41031	AUTOMOBILE ENGINEERING	30	65	3
16A85A0308	RT41032	CAD / CAM	28	51	3
16A85A0308	RT41033	FINITE ELEMENT METHODS	29	42	3
16A85A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	35	3
16A85A0308	RT41035	MEMS	28	62	3
16A85A0308	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	59	3
16A85A0308	RT4103L	SIMULATION LAB	24	45	2
16A85A0308	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16A85A0309	RT41031	AUTOMOBILE ENGINEERING	23	52	3
16A85A0309	RT41032	CAD / CAM	28	49	3
16A85A0309	RT41033	FINITE ELEMENT METHODS	21	30	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	40	3
16A85A0309	RT41035	MEMS	24	36	3
16A85A0309	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	51	3
16A85A0309	RT4103L	SIMULATION LAB	22	42	2
16A85A0309	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A85A0310	RT41031	AUTOMOBILE ENGINEERING	26	44	3
16A85A0310	RT41032	CAD / CAM	25	42	3
16A85A0310	RT41033	FINITE ELEMENT METHODS	24	60	3
16A85A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
16A85A0310	RT41035	MEMS	29	47	3
16A85A0310	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	52	3
16A85A0310	RT4103L	SIMULATION LAB	20	40	2
16A85A0310	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16A85A0312	RT41031	AUTOMOBILE ENGINEERING	26	66	3
16A85A0312	RT41032	CAD / CAM	27	38	3
16A85A0312	RT41033	FINITE ELEMENT METHODS	22	40	3
16A85A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	58	3
16A85A0312	RT41035	MEMS	29	48	3
16A85A0312	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	55	3
16A85A0312	RT4103L	SIMULATION LAB	21	42	2
16A85A0312	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A85A0313	RT41031	AUTOMOBILE ENGINEERING	24	44	3
16A85A0313	RT41032	CAD / CAM	26	35	3
16A85A0313	RT41033	FINITE ELEMENT METHODS	25	40	3
16A85A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	32	3
16A85A0313	RT41035	MEMS	27	34	3
16A85A0313	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	41	3
16A85A0313	RT4103L	SIMULATION LAB	21	40	2
16A85A0313	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A85A0314	RT41031	AUTOMOBILE ENGINEERING	28	52	3
16A85A0314	RT41032	CAD / CAM	25	32	3
16A85A0314	RT41033	FINITE ELEMENT METHODS	25	24	3
16A85A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	33	3
16A85A0314	RT41035	MEMS	25	32	3
16A85A0314	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	49	3
16A85A0314	RT4103L	SIMULATION LAB	25	46	2
16A85A0314	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16A85A0315	RT41031	AUTOMOBILE ENGINEERING	30	49	3
16A85A0315	RT41032	CAD / CAM	23	45	3
16A85A0315	RT41033	FINITE ELEMENT METHODS	27	57	3
16A85A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	34	3
16A85A0315	RT41035	MEMS	25	58	3
16A85A0315	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	51	3
16A85A0315	RT4103L	SIMULATION LAB	24	46	2
16A85A0315	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16A85A0317	RT41031	AUTOMOBILE ENGINEERING	28	53	3
16A85A0317	RT41032	CAD / CAM	24	41	3
16A85A0317	RT41033	FINITE ELEMENT METHODS	20	37	3
16A85A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	44	3
16A85A0317	RT41035	MEMS	24	39	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0317	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	48	3
16A85A0317	RT4103L	SIMULATION LAB	22	38	2
16A85A0317	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16A85A0319	RT41031	AUTOMOBILE ENGINEERING	17	43	3
16A85A0319	RT41032	CAD / CAM	17	32	3
16A85A0319	RT41033	FINITE ELEMENT METHODS	21	28	3
16A85A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	35	3
16A85A0319	RT41035	MEMS	21	37	3
16A85A0319	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	28	39	3
16A85A0319	RT4103L	SIMULATION LAB	23	47	2
16A85A0319	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
16A85A0320	RT41031	AUTOMOBILE ENGINEERING	26	51	3
16A85A0320	RT41032	CAD / CAM	25	59	3
16A85A0320	RT41033	FINITE ELEMENT METHODS	24	32	3
16A85A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	35	3
16A85A0320	RT41035	MEMS	28	42	3
16A85A0320	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	30	53	3
16A85A0320	RT4103L	SIMULATION LAB	25	48	2
16A85A0320	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16A85A0321	RT41031	AUTOMOBILE ENGINEERING	24	40	3
16A85A0321	RT41032	CAD / CAM	20	41	3
16A85A0321	RT41033	FINITE ELEMENT METHODS	22	42	3
16A85A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	30	3
16A85A0321	RT41035	MEMS	26	49	3
16A85A0321	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	53	3
16A85A0321	RT4103L	SIMULATION LAB	23	48	2
16A85A0321	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16A85A0322	RT41031	AUTOMOBILE ENGINEERING	26	25	3
16A85A0322	RT41032	CAD / CAM	23	26	3
16A85A0322	RT41033	FINITE ELEMENT METHODS	21	25	3
16A85A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	29	3
16A85A0322	RT41035	MEMS	20	29	3
16A85A0322	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	25	35	3
16A85A0322	RT4103L	SIMULATION LAB	18	43	2
16A85A0322	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
16A85A0323	RT41031	AUTOMOBILE ENGINEERING	30	46	3
16A85A0323	RT41032	CAD / CAM	23	38	3
16A85A0323	RT41033	FINITE ELEMENT METHODS	24	40	3
16A85A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	35	3
16A85A0323	RT41035	MEMS	22	43	3
16A85A0323	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	59	3
16A85A0323	RT4103L	SIMULATION LAB	21	48	2
16A85A0323	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16A85A0324	RT41031	AUTOMOBILE ENGINEERING	27	37	3
16A85A0324	RT41032	CAD / CAM	24	40	3
16A85A0324	RT41033	FINITE ELEMENT METHODS	22	30	3
16A85A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	37	3
16A85A0324	RT41035	MEMS	25	41	3
16A85A0324	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	24	49	3
16A85A0324	RT4103L	SIMULATION LAB	12	33	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0324	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
16A85A0325	RT41031	AUTOMOBILE ENGINEERING	24	56	3
16A85A0325	RT41032	CAD / CAM	28	38	3
16A85A0325	RT41033	FINITE ELEMENT METHODS	24	51	3
16A85A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	24	3
16A85A0325	RT41035	MEMS	29	50	3
16A85A0325	RT4103A	INDUSTRIAL HYDRAULICS AND PNEUMATICS	29	57	3
16A85A0325	RT4103L	SIMULATION LAB	23	47	2
16A85A0325	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16A85A0401	RT41041	VLSI DESIGN	22	24	3
16A85A0401	RT41042	COMPUTER NETWORKS	20	26	3
16A85A0401	RT41043	DIGITAL IMAGE PROCESSING	22	11	0
16A85A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
16A85A0401	RT41048	RADAR SYSTEMS	21	33	3
16A85A0401	RT4104A	OPTICAL COMMUNICATION	28	15	0
16A85A0401	RT4104L	V L S I LAB	21	34	2
16A85A0401	RT4104M	MICROWAVE ENGINEERING LAB	21	28	2
16A85A0402	RT41041	VLSI DESIGN	23	46	3
16A85A0402	RT41042	COMPUTER NETWORKS	25	29	3
16A85A0402	RT41043	DIGITAL IMAGE PROCESSING	22	29	3
16A85A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
16A85A0402	RT41048	RADAR SYSTEMS	24	38	3
16A85A0402	RT4104A	OPTICAL COMMUNICATION	28	13	0
16A85A0402	RT4104L	V L S I LAB	21	46	2
16A85A0402	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
16A85A0403	RT41041	VLSI DESIGN	22	41	3
16A85A0403	RT41042	COMPUTER NETWORKS	25	27	3
16A85A0403	RT41043	DIGITAL IMAGE PROCESSING	19	5	0
16A85A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
16A85A0403	RT41048	RADAR SYSTEMS	23	34	3
16A85A0403	RT4104A	OPTICAL COMMUNICATION	28	29	3
16A85A0403	RT4104L	V L S I LAB	20	30	2
16A85A0403	RT4104M	MICROWAVE ENGINEERING LAB	20	30	2
16A85A0404	RT41041	VLSI DESIGN	22	35	3
16A85A0404	RT41042	COMPUTER NETWORKS	22	34	3
16A85A0404	RT41043	DIGITAL IMAGE PROCESSING	18	31	3
16A85A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
16A85A0404	RT41048	RADAR SYSTEMS	19	24	3
16A85A0404	RT4104A	OPTICAL COMMUNICATION	25	29	3
16A85A0404	RT4104L	V L S I LAB	17	30	2
16A85A0404	RT4104M	MICROWAVE ENGINEERING LAB	15	30	2
16A85A0405	RT41041	VLSI DESIGN	18	5	0
16A85A0405	RT41042	COMPUTER NETWORKS	24	30	3
16A85A0405	RT41043	DIGITAL IMAGE PROCESSING	20	9	0
16A85A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
16A85A0405	RT41048	RADAR SYSTEMS	16	28	3
16A85A0405	RT4104A	OPTICAL COMMUNICATION	25	6	0
16A85A0405	RT4104L	V L S I LAB	20	32	2
16A85A0405	RT4104M	MICROWAVE ENGINEERING LAB	17	38	2
16A85A0406	RT41041	VLSI DESIGN	21	40	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0406	RT41042	COMPUTER NETWORKS	23	32	3
16A85A0406	RT41043	DIGITAL IMAGE PROCESSING	17	34	3
16A85A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	41	3
16A85A0406	RT41048	RADAR SYSTEMS	20	32	3
16A85A0406	RT4104A	OPTICAL COMMUNICATION	25	28	3
16A85A0406	RT4104L	V L S I LAB	23	42	2
16A85A0406	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
16A85A0407	RT41041	VLSI DESIGN	20	32	3
16A85A0407	RT41042	COMPUTER NETWORKS	23	33	3
16A85A0407	RT41043	DIGITAL IMAGE PROCESSING	16	5	0
16A85A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	25	3
16A85A0407	RT41048	RADAR SYSTEMS	19	32	3
16A85A0407	RT4104A	OPTICAL COMMUNICATION	24	12	0
16A85A0407	RT4104L	V L S I LAB	21	38	2
16A85A0407	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
16A85A0408	RT41041	VLSI DESIGN	16	37	3
16A85A0408	RT41042	COMPUTER NETWORKS	22	42	3
16A85A0408	RT41043	DIGITAL IMAGE PROCESSING	19	2	0
16A85A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3
16A85A0408	RT41048	RADAR SYSTEMS	24	9	0
16A85A0408	RT4104A	OPTICAL COMMUNICATION	21	35	3
16A85A0408	RT4104L	V L S I LAB	19	36	2
16A85A0408	RT4104M	MICROWAVE ENGINEERING LAB	18	35	2
16A85A0409	RT41041	VLSI DESIGN	23	25	3
16A85A0409	RT41042	COMPUTER NETWORKS	25	37	3
16A85A0409	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
16A85A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
16A85A0409	RT41048	RADAR SYSTEMS	19	40	3
16A85A0409	RT4104A	OPTICAL COMMUNICATION	26	36	3
16A85A0409	RT4104L	V L S I LAB	21	43	2
16A85A0409	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
16A85A0410	RT41041	VLSI DESIGN	20	28	3
16A85A0410	RT41042	COMPUTER NETWORKS	22	24	3
16A85A0410	RT41043	DIGITAL IMAGE PROCESSING	20	25	3
16A85A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3
16A85A0410	RT41048	RADAR SYSTEMS	22	28	3
16A85A0410	RT4104A	OPTICAL COMMUNICATION	20	28	3
16A85A0410	RT4104L	V L S I LAB	21	35	2
16A85A0410	RT4104M	MICROWAVE ENGINEERING LAB	22	35	2
16A85A0411	RT41041	VLSI DESIGN	21	39	3
16A85A0411	RT41042	COMPUTER NETWORKS	24	34	3
16A85A0411	RT41043	DIGITAL IMAGE PROCESSING	22	6	0
16A85A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	24	3
16A85A0411	RT41048	RADAR SYSTEMS	27	29	3
16A85A0411	RT4104A	OPTICAL COMMUNICATION	26	17	0
16A85A0411	RT4104L	V L S I LAB	24	41	2
16A85A0411	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
16A85A0412	RT41041	VLSI DESIGN	23	47	3
16A85A0412	RT41042	COMPUTER NETWORKS	24	28	3
16A85A0412	RT41043	DIGITAL IMAGE PROCESSING	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	24	3
16A85A0412	RT41048	RADAR SYSTEMS	23	31	3
16A85A0412	RT4104A	OPTICAL COMMUNICATION	24	36	3
16A85A0412	RT4104L	V L S I LAB	22	45	2
16A85A0412	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
16A85A0413	RT41041	VLSI DESIGN	22	27	3
16A85A0413	RT41042	COMPUTER NETWORKS	23	42	3
16A85A0413	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
16A85A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	29	3
16A85A0413	RT41048	RADAR SYSTEMS	23	25	3
16A85A0413	RT4104A	OPTICAL COMMUNICATION	23	38	3
16A85A0413	RT4104L	V L S I LAB	21	39	2
16A85A0413	RT4104M	MICROWAVE ENGINEERING LAB	20	37	2
16A85A0414	RT41041	VLSI DESIGN	18	27	3
16A85A0414	RT41042	COMPUTER NETWORKS	22	33	3
16A85A0414	RT41043	DIGITAL IMAGE PROCESSING	18	26	3
16A85A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
16A85A0414	RT41048	RADAR SYSTEMS	24	32	3
16A85A0414	RT4104A	OPTICAL COMMUNICATION	21	35	3
16A85A0414	RT4104L	V L S I LAB	23	42	2
16A85A0414	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
16A85A0415	RT41041	VLSI DESIGN	16	24	3
16A85A0415	RT41042	COMPUTER NETWORKS	24	26	3
16A85A0415	RT41043	DIGITAL IMAGE PROCESSING	19	4	0
16A85A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	35	3
16A85A0415	RT41048	RADAR SYSTEMS	25	18	0
16A85A0415	RT4104A	OPTICAL COMMUNICATION	18	29	3
16A85A0415	RT4104L	V L S I LAB	23	42	2
16A85A0415	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
16A85A0416	RT41041	VLSI DESIGN	24	38	3
16A85A0416	RT41042	COMPUTER NETWORKS	26	36	3
16A85A0416	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
16A85A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	32	3
16A85A0416	RT41048	RADAR SYSTEMS	25	35	3
16A85A0416	RT4104A	OPTICAL COMMUNICATION	28	31	3
16A85A0416	RT4104L	V L S I LAB	24	45	2
16A85A0416	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
16A85A0417	RT41041	VLSI DESIGN	25	41	3
16A85A0417	RT41042	COMPUTER NETWORKS	24	45	3
16A85A0417	RT41043	DIGITAL IMAGE PROCESSING	24	54	3
16A85A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	49	3
16A85A0417	RT41048	RADAR SYSTEMS	26	39	3
16A85A0417	RT4104A	OPTICAL COMMUNICATION	27	39	3
16A85A0417	RT4104L	V L S I LAB	24	48	2
16A85A0417	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
16A85A0418	RT41041	VLSI DESIGN	20	35	3
16A85A0418	RT41042	COMPUTER NETWORKS	21	24	3
16A85A0418	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
16A85A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	17	0
16A85A0418	RT41048	RADAR SYSTEMS	28	27	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0418	RT4104A	OPTICAL COMMUNICATION	23	26	3
16A85A0418	RT4104L	V L S I LAB	24	48	2
16A85A0418	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
16A85A0419	RT41041	VLSI DESIGN	15	14	0
16A85A0419	RT41042	COMPUTER NETWORKS	17	35	3
16A85A0419	RT41043	DIGITAL IMAGE PROCESSING	20	5	0
16A85A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
16A85A0419	RT41048	RADAR SYSTEMS	26	11	0
16A85A0419	RT4104A	OPTICAL COMMUNICATION	18	29	3
16A85A0419	RT4104L	V L S I LAB	20	21	2
16A85A0419	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
16A85A0420	RT41041	VLSI DESIGN	14	52	3
16A85A0420	RT41042	COMPUTER NETWORKS	19	48	3
16A85A0420	RT41043	DIGITAL IMAGE PROCESSING	21	46	3
16A85A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	35	3
16A85A0420	RT41048	RADAR SYSTEMS	17	32	3
16A85A0420	RT4104A	OPTICAL COMMUNICATION	19	26	3
16A85A0420	RT4104L	V L S I LAB	22	42	2
16A85A0420	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
16A85A0421	RT41041	VLSI DESIGN	22	44	3
16A85A0421	RT41042	COMPUTER NETWORKS	21	37	3
16A85A0421	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
16A85A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
16A85A0421	RT41048	RADAR SYSTEMS	22	35	3
16A85A0421	RT4104A	OPTICAL COMMUNICATION	26	28	3
16A85A0421	RT4104L	V L S I LAB	24	44	2
16A85A0421	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
16A85A0422	RT41041	VLSI DESIGN	21	31	3
16A85A0422	RT41042	COMPUTER NETWORKS	22	25	3
16A85A0422	RT41043	DIGITAL IMAGE PROCESSING	19	26	3
16A85A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	9	0
16A85A0422	RT41048	RADAR SYSTEMS	17	26	3
16A85A0422	RT4104A	OPTICAL COMMUNICATION	21	27	3
16A85A0422	RT4104L	V L S I LAB	19	38	2
16A85A0422	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
16A85A0423	RT41041	VLSI DESIGN	23	41	3
16A85A0423	RT41042	COMPUTER NETWORKS	26	37	3
16A85A0423	RT41043	DIGITAL IMAGE PROCESSING	25	28	3
16A85A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	34	3
16A85A0423	RT41048	RADAR SYSTEMS	28	44	3
16A85A0423	RT4104A	OPTICAL COMMUNICATION	28	32	3
16A85A0423	RT4104L	V L S I LAB	23	45	2
16A85A0423	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
16A85A0424	RT41041	VLSI DESIGN	13	36	3
16A85A0424	RT41042	COMPUTER NETWORKS	19	45	3
16A85A0424	RT41043	DIGITAL IMAGE PROCESSING	18	32	3
16A85A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	31	3
16A85A0424	RT41048	RADAR SYSTEMS	18	13	0
16A85A0424	RT4104A	OPTICAL COMMUNICATION	22	32	3
16A85A0424	RT4104L	V L S I LAB	20	34	2

Htno	Subcode	Subname	Internal	External	Credits
16A85A0424	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
16A85A0425	RT41041	VLSI DESIGN	23	34	3
16A85A0425	RT41042	COMPUTER NETWORKS	27	50	3
16A85A0425	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
16A85A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	40	3
16A85A0425	RT41048	RADAR SYSTEMS	27	36	3
16A85A0425	RT4104A	OPTICAL COMMUNICATION	29	32	3
16A85A0425	RT4104L	V L S I LAB	23	45	2
16A85A0425	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
16A85A0426	RT41041	VLSI DESIGN	17	27	3
16A85A0426	RT41042	COMPUTER NETWORKS	23	30	3
16A85A0426	RT41043	DIGITAL IMAGE PROCESSING	21	11	0
16A85A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	33	3
16A85A0426	RT41048	RADAR SYSTEMS	18	30	3
16A85A0426	RT4104A	OPTICAL COMMUNICATION	19	27	3
16A85A0426	RT4104L	V L S I LAB	21	42	2
16A85A0426	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
16A85A0427	RT41041	VLSI DESIGN	25	39	3
16A85A0427	RT41042	COMPUTER NETWORKS	27	59	3
16A85A0427	RT41043	DIGITAL IMAGE PROCESSING	24	28	3
16A85A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	35	3
16A85A0427	RT41048	RADAR SYSTEMS	28	36	3
16A85A0427	RT4104A	OPTICAL COMMUNICATION	25	40	3
16A85A0427	RT4104L	V L S I LAB	25	49	2
16A85A0427	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
16A85A0428	RT41041	VLSI DESIGN	15	26	3
16A85A0428	RT41042	COMPUTER NETWORKS	15	28	3
16A85A0428	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
16A85A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	29	3
16A85A0428	RT41048	RADAR SYSTEMS	23	8	0
16A85A0428	RT4104A	OPTICAL COMMUNICATION	24	15	0
16A85A0428	RT4104L	V L S I LAB	22	45	2
16A85A0428	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
16A85A0429	RT41041	VLSI DESIGN	23	43	3
16A85A0429	RT41042	COMPUTER NETWORKS	25	47	3
16A85A0429	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
16A85A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
16A85A0429	RT41048	RADAR SYSTEMS	29	45	3
16A85A0429	RT4104A	OPTICAL COMMUNICATION	28	51	3
16A85A0429	RT4104L	V L S I LAB	23	48	2
16A85A0429	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
16A85A0430	RT41041	VLSI DESIGN	17	41	3
16A85A0430	RT41042	COMPUTER NETWORKS	24	24	3
16A85A0430	RT41043	DIGITAL IMAGE PROCESSING	16	39	3
16A85A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	38	3
16A85A0430	RT41048	RADAR SYSTEMS	26	26	3
16A85A0430	RT4104A	OPTICAL COMMUNICATION	25	26	3
16A85A0430	RT4104L	V L S I LAB	22	43	2
16A85A0430	RT4104M	MICROWAVE ENGINEERING LAB	23	36	2
16A85A0431	RT41041	VLSI DESIGN	15	4	0

Htno	Subcode	Subname	Internal	External	Credits
16A85A0431	RT41042	COMPUTER NETWORKS	23	24	3
16A85A0431	RT41043	DIGITAL IMAGE PROCESSING	18	4	0
16A85A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	27	3
16A85A0431	RT41048	RADAR SYSTEMS	23	24	3
16A85A0431	RT4104A	OPTICAL COMMUNICATION	27	29	3
16A85A0431	RT4104L	V L S I LAB	17	26	2
16A85A0431	RT4104M	MICROWAVE ENGINEERING LAB	21	38	2
16A85A0432	RT41041	VLSI DESIGN	23	52	3
16A85A0432	RT41042	COMPUTER NETWORKS	26	45	3
16A85A0432	RT41043	DIGITAL IMAGE PROCESSING	21	49	3
16A85A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	36	3
16A85A0432	RT41048	RADAR SYSTEMS	25	37	3
16A85A0432	RT4104A	OPTICAL COMMUNICATION	29	42	3
16A85A0432	RT4104L	V L S I LAB	24	48	2
16A85A0432	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
16A85A0433	RT41041	VLSI DESIGN	23	45	3
16A85A0433	RT41042	COMPUTER NETWORKS	23	48	3
16A85A0433	RT41043	DIGITAL IMAGE PROCESSING	21	24	3
16A85A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	25	3
16A85A0433	RT41048	RADAR SYSTEMS	29	42	3
16A85A0433	RT4104A	OPTICAL COMMUNICATION	30	36	3
16A85A0433	RT4104L	V L S I LAB	22	46	2
16A85A0433	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
16A85A0434	RT41041	VLSI DESIGN	20	45	3
16A85A0434	RT41042	COMPUTER NETWORKS	23	28	3
16A85A0434	RT41043	DIGITAL IMAGE PROCESSING	20	38	3
16A85A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	46	3
16A85A0434	RT41048	RADAR SYSTEMS	24	31	3
16A85A0434	RT4104A	OPTICAL COMMUNICATION	23	37	3
16A85A0434	RT4104L	V L S I LAB	24	48	2
16A85A0434	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
16A85A0435	RT41041	VLSI DESIGN	23	36	3
16A85A0435	RT41042	COMPUTER NETWORKS	25	54	3
16A85A0435	RT41043	DIGITAL IMAGE PROCESSING	20	16	0
16A85A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	38	3
16A85A0435	RT41048	RADAR SYSTEMS	29	37	3
16A85A0435	RT4104A	OPTICAL COMMUNICATION	25	43	3
16A85A0435	RT4104L	V L S I LAB	21	47	2
16A85A0435	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
16A85A0436	RT41041	VLSI DESIGN	19	56	3
16A85A0436	RT41042	COMPUTER NETWORKS	23	53	3
16A85A0436	RT41043	DIGITAL IMAGE PROCESSING	22	45	3
16A85A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
16A85A0436	RT41048	RADAR SYSTEMS	30	33	3
16A85A0436	RT4104A	OPTICAL COMMUNICATION	29	34	3
16A85A0436	RT4104L	V L S I LAB	22	48	2
16A85A0436	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
16A85A0437	RT41041	VLSI DESIGN	15	27	3
16A85A0437	RT41042	COMPUTER NETWORKS	18	27	3
16A85A0437	RT41043	DIGITAL IMAGE PROCESSING	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	31	3
16A85A0437	RT41048	RADAR SYSTEMS	15	11	0
16A85A0437	RT4104A	OPTICAL COMMUNICATION	24	27	3
16A85A0437	RT4104L	V L S I LAB	21	38	2
16A85A0437	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
16A85A0438	RT41041	VLSI DESIGN	18	41	3
16A85A0438	RT41042	COMPUTER NETWORKS	21	25	3
16A85A0438	RT41043	DIGITAL IMAGE PROCESSING	20	33	3
16A85A0438	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	35	3
16A85A0438	RT41048	RADAR SYSTEMS	22	26	3
16A85A0438	RT4104A	OPTICAL COMMUNICATION	25	26	3
16A85A0438	RT4104L	V L S I LAB	21	38	2
16A85A0438	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
16A85A0439	RT41041	VLSI DESIGN	12	18	0
16A85A0439	RT41042	COMPUTER NETWORKS	16	3	0
16A85A0439	RT41043	DIGITAL IMAGE PROCESSING	21	0	0
16A85A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	5	0
16A85A0439	RT41048	RADAR SYSTEMS	17	9	0
16A85A0439	RT4104A	OPTICAL COMMUNICATION	21	6	0
16A85A0439	RT4104L	V L S I LAB	12	28	2
16A85A0439	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
16A85A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	34	3
16A85A0501	RT41052	UML AND DESIGN PATTERNS	21	33	3
16A85A0501	RT41053	MOBILE COMPUTING	17	31	3
16A85A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	24	35	3
16A85A0501	RT4105B	HADOOP AND BIG DATA	21	36	3
16A85A0501	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
16A85A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
16A85A0501	RT4105N	SOFTWARE TESTING LAB	23	45	2
16A85A0501	RT4105O	HADOOP AND BIGDATA LAB	20	32	2
16A85A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
16A85A0502	RT41052	UML AND DESIGN PATTERNS	24	28	3
16A85A0502	RT41053	MOBILE COMPUTING	25	33	3
16A85A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	29	46	3
16A85A0502	RT4105B	HADOOP AND BIG DATA	21	51	3
16A85A0502	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
16A85A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
16A85A0502	RT4105N	SOFTWARE TESTING LAB	24	45	2
16A85A0502	RT4105O	HADOOP AND BIGDATA LAB	20	37	2
16A85A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	42	3
16A85A0503	RT41052	UML AND DESIGN PATTERNS	24	47	3
16A85A0503	RT41053	MOBILE COMPUTING	23	31	3
16A85A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	27	33	3
16A85A0503	RT4105B	HADOOP AND BIG DATA	20	37	3
16A85A0503	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
16A85A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
16A85A0503	RT4105N	SOFTWARE TESTING LAB	25	46	2
16A85A0503	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
16A85A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	29	3
16A85A0504	RT41052	UML AND DESIGN PATTERNS	23	53	3

Htno	Subcode	Subname	Internal	External	Credits
16A85A0504	RT41053	MOBILE COMPUTING	28	46	3
16A85A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	27	42	3
16A85A0504	RT4105B	HADOOP AND BIG DATA	16	38	3
16A85A0504	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
16A85A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
16A85A0504	RT4105N	SOFTWARE TESTING LAB	24	46	2
16A85A0504	RT4105O	HADOOP AND BIGDATA LAB	20	24	2
16A85A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
16A85A0505	RT41052	UML AND DESIGN PATTERNS	25	43	3
16A85A0505	RT41053	MOBILE COMPUTING	22	46	3
16A85A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	27	44	3
16A85A0505	RT4105B	HADOOP AND BIG DATA	20	35	3
16A85A0505	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
16A85A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
16A85A0505	RT4105N	SOFTWARE TESTING LAB	24	45	2
16A85A0505	RT4105O	HADOOP AND BIGDATA LAB	23	41	2
16A85A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	24	3
16A85A0506	RT41052	UML AND DESIGN PATTERNS	23	30	3
16A85A0506	RT41053	MOBILE COMPUTING	20	30	3
16A85A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	26	35	3
16A85A0506	RT4105B	HADOOP AND BIG DATA	21	36	3
16A85A0506	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
16A85A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	13	46	2
16A85A0506	RT4105N	SOFTWARE TESTING LAB	23	46	2
16A85A0506	RT4105O	HADOOP AND BIGDATA LAB	17	22	2
16A85A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	30	3
16A85A0507	RT41052	UML AND DESIGN PATTERNS	23	33	3
16A85A0507	RT41053	MOBILE COMPUTING	21	33	3
16A85A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	24	37	3
16A85A0507	RT4105B	HADOOP AND BIG DATA	20	24	3
16A85A0507	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
16A85A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
16A85A0507	RT4105N	SOFTWARE TESTING LAB	23	45	2
16A85A0507	RT4105O	HADOOP AND BIGDATA LAB	21	5	0
16A85A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	29	3
16A85A0508	RT41052	UML AND DESIGN PATTERNS	25	49	3
16A85A0508	RT41053	MOBILE COMPUTING	26	31	3
16A85A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	28	34	3
16A85A0508	RT4105B	HADOOP AND BIG DATA	22	37	3
16A85A0508	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
16A85A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
16A85A0508	RT4105N	SOFTWARE TESTING LAB	25	50	2
16A85A0508	RT4105O	HADOOP AND BIGDATA LAB	23	41	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