



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for IV B.Tech I Semester Regular/Supplementary Examination Nov-2017

College: KKR AND KSR INST OF TECH AND SCI, VINJANAMPADU, GUNTUR:JR

Htno	Subcode	Subname	Internal	External	Credits
10JR1A0115	R41012	DESIGN & DRAWING OF IRRIGATION STRUCTURES	19	-1	0
10JR1A0158	R41011	GEOTECHNICAL ENGINEERING_II	4	-1	0
10JR1A0499	R41044	RADAR SYSTEMS	10	10	0
10JR1A05A7	R41057	OPEN SOURCE SOFTWARE	8	0	0
11JR1A0246	R41022	HIGH VOLTAGE ENGINEERING	18	10	0
11JR1A0316	R41032	CAD/CAM	15	14	0
11JR1A0316	R41037	AUTOMOBILE ENGINEERING	12	14	0
11JR1A0436	R41041	OPTICAL COMMUNICATIONS	18	30	4
11JR1A0444	R41041	OPTICAL COMMUNICATIONS	14	15	0
11JR1A0444	R41048	BIO-MEDICAL ENGINEERING	8	14	0
11JR1A0448	R41042	EMBEDDED SYSTEMS	9	26	0
11JR1A0495	R41041	OPTICAL COMMUNICATIONS	19	11	0
11JR1A0496	QT41045	RADAR SYSTEMS	20	24	3
11JR1A0496	RT41041	VLSI DESIGN	16	18	0
11JR1A0496	RT41042	COMPUTER NETWORKS	21	29	3
11JR1A0496	RT41043	DIGITAL IMAGE PROCESSING	20	38	3
11JR1A0496	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	33	3
11JR1A0496	RT4104A	OPTICAL COMMUNICATION	19	28	3
11JR1A0496	RT4104L	V L S I LAB	20	44	2
11JR1A0496	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
11JR1A0498	R41043	DIGITAL IMAGE PROCESSING	18	6	0
122X1A0202	R41021	COMPUTER ORGANIZATION	17	16	0
122X1A0202	R41022	HIGH VOLTAGE ENGINEERING	10	11	0
122X1A0202	R41023	SWITCH GEAR & PROTECTION	15	17	0
122X1A0202	R41024	POWER SYSTEM OPERATION & CONTROL	12	12	0
122X1A0202	R41026	INSTRUMENTATION	11	8	0
122X1A0202	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	18	0
12JR1A0131	R41011	GEOTECHNICAL ENGINEERING_II	12	37	4
12JR1A0151	R41012	DESIGN & DRAWING OF IRRIGATION STRUCTURES	17	24	0
12JR1A0222	R41021	COMPUTER ORGANIZATION	20	35	4
12JR1A0222	R41026	INSTRUMENTATION	16	16	0
12JR1A0222	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	26	4
12JR1A0302	R41033	ALTERNATIVE SOURCES OF ENERGY	19	-1	0
12JR1A0302	R41037	AUTOMOBILE ENGINEERING	12	40	4
12JR1A0316	R41033	ALTERNATIVE SOURCES OF ENERGY	21	11	0
12JR1A0353	RT41039	AUTOMATION IN MANUFACTURING	18	33	3
12JR1A0449	R41041	OPTICAL COMMUNICATIONS	8	30	0
12JR1A0449	R41043	DIGITAL IMAGE PROCESSING	16	17	0
12JR1A0498	R41041	OPTICAL COMMUNICATIONS	6	-1	0
12JR1A0498	R41043	DIGITAL IMAGE PROCESSING	16	-1	0
12JR1A0498	R41044	RADAR SYSTEMS	5	-1	0
12JR1A0498	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	14	-1	0
12JR1A0498	R41048	BIO-MEDICAL ENGINEERING	11	12	0
12JR1A04E1	R41043	DIGITAL IMAGE PROCESSING	15	10	0

Htno	Subcode	Subname	Internal	External	Credits
12JR1A04E2	R41041	OPTICAL COMMUNICATIONS	10	-1	0
12JR1A04E2	R41042	EMBEDDED SYSTEMS	15	-1	0
12JR1A04E2	R41043	DIGITAL IMAGE PROCESSING	16	7	0
12JR1A04E2	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	-1	0
12JR1A04E2	R41048	BIO-MEDICAL ENGINEERING	12	-1	0
12JR1A04E5	R41043	DIGITAL IMAGE PROCESSING	14	19	0
12JR1A04E5	R41044	RADAR SYSTEMS	8	10	0
12JR1A04E6	R41043	DIGITAL IMAGE PROCESSING	14	15	0
12JR1A04F0	R41043	DIGITAL IMAGE PROCESSING	17	33	4
12JR1A04F5	R41043	DIGITAL IMAGE PROCESSING	15	14	0
12JR1A0517	R41057	OPEN SOURCE SOFTWARE	19	35	4
12JR1A0538	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	11	0
12JR5A0410	R41043	DIGITAL IMAGE PROCESSING	21	15	0
12JR5A0418	R41042	EMBEDDED SYSTEMS	16	-1	0
13JR1A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	6	0
13JR1A0119	RT41014	WATER RESOURCES ENGINEERING - II	17	35	3
13JR1A0136	RT41012	PRESTRESSED CONCRETE	10	11	0
13JR1A0136	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	35	3
13JR1A01A0	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	57	3
13JR1A01A3	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	45	3
13JR1A0245	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	40	3
13JR1A0310	RT41032	CAD CAM	18	34	3
13JR1A0313	RT41035	MEMS	21	1	0
13JR1A0327	RT41033	FINITE ELEMENT METHODS	18	-1	0
13JR1A0342	RT41031	AUTOMOBILE ENGINEERING	19	47	3
13JR1A0342	RT41032	CAD CAM	25	35	3
13JR1A0342	RT41033	FINITE ELEMENT METHODS	26	31	3
13JR1A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	49	3
13JR1A0342	RT41035	MEMS	23	39	3
13JR1A0342	RT41039	AUTOMATION IN MANUFACTURING	16	38	3
13JR1A0342	RT4103L	SIMULATION LAB	22	48	2
13JR1A0342	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
13JR1A0353	RT41032	CAD CAM	3	-1	0
13JR1A0353	RT41035	MEMS	3	-1	0
13JR1A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	20	0
13JR1A0376	RT41033	FINITE ELEMENT METHODS	22	7	0
13JR1A0381	RT41033	FINITE ELEMENT METHODS	21	24	3
13JR1A0382	RT41033	FINITE ELEMENT METHODS	24	3	0
13JR1A0385	RT41033	FINITE ELEMENT METHODS	18	12	0
13JR1A0445	RT4104A	OPTICAL COMMUNICATION	19	0	0
13JR1A0478	RT41043	DIGITAL IMAGE PROCESSING	14	39	3
13JR1A0489	RT41041	VLSI DESIGN	14	34	3
13JR1A0491	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	24	3
13JR1A0497	RT4104A	OPTICAL COMMUNICATION	13	2	0
13JR1A04C2	RT4104A	OPTICAL COMMUNICATION	18	31	3
13JR1A04C5	RT41041	VLSI DESIGN	24	40	3
13JR1A04C5	RT41042	COMPUTER NETWORKS	25	33	3
13JR1A04C5	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
13JR1A04C5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	48	3
13JR1A04C5	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
13JR1A04C5	RT4104A	OPTICAL COMMUNICATION	23	49	3
13JR1A04C5	RT4104L	V L S I LAB	23	48	2
13JR1A04C5	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
13JR1A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	24	3
13JR1A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	11	0
13JR1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	6	0
13JR1A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	19	4	0
13JR1A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	46	3
13JR1A0564	RT41053	MOBILE COMPUTING	10	27	0
13JR1A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
13JR1A0571	RT41052	UML AND DESIGN PATTERNS	16	32	3
13JR1A0571	RT41053	MOBILE COMPUTING	26	29	3
13JR1A0571	RT41054	SOFTWARE TESTING METHODOLOGIES	22	28	3
13JR1A0571	RT4105B	HADOOP AND BIG DATA	20	33	3
13JR1A0571	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
13JR1A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
13JR1A0571	RT4105N	SOFTWARE TESTING LAB	23	46	2
13JR1A0571	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
13JR1A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	24	3
13JR1A0583	RT41053	MOBILE COMPUTING	20	11	0
13JR1A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	18	0
13JR1A05D0	RT41053	MOBILE COMPUTING	13	30	3
13JR1A05D4	RT41052	UML AND DESIGN PATTERNS	5	-1	0
13JR1A05D4	RT41053	MOBILE COMPUTING	5	-1	0
13JR1A05D4	RT41054	SOFTWARE TESTING METHODOLOGIES	8	-1	0
13JR1A05D8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	28	3
13JR1A05D8	RT41053	MOBILE COMPUTING	21	30	3
13JR1A05E1	RT41053	MOBILE COMPUTING	20	24	3
13JR1A05E2	RT41053	MOBILE COMPUTING	16	13	0
13JR1A05E3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	9	0
13JR5A0205	R41021	COMPUTER ORGANIZATION	16	13	0
13JR5A0205	R41026	INSTRUMENTATION	19	9	0
14JR1A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	15	39	3
14JR1A0101	RT41012	PRESTRESSED CONCRETE	18	4	0
14JR1A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	9	31	3
14JR1A0101	RT41014	WATER RESOURCES ENGINEERING - II	17	14	0
14JR1A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	49	3
14JR1A0101	RT41017	AIR POLLUTION AND CONTROL	19	27	3
14JR1A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
14JR1A0101	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	24	40	3
14JR1A0102	RT41012	PRESTRESSED CONCRETE	27	47	3
14JR1A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	47	3
14JR1A0102	RT41014	WATER RESOURCES ENGINEERING - II	25	44	3
14JR1A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	46	3
14JR1A0102	RT41017	AIR POLLUTION AND CONTROL	25	56	3
14JR1A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0102	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	23	29	3
14JR1A0103	RT41012	PRESTRESSED CONCRETE	26	35	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	29	3
14JR1A0103	RT41014	WATER RESOURCES ENGINEERING - II	23	33	3
14JR1A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	39	3
14JR1A0103	RT41017	AIR POLLUTION AND CONTROL	24	32	3
14JR1A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0103	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	23	41	3
14JR1A0104	RT41012	PRESTRESSED CONCRETE	27	44	3
14JR1A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	56	3
14JR1A0104	RT41014	WATER RESOURCES ENGINEERING - II	24	66	3
14JR1A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	42	3
14JR1A0104	RT41017	AIR POLLUTION AND CONTROL	25	46	3
14JR1A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
14JR1A0104	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	22	50	3
14JR1A0105	RT41012	PRESTRESSED CONCRETE	23	26	3
14JR1A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	56	3
14JR1A0105	RT41014	WATER RESOURCES ENGINEERING - II	21	39	3
14JR1A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	50	3
14JR1A0105	RT41017	AIR POLLUTION AND CONTROL	26	36	3
14JR1A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0105	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	28	36	3
14JR1A0106	RT41012	PRESTRESSED CONCRETE	28	51	3
14JR1A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	65	3
14JR1A0106	RT41014	WATER RESOURCES ENGINEERING - II	25	55	3
14JR1A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	62	3
14JR1A0106	RT41017	AIR POLLUTION AND CONTROL	25	45	3
14JR1A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0106	RT4101M	GIS AND CAD LAB	23	49	2
14JR1A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	23	43	3
14JR1A0107	RT41012	PRESTRESSED CONCRETE	24	45	3
14JR1A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	46	3
14JR1A0107	RT41014	WATER RESOURCES ENGINEERING - II	23	43	3
14JR1A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	50	3
14JR1A0107	RT41017	AIR POLLUTION AND CONTROL	25	50	3
14JR1A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0107	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	26	47	3
14JR1A0108	RT41012	PRESTRESSED CONCRETE	26	42	3
14JR1A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	47	3
14JR1A0108	RT41014	WATER RESOURCES ENGINEERING - II	25	36	3
14JR1A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	45	3
14JR1A0108	RT41017	AIR POLLUTION AND CONTROL	25	46	3
14JR1A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0108	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	24	50	3
14JR1A0109	RT41012	PRESTRESSED CONCRETE	27	43	3
14JR1A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	65	3
14JR1A0109	RT41014	WATER RESOURCES ENGINEERING - II	26	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	59	3
14JR1A0109	RT41017	AIR POLLUTION AND CONTROL	23	46	3
14JR1A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
14JR1A0109	RT4101M	GIS AND CAD LAB	25	49	2
14JR1A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	22	36	3
14JR1A0110	RT41012	PRESTRESSED CONCRETE	26	43	3
14JR1A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	50	3
14JR1A0110	RT41014	WATER RESOURCES ENGINEERING - II	20	41	3
14JR1A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	39	3
14JR1A0110	RT41017	AIR POLLUTION AND CONTROL	23	48	3
14JR1A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0110	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	21	31	3
14JR1A0111	RT41012	PRESTRESSED CONCRETE	22	33	3
14JR1A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	28	3
14JR1A0111	RT41014	WATER RESOURCES ENGINEERING - II	19	16	0
14JR1A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	39	3
14JR1A0111	RT41017	AIR POLLUTION AND CONTROL	23	29	3
14JR1A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0111	RT4101M	GIS AND CAD LAB	23	44	2
14JR1A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	26	52	3
14JR1A0112	RT41012	PRESTRESSED CONCRETE	25	37	3
14JR1A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	59	3
14JR1A0112	RT41014	WATER RESOURCES ENGINEERING - II	24	63	3
14JR1A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	47	3
14JR1A0112	RT41017	AIR POLLUTION AND CONTROL	24	47	3
14JR1A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0112	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	20	65	3
14JR1A0113	RT41012	PRESTRESSED CONCRETE	28	25	3
14JR1A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	64	3
14JR1A0113	RT41014	WATER RESOURCES ENGINEERING - II	22	58	3
14JR1A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	61	3
14JR1A0113	RT41017	AIR POLLUTION AND CONTROL	25	61	3
14JR1A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0113	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	20	30	3
14JR1A0114	RT41012	PRESTRESSED CONCRETE	22	49	3
14JR1A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	64	3
14JR1A0114	RT41014	WATER RESOURCES ENGINEERING - II	18	30	3
14JR1A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	33	3
14JR1A0114	RT41017	AIR POLLUTION AND CONTROL	20	32	3
14JR1A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
14JR1A0114	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	19	48	3
14JR1A0115	RT41012	PRESTRESSED CONCRETE	20	41	3
14JR1A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	34	3
14JR1A0115	RT41014	WATER RESOURCES ENGINEERING - II	16	13	0
14JR1A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	41	3
14JR1A0115	RT41017	AIR POLLUTION AND CONTROL	5	35	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
14JR1A0115	RT4101M	GIS AND CAD LAB	22	45	2
14JR1A0116	RT41011	ENVIRONMENTAL ENGINEERING- II	24	27	3
14JR1A0116	RT41012	PRESTRESSED CONCRETE	24	34	3
14JR1A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	38	3
14JR1A0116	RT41014	WATER RESOURCES ENGINEERING - II	22	39	3
14JR1A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	39	3
14JR1A0116	RT41017	AIR POLLUTION AND CONTROL	24	27	3
14JR1A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0116	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	25	70	3
14JR1A0118	RT41012	PRESTRESSED CONCRETE	27	34	3
14JR1A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	29	3
14JR1A0118	RT41014	WATER RESOURCES ENGINEERING - II	21	40	3
14JR1A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	46	3
14JR1A0118	RT41017	AIR POLLUTION AND CONTROL	24	43	3
14JR1A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
14JR1A0118	RT4101M	GIS AND CAD LAB	21	43	2
14JR1A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	22	29	3
14JR1A0119	RT41012	PRESTRESSED CONCRETE	27	42	3
14JR1A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	46	3
14JR1A0119	RT41014	WATER RESOURCES ENGINEERING - II	21	32	3
14JR1A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	33	3
14JR1A0119	RT41017	AIR POLLUTION AND CONTROL	23	44	3
14JR1A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0119	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	21	43	3
14JR1A0120	RT41012	PRESTRESSED CONCRETE	23	31	3
14JR1A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	28	3
14JR1A0120	RT41014	WATER RESOURCES ENGINEERING - II	22	26	3
14JR1A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	40	3
14JR1A0120	RT41017	AIR POLLUTION AND CONTROL	23	37	3
14JR1A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0120	RT4101M	GIS AND CAD LAB	24	46	2
14JR1A0121	RT41011	ENVIRONMENTAL ENGINEERING- II	18	37	3
14JR1A0121	RT41012	PRESTRESSED CONCRETE	17	33	3
14JR1A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	35	3
14JR1A0121	RT41014	WATER RESOURCES ENGINEERING - II	20	45	3
14JR1A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	26	3
14JR1A0121	RT41017	AIR POLLUTION AND CONTROL	23	32	3
14JR1A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
14JR1A0121	RT4101M	GIS AND CAD LAB	21	44	2
14JR1A0122	RT41011	ENVIRONMENTAL ENGINEERING- II	19	51	3
14JR1A0122	RT41012	PRESTRESSED CONCRETE	23	33	3
14JR1A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	29	3
14JR1A0122	RT41014	WATER RESOURCES ENGINEERING - II	18	37	3
14JR1A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	56	3
14JR1A0122	RT41017	AIR POLLUTION AND CONTROL	23	34	3
14JR1A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0122	RT4101M	GIS AND CAD LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0123	RT41011	ENVIRONMENTAL ENGINEERING- II	20	34	3
14JR1A0123	RT41012	PRESTRESSED CONCRETE	20	38	3
14JR1A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	47	3
14JR1A0123	RT41014	WATER RESOURCES ENGINEERING - II	17	46	3
14JR1A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	38	3
14JR1A0123	RT41017	AIR POLLUTION AND CONTROL	25	34	3
14JR1A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
14JR1A0123	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	20	39	3
14JR1A0124	RT41012	PRESTRESSED CONCRETE	23	35	3
14JR1A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	30	3
14JR1A0124	RT41014	WATER RESOURCES ENGINEERING - II	21	17	0
14JR1A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	42	3
14JR1A0124	RT41017	AIR POLLUTION AND CONTROL	25	30	3
14JR1A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0124	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	23	26	3
14JR1A0125	RT41012	PRESTRESSED CONCRETE	19	19	0
14JR1A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	24	3
14JR1A0125	RT41014	WATER RESOURCES ENGINEERING - II	19	8	0
14JR1A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	25	3
14JR1A0125	RT41017	AIR POLLUTION AND CONTROL	24	24	3
14JR1A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A0125	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	22	54	3
14JR1A0126	RT41012	PRESTRESSED CONCRETE	26	46	3
14JR1A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	53	3
14JR1A0126	RT41014	WATER RESOURCES ENGINEERING - II	24	44	3
14JR1A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	60	3
14JR1A0126	RT41017	AIR POLLUTION AND CONTROL	26	55	3
14JR1A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
14JR1A0126	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	17	29	3
14JR1A0127	RT41012	PRESTRESSED CONCRETE	28	37	3
14JR1A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	30	3
14JR1A0127	RT41014	WATER RESOURCES ENGINEERING - II	18	30	3
14JR1A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	33	3
14JR1A0127	RT41017	AIR POLLUTION AND CONTROL	27	34	3
14JR1A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0127	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0129	RT41011	ENVIRONMENTAL ENGINEERING- II	18	58	3
14JR1A0129	RT41012	PRESTRESSED CONCRETE	23	37	3
14JR1A0129	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	28	3
14JR1A0129	RT41014	WATER RESOURCES ENGINEERING - II	18	16	0
14JR1A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	36	3
14JR1A0129	RT41017	AIR POLLUTION AND CONTROL	23	41	3
14JR1A0129	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
14JR1A0129	RT4101M	GIS AND CAD LAB	21	43	2
14JR1A0130	RT41011	ENVIRONMENTAL ENGINEERING- II	17	27	3
14JR1A0130	RT41012	PRESTRESSED CONCRETE	20	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	16	0
14JR1A0130	RT41014	WATER RESOURCES ENGINEERING - II	17	9	0
14JR1A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	32	3
14JR1A0130	RT41017	AIR POLLUTION AND CONTROL	23	24	3
14JR1A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
14JR1A0130	RT4101M	GIS AND CAD LAB	20	43	2
14JR1A0131	RT41011	ENVIRONMENTAL ENGINEERING- II	23	53	3
14JR1A0131	RT41012	PRESTRESSED CONCRETE	26	42	3
14JR1A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	39	3
14JR1A0131	RT41014	WATER RESOURCES ENGINEERING - II	21	56	3
14JR1A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	60	3
14JR1A0131	RT41017	AIR POLLUTION AND CONTROL	26	32	3
14JR1A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0131	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	18	29	3
14JR1A0132	RT41012	PRESTRESSED CONCRETE	21	34	3
14JR1A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	56	3
14JR1A0132	RT41014	WATER RESOURCES ENGINEERING - II	16	31	3
14JR1A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	42	3
14JR1A0132	RT41017	AIR POLLUTION AND CONTROL	25	44	3
14JR1A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0132	RT4101M	GIS AND CAD LAB	22	43	2
14JR1A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	18	33	3
14JR1A0133	RT41012	PRESTRESSED CONCRETE	22	36	3
14JR1A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	26	3
14JR1A0133	RT41014	WATER RESOURCES ENGINEERING - II	22	14	0
14JR1A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	37	3
14JR1A0133	RT41017	AIR POLLUTION AND CONTROL	23	36	3
14JR1A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0133	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	23	35	3
14JR1A0134	RT41012	PRESTRESSED CONCRETE	25	39	3
14JR1A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	39	3
14JR1A0134	RT41014	WATER RESOURCES ENGINEERING - II	24	39	3
14JR1A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	35	3
14JR1A0134	RT41017	AIR POLLUTION AND CONTROL	25	35	3
14JR1A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0134	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0135	RT41011	ENVIRONMENTAL ENGINEERING- II	25	64	3
14JR1A0135	RT41012	PRESTRESSED CONCRETE	29	43	3
14JR1A0135	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	59	3
14JR1A0135	RT41014	WATER RESOURCES ENGINEERING - II	26	44	3
14JR1A0135	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	52	3
14JR1A0135	RT41017	AIR POLLUTION AND CONTROL	24	40	3
14JR1A0135	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0135	RT4101M	GIS AND CAD LAB	25	50	2
14JR1A0136	RT41011	ENVIRONMENTAL ENGINEERING- II	21	34	3
14JR1A0136	RT41012	PRESTRESSED CONCRETE	24	40	3
14JR1A0136	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	47	3
14JR1A0136	RT41014	WATER RESOURCES ENGINEERING - II	24	30	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0136	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	39	3
14JR1A0136	RT41017	AIR POLLUTION AND CONTROL	25	42	3
14JR1A0136	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0136	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0137	RT41011	ENVIRONMENTAL ENGINEERING- II	15	26	3
14JR1A0137	RT41012	PRESTRESSED CONCRETE	19	31	3
14JR1A0137	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	38	3
14JR1A0137	RT41014	WATER RESOURCES ENGINEERING - II	20	28	3
14JR1A0137	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	46	3
14JR1A0137	RT41017	AIR POLLUTION AND CONTROL	22	40	3
14JR1A0137	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0137	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	21	31	3
14JR1A0138	RT41012	PRESTRESSED CONCRETE	21	27	3
14JR1A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	14	39	3
14JR1A0138	RT41014	WATER RESOURCES ENGINEERING - II	21	24	3
14JR1A0138	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	36	3
14JR1A0138	RT41017	AIR POLLUTION AND CONTROL	18	40	3
14JR1A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
14JR1A0138	RT4101M	GIS AND CAD LAB	22	43	2
14JR1A0139	RT41011	ENVIRONMENTAL ENGINEERING- II	20	52	3
14JR1A0139	RT41012	PRESTRESSED CONCRETE	24	30	3
14JR1A0139	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	40	3
14JR1A0139	RT41014	WATER RESOURCES ENGINEERING - II	24	40	3
14JR1A0139	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	50	3
14JR1A0139	RT41017	AIR POLLUTION AND CONTROL	23	39	3
14JR1A0139	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	45	2
14JR1A0139	RT4101M	GIS AND CAD LAB	22	48	2
14JR1A0141	RT41011	ENVIRONMENTAL ENGINEERING- II	24	31	3
14JR1A0141	RT41012	PRESTRESSED CONCRETE	25	50	3
14JR1A0141	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	37	3
14JR1A0141	RT41014	WATER RESOURCES ENGINEERING - II	21	13	0
14JR1A0141	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	42	3
14JR1A0141	RT41017	AIR POLLUTION AND CONTROL	25	33	3
14JR1A0141	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
14JR1A0141	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0142	RT41011	ENVIRONMENTAL ENGINEERING- II	16	51	3
14JR1A0142	RT41012	PRESTRESSED CONCRETE	19	31	3
14JR1A0142	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	34	3
14JR1A0142	RT41014	WATER RESOURCES ENGINEERING - II	19	13	0
14JR1A0142	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	40	3
14JR1A0142	RT41017	AIR POLLUTION AND CONTROL	22	34	3
14JR1A0142	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0142	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0143	RT41011	ENVIRONMENTAL ENGINEERING- II	19	38	3
14JR1A0143	RT41012	PRESTRESSED CONCRETE	23	37	3
14JR1A0143	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	49	3
14JR1A0143	RT41014	WATER RESOURCES ENGINEERING - II	19	44	3
14JR1A0143	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	36	3
14JR1A0143	RT41017	AIR POLLUTION AND CONTROL	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0143	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0143	RT4101M	GIS AND CAD LAB	21	47	2
14JR1A0144	RT41011	ENVIRONMENTAL ENGINEERING- II	17	46	3
14JR1A0144	RT41012	PRESTRESSED CONCRETE	18	14	0
14JR1A0144	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	29	3
14JR1A0144	RT41014	WATER RESOURCES ENGINEERING - II	15	35	3
14JR1A0144	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	30	3
14JR1A0144	RT41017	AIR POLLUTION AND CONTROL	24	28	3
14JR1A0144	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0144	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0145	RT41011	ENVIRONMENTAL ENGINEERING- II	22	36	3
14JR1A0145	RT41012	PRESTRESSED CONCRETE	22	36	3
14JR1A0145	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	52	3
14JR1A0145	RT41014	WATER RESOURCES ENGINEERING - II	18	24	3
14JR1A0145	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	42	3
14JR1A0145	RT41017	AIR POLLUTION AND CONTROL	22	40	3
14JR1A0145	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A0145	RT4101M	GIS AND CAD LAB	22	45	2
14JR1A0146	RT41011	ENVIRONMENTAL ENGINEERING- II	17	52	3
14JR1A0146	RT41012	PRESTRESSED CONCRETE	19	32	3
14JR1A0146	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	15	30	3
14JR1A0146	RT41014	WATER RESOURCES ENGINEERING - II	19	3	0
14JR1A0146	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	44	3
14JR1A0146	RT41017	AIR POLLUTION AND CONTROL	19	32	3
14JR1A0146	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A0146	RT4101M	GIS AND CAD LAB	22	43	2
14JR1A0147	RT41011	ENVIRONMENTAL ENGINEERING- II	21	42	3
14JR1A0147	RT41012	PRESTRESSED CONCRETE	27	35	3
14JR1A0147	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	53	3
14JR1A0147	RT41014	WATER RESOURCES ENGINEERING - II	24	24	3
14JR1A0147	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	43	3
14JR1A0147	RT41017	AIR POLLUTION AND CONTROL	23	45	3
14JR1A0147	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0147	RT4101M	GIS AND CAD LAB	22	47	2
14JR1A0148	RT41011	ENVIRONMENTAL ENGINEERING- II	18	36	3
14JR1A0148	RT41012	PRESTRESSED CONCRETE	22	24	3
14JR1A0148	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	33	3
14JR1A0148	RT41014	WATER RESOURCES ENGINEERING - II	18	39	3
14JR1A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	37	3
14JR1A0148	RT41017	AIR POLLUTION AND CONTROL	18	32	3
14JR1A0148	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0148	RT4101M	GIS AND CAD LAB	21	46	2
14JR1A0149	RT41011	ENVIRONMENTAL ENGINEERING- II	26	25	3
14JR1A0149	RT41012	PRESTRESSED CONCRETE	23	32	3
14JR1A0149	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	32	3
14JR1A0149	RT41014	WATER RESOURCES ENGINEERING - II	19	15	0
14JR1A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	32	3
14JR1A0149	RT41017	AIR POLLUTION AND CONTROL	16	24	3
14JR1A0149	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0149	RT4101M	GIS AND CAD LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0150	RT41011	ENVIRONMENTAL ENGINEERING- II	19	10	0
14JR1A0150	RT41012	PRESTRESSED CONCRETE	21	28	3
14JR1A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	24	3
14JR1A0150	RT41014	WATER RESOURCES ENGINEERING - II	16	2	0
14JR1A0150	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	30	3
14JR1A0150	RT41017	AIR POLLUTION AND CONTROL	18	17	0
14JR1A0150	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
14JR1A0150	RT4101M	GIS AND CAD LAB	21	44	2
14JR1A0151	RT41011	ENVIRONMENTAL ENGINEERING- II	15	29	3
14JR1A0151	RT41012	PRESTRESSED CONCRETE	20	9	0
14JR1A0151	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	13	29	3
14JR1A0151	RT41014	WATER RESOURCES ENGINEERING - II	18	0	0
14JR1A0151	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	29	3
14JR1A0151	RT41017	AIR POLLUTION AND CONTROL	17	15	0
14JR1A0151	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
14JR1A0151	RT4101M	GIS AND CAD LAB	19	44	2
14JR1A0152	RT41011	ENVIRONMENTAL ENGINEERING- II	20	32	3
14JR1A0152	RT41012	PRESTRESSED CONCRETE	18	17	0
14JR1A0152	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	16	0
14JR1A0152	RT41014	WATER RESOURCES ENGINEERING - II	18	34	3
14JR1A0152	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	33	3
14JR1A0152	RT41017	AIR POLLUTION AND CONTROL	22	40	3
14JR1A0152	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0152	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0153	RT41011	ENVIRONMENTAL ENGINEERING- II	26	45	3
14JR1A0153	RT41012	PRESTRESSED CONCRETE	26	57	3
14JR1A0153	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	52	3
14JR1A0153	RT41014	WATER RESOURCES ENGINEERING - II	23	46	3
14JR1A0153	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	46	3
14JR1A0153	RT41017	AIR POLLUTION AND CONTROL	26	43	3
14JR1A0153	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0153	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0154	RT41011	ENVIRONMENTAL ENGINEERING- II	18	36	3
14JR1A0154	RT41012	PRESTRESSED CONCRETE	23	45	3
14JR1A0154	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	25	3
14JR1A0154	RT41014	WATER RESOURCES ENGINEERING - II	21	27	3
14JR1A0154	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	46	3
14JR1A0154	RT41017	AIR POLLUTION AND CONTROL	21	34	3
14JR1A0154	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A0154	RT4101M	GIS AND CAD LAB	22	47	2
14JR1A0155	RT41011	ENVIRONMENTAL ENGINEERING- II	27	52	3
14JR1A0155	RT41012	PRESTRESSED CONCRETE	24	50	3
14JR1A0155	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	68	3
14JR1A0155	RT41014	WATER RESOURCES ENGINEERING - II	25	70	3
14JR1A0155	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	43	3
14JR1A0155	RT41017	AIR POLLUTION AND CONTROL	24	43	3
14JR1A0155	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0155	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0156	RT41011	ENVIRONMENTAL ENGINEERING- II	20	47	3
14JR1A0156	RT41012	PRESTRESSED CONCRETE	26	35	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0156	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	24	3
14JR1A0156	RT41014	WATER RESOURCES ENGINEERING - II	23	43	3
14JR1A0156	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	0	0
14JR1A0156	RT41017	AIR POLLUTION AND CONTROL	17	27	3
14JR1A0156	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0156	RT4101M	GIS AND CAD LAB	21	46	2
14JR1A0157	RT41011	ENVIRONMENTAL ENGINEERING- II	28	44	3
14JR1A0157	RT41012	PRESTRESSED CONCRETE	27	56	3
14JR1A0157	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	52	3
14JR1A0157	RT41014	WATER RESOURCES ENGINEERING - II	25	49	3
14JR1A0157	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	53	3
14JR1A0157	RT41017	AIR POLLUTION AND CONTROL	23	52	3
14JR1A0157	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0157	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0158	RT41011	ENVIRONMENTAL ENGINEERING- II	28	60	3
14JR1A0158	RT41012	PRESTRESSED CONCRETE	28	51	3
14JR1A0158	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	38	3
14JR1A0158	RT41014	WATER RESOURCES ENGINEERING - II	24	38	3
14JR1A0158	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	54	3
14JR1A0158	RT41017	AIR POLLUTION AND CONTROL	23	45	3
14JR1A0158	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
14JR1A0158	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0159	RT41011	ENVIRONMENTAL ENGINEERING- II	27	45	3
14JR1A0159	RT41012	PRESTRESSED CONCRETE	27	32	3
14JR1A0159	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	57	3
14JR1A0159	RT41014	WATER RESOURCES ENGINEERING - II	25	59	3
14JR1A0159	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	34	3
14JR1A0159	RT41017	AIR POLLUTION AND CONTROL	21	42	3
14JR1A0159	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0159	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0160	RT41011	ENVIRONMENTAL ENGINEERING- II	27	58	3
14JR1A0160	RT41012	PRESTRESSED CONCRETE	28	40	3
14JR1A0160	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	56	3
14JR1A0160	RT41014	WATER RESOURCES ENGINEERING - II	24	52	3
14JR1A0160	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	65	3
14JR1A0160	RT41017	AIR POLLUTION AND CONTROL	23	52	3
14JR1A0160	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	49	2
14JR1A0160	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0161	RT41011	ENVIRONMENTAL ENGINEERING- II	26	43	3
14JR1A0161	RT41012	PRESTRESSED CONCRETE	28	48	3
14JR1A0161	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	53	3
14JR1A0161	RT41014	WATER RESOURCES ENGINEERING - II	21	38	3
14JR1A0161	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	45	3
14JR1A0161	RT41017	AIR POLLUTION AND CONTROL	23	48	3
14JR1A0161	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0161	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0162	RT41011	ENVIRONMENTAL ENGINEERING- II	28	60	3
14JR1A0162	RT41012	PRESTRESSED CONCRETE	28	50	3
14JR1A0162	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	36	3
14JR1A0162	RT41014	WATER RESOURCES ENGINEERING - II	23	53	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0162	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	67	3
14JR1A0162	RT41017	AIR POLLUTION AND CONTROL	21	54	3
14JR1A0162	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0162	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0163	RT41011	ENVIRONMENTAL ENGINEERING- II	28	47	3
14JR1A0163	RT41012	PRESTRESSED CONCRETE	29	47	3
14JR1A0163	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	70	3
14JR1A0163	RT41014	WATER RESOURCES ENGINEERING - II	24	70	3
14JR1A0163	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	48	3
14JR1A0163	RT41017	AIR POLLUTION AND CONTROL	22	59	3
14JR1A0163	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0163	RT4101M	GIS AND CAD LAB	25	50	2
14JR1A0164	RT41011	ENVIRONMENTAL ENGINEERING- II	27	51	3
14JR1A0164	RT41012	PRESTRESSED CONCRETE	29	12	0
14JR1A0164	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	38	3
14JR1A0164	RT41014	WATER RESOURCES ENGINEERING - II	20	24	3
14JR1A0164	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	56	3
14JR1A0164	RT41017	AIR POLLUTION AND CONTROL	19	35	3
14JR1A0164	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0164	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A0165	RT41011	ENVIRONMENTAL ENGINEERING- II	28	41	3
14JR1A0165	RT41012	PRESTRESSED CONCRETE	29	56	3
14JR1A0165	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	64	3
14JR1A0165	RT41014	WATER RESOURCES ENGINEERING - II	28	68	3
14JR1A0165	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	70	3
14JR1A0165	RT41017	AIR POLLUTION AND CONTROL	27	51	3
14JR1A0165	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0165	RT4101M	GIS AND CAD LAB	25	50	2
14JR1A0166	RT41011	ENVIRONMENTAL ENGINEERING- II	24	49	3
14JR1A0166	RT41012	PRESTRESSED CONCRETE	20	32	3
14JR1A0166	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	14	32	3
14JR1A0166	RT41014	WATER RESOURCES ENGINEERING - II	17	17	0
14JR1A0166	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	44	3
14JR1A0166	RT41017	AIR POLLUTION AND CONTROL	17	29	3
14JR1A0166	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0166	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0167	RT41011	ENVIRONMENTAL ENGINEERING- II	26	36	3
14JR1A0167	RT41012	PRESTRESSED CONCRETE	21	24	3
14JR1A0167	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	45	3
14JR1A0167	RT41014	WATER RESOURCES ENGINEERING - II	18	8	0
14JR1A0167	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	31	3
14JR1A0167	RT41017	AIR POLLUTION AND CONTROL	14	34	3
14JR1A0167	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
14JR1A0167	RT4101M	GIS AND CAD LAB	21	45	2
14JR1A0168	RT41011	ENVIRONMENTAL ENGINEERING- II	14	53	3
14JR1A0168	RT41012	PRESTRESSED CONCRETE	16	24	3
14JR1A0168	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	40	3
14JR1A0168	RT41014	WATER RESOURCES ENGINEERING - II	7	45	3
14JR1A0168	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	43	3
14JR1A0168	RT41017	AIR POLLUTION AND CONTROL	15	30	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0168	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0168	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0169	RT41011	ENVIRONMENTAL ENGINEERING- II	22	29	3
14JR1A0169	RT41012	PRESTRESSED CONCRETE	19	35	3
14JR1A0169	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	37	3
14JR1A0169	RT41014	WATER RESOURCES ENGINEERING - II	18	35	3
14JR1A0169	RT41015	REMOTE SENSING AND GIS APPLICATIONS	11	46	3
14JR1A0169	RT41017	AIR POLLUTION AND CONTROL	19	40	3
14JR1A0169	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0169	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0170	RT41011	ENVIRONMENTAL ENGINEERING- II	20	38	3
14JR1A0170	RT41012	PRESTRESSED CONCRETE	19	31	3
14JR1A0170	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	35	3
14JR1A0170	RT41014	WATER RESOURCES ENGINEERING - II	21	14	0
14JR1A0170	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	38	3
14JR1A0170	RT41017	AIR POLLUTION AND CONTROL	18	34	3
14JR1A0170	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
14JR1A0170	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0171	RT41011	ENVIRONMENTAL ENGINEERING- II	23	41	3
14JR1A0171	RT41012	PRESTRESSED CONCRETE	20	16	0
14JR1A0171	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	44	3
14JR1A0171	RT41014	WATER RESOURCES ENGINEERING - II	21	44	3
14JR1A0171	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	29	3
14JR1A0171	RT41017	AIR POLLUTION AND CONTROL	18	35	3
14JR1A0171	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
14JR1A0171	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0172	RT41011	ENVIRONMENTAL ENGINEERING- II	17	31	3
14JR1A0172	RT41012	PRESTRESSED CONCRETE	23	9	0
14JR1A0172	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	17	0
14JR1A0172	RT41014	WATER RESOURCES ENGINEERING - II	19	38	3
14JR1A0172	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	24	3
14JR1A0172	RT41017	AIR POLLUTION AND CONTROL	16	24	3
14JR1A0172	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
14JR1A0172	RT4101M	GIS AND CAD LAB	21	45	2
14JR1A0173	RT41011	ENVIRONMENTAL ENGINEERING- II	21	30	3
14JR1A0173	RT41012	PRESTRESSED CONCRETE	19	42	3
14JR1A0173	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	37	3
14JR1A0173	RT41014	WATER RESOURCES ENGINEERING - II	18	30	3
14JR1A0173	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	33	3
14JR1A0173	RT41017	AIR POLLUTION AND CONTROL	16	34	3
14JR1A0173	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	41	2
14JR1A0173	RT4101M	GIS AND CAD LAB	22	44	2
14JR1A0175	RT41011	ENVIRONMENTAL ENGINEERING- II	26	54	3
14JR1A0175	RT41012	PRESTRESSED CONCRETE	22	46	3
14JR1A0175	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	27	3
14JR1A0175	RT41014	WATER RESOURCES ENGINEERING - II	25	30	3
14JR1A0175	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	55	3
14JR1A0175	RT41017	AIR POLLUTION AND CONTROL	20	40	3
14JR1A0175	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0175	RT4101M	GIS AND CAD LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0176	RT41011	ENVIRONMENTAL ENGINEERING- II	20	26	3
14JR1A0176	RT41012	PRESTRESSED CONCRETE	17	0	0
14JR1A0176	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	24	3
14JR1A0176	RT41014	WATER RESOURCES ENGINEERING - II	18	24	3
14JR1A0176	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	24	3
14JR1A0176	RT41017	AIR POLLUTION AND CONTROL	15	20	0
14JR1A0176	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
14JR1A0176	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0177	RT41011	ENVIRONMENTAL ENGINEERING- II	23	62	3
14JR1A0177	RT41012	PRESTRESSED CONCRETE	18	24	3
14JR1A0177	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	24	3
14JR1A0177	RT41014	WATER RESOURCES ENGINEERING - II	24	40	3
14JR1A0177	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	53	3
14JR1A0177	RT41017	AIR POLLUTION AND CONTROL	20	44	3
14JR1A0177	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0177	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0178	RT41011	ENVIRONMENTAL ENGINEERING- II	25	41	3
14JR1A0178	RT41012	PRESTRESSED CONCRETE	22	41	3
14JR1A0178	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	38	3
14JR1A0178	RT41014	WATER RESOURCES ENGINEERING - II	23	52	3
14JR1A0178	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	39	3
14JR1A0178	RT41017	AIR POLLUTION AND CONTROL	21	37	3
14JR1A0178	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	47	2
14JR1A0178	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0179	RT41011	ENVIRONMENTAL ENGINEERING- II	20	54	3
14JR1A0179	RT41012	PRESTRESSED CONCRETE	22	38	3
14JR1A0179	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	32	3
14JR1A0179	RT41014	WATER RESOURCES ENGINEERING - II	22	37	3
14JR1A0179	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	57	3
14JR1A0179	RT41017	AIR POLLUTION AND CONTROL	22	48	3
14JR1A0179	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0179	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A0180	RT41011	ENVIRONMENTAL ENGINEERING- II	22	33	3
14JR1A0180	RT41012	PRESTRESSED CONCRETE	19	24	3
14JR1A0180	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	52	3
14JR1A0180	RT41014	WATER RESOURCES ENGINEERING - II	19	26	3
14JR1A0180	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	41	3
14JR1A0180	RT41017	AIR POLLUTION AND CONTROL	22	39	3
14JR1A0180	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0180	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0181	RT41011	ENVIRONMENTAL ENGINEERING- II	14	53	3
14JR1A0181	RT41012	PRESTRESSED CONCRETE	15	17	0
14JR1A0181	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	24	3
14JR1A0181	RT41014	WATER RESOURCES ENGINEERING - II	10	40	3
14JR1A0181	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	47	3
14JR1A0181	RT41017	AIR POLLUTION AND CONTROL	14	39	3
14JR1A0181	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
14JR1A0181	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0182	RT41011	ENVIRONMENTAL ENGINEERING- II	22	32	3
14JR1A0182	RT41012	PRESTRESSED CONCRETE	20	32	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0182	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	31	3
14JR1A0182	RT41014	WATER RESOURCES ENGINEERING - II	19	29	3
14JR1A0182	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	37	3
14JR1A0182	RT41017	AIR POLLUTION AND CONTROL	16	24	3
14JR1A0182	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0182	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0185	RT41011	ENVIRONMENTAL ENGINEERING- II	19	57	3
14JR1A0185	RT41012	PRESTRESSED CONCRETE	19	45	3
14JR1A0185	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	41	3
14JR1A0185	RT41014	WATER RESOURCES ENGINEERING - II	14	26	3
14JR1A0185	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	52	3
14JR1A0185	RT41017	AIR POLLUTION AND CONTROL	17	41	3
14JR1A0185	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
14JR1A0185	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0186	RT41011	ENVIRONMENTAL ENGINEERING- II	26	38	3
14JR1A0186	RT41012	PRESTRESSED CONCRETE	24	30	3
14JR1A0186	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	35	3
14JR1A0186	RT41014	WATER RESOURCES ENGINEERING - II	24	17	0
14JR1A0186	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	36	3
14JR1A0186	RT41017	AIR POLLUTION AND CONTROL	19	32	3
14JR1A0186	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0186	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0187	RT41011	ENVIRONMENTAL ENGINEERING- II	29	50	3
14JR1A0187	RT41012	PRESTRESSED CONCRETE	25	31	3
14JR1A0187	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	24	3
14JR1A0187	RT41014	WATER RESOURCES ENGINEERING - II	22	47	3
14JR1A0187	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	37	3
14JR1A0187	RT41017	AIR POLLUTION AND CONTROL	20	35	3
14JR1A0187	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0187	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0189	RT41011	ENVIRONMENTAL ENGINEERING- II	24	36	3
14JR1A0189	RT41012	PRESTRESSED CONCRETE	23	46	3
14JR1A0189	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	49	3
14JR1A0189	RT41014	WATER RESOURCES ENGINEERING - II	24	38	3
14JR1A0189	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	50	3
14JR1A0189	RT41017	AIR POLLUTION AND CONTROL	18	41	3
14JR1A0189	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0189	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0190	RT41011	ENVIRONMENTAL ENGINEERING- II	16	30	3
14JR1A0190	RT41012	PRESTRESSED CONCRETE	14	6	0
14JR1A0190	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	26	3
14JR1A0190	RT41014	WATER RESOURCES ENGINEERING - II	14	7	0
14JR1A0190	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	37	3
14JR1A0190	RT41017	AIR POLLUTION AND CONTROL	15	25	3
14JR1A0190	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0190	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A0191	RT41011	ENVIRONMENTAL ENGINEERING- II	27	42	3
14JR1A0191	RT41012	PRESTRESSED CONCRETE	28	43	3
14JR1A0191	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	64	3
14JR1A0191	RT41014	WATER RESOURCES ENGINEERING - II	25	50	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0191	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	42	3
14JR1A0191	RT41017	AIR POLLUTION AND CONTROL	20	35	3
14JR1A0191	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0191	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0192	RT41011	ENVIRONMENTAL ENGINEERING- II	19	27	3
14JR1A0192	RT41012	PRESTRESSED CONCRETE	13	4	0
14JR1A0192	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	16	0
14JR1A0192	RT41014	WATER RESOURCES ENGINEERING - II	18	10	0
14JR1A0192	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	36	3
14JR1A0192	RT41017	AIR POLLUTION AND CONTROL	16	30	3
14JR1A0192	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0192	RT4101M	GIS AND CAD LAB	21	45	2
14JR1A0193	RT41011	ENVIRONMENTAL ENGINEERING- II	27	36	3
14JR1A0193	RT41012	PRESTRESSED CONCRETE	25	44	3
14JR1A0193	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	54	3
14JR1A0193	RT41014	WATER RESOURCES ENGINEERING - II	19	44	3
14JR1A0193	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	47	3
14JR1A0193	RT41017	AIR POLLUTION AND CONTROL	21	43	3
14JR1A0193	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0193	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0194	RT41011	ENVIRONMENTAL ENGINEERING- II	21	64	3
14JR1A0194	RT41012	PRESTRESSED CONCRETE	18	31	3
14JR1A0194	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	35	3
14JR1A0194	RT41014	WATER RESOURCES ENGINEERING - II	24	27	3
14JR1A0194	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	44	3
14JR1A0194	RT41017	AIR POLLUTION AND CONTROL	21	42	3
14JR1A0194	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0194	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A0195	RT41011	ENVIRONMENTAL ENGINEERING- II	21	41	3
14JR1A0195	RT41012	PRESTRESSED CONCRETE	22	34	3
14JR1A0195	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	61	3
14JR1A0195	RT41014	WATER RESOURCES ENGINEERING - II	24	69	3
14JR1A0195	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	36	3
14JR1A0195	RT41017	AIR POLLUTION AND CONTROL	18	48	3
14JR1A0195	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A0195	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0196	RT41011	ENVIRONMENTAL ENGINEERING- II	24	38	3
14JR1A0196	RT41012	PRESTRESSED CONCRETE	24	28	3
14JR1A0196	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	15	0
14JR1A0196	RT41014	WATER RESOURCES ENGINEERING - II	20	33	3
14JR1A0196	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	39	3
14JR1A0196	RT41017	AIR POLLUTION AND CONTROL	17	43	3
14JR1A0196	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A0196	RT4101M	GIS AND CAD LAB	23	46	2
14JR1A0197	RT41011	ENVIRONMENTAL ENGINEERING- II	18	24	3
14JR1A0197	RT41012	PRESTRESSED CONCRETE	13	36	3
14JR1A0197	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	14	36	3
14JR1A0197	RT41014	WATER RESOURCES ENGINEERING - II	13	-1	0
14JR1A0197	RT41015	REMOTE SENSING AND GIS APPLICATIONS	13	33	3
14JR1A0197	RT41017	AIR POLLUTION AND CONTROL	12	28	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0197	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A0197	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0198	RT41011	ENVIRONMENTAL ENGINEERING- II	24	46	3
14JR1A0198	RT41012	PRESTRESSED CONCRETE	25	40	3
14JR1A0198	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	33	3
14JR1A0198	RT41014	WATER RESOURCES ENGINEERING - II	22	16	0
14JR1A0198	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	38	3
14JR1A0198	RT41017	AIR POLLUTION AND CONTROL	17	34	3
14JR1A0198	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0198	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0199	RT41011	ENVIRONMENTAL ENGINEERING- II	29	40	3
14JR1A0199	RT41012	PRESTRESSED CONCRETE	27	39	3
14JR1A0199	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	66	3
14JR1A0199	RT41014	WATER RESOURCES ENGINEERING - II	28	70	3
14JR1A0199	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	42	3
14JR1A0199	RT41017	AIR POLLUTION AND CONTROL	24	40	3
14JR1A0199	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A0199	RT4101M	GIS AND CAD LAB	24	49	2
14JR1A01A0	RT41011	ENVIRONMENTAL ENGINEERING- II	27	51	3
14JR1A01A0	RT41012	PRESTRESSED CONCRETE	23	33	3
14JR1A01A0	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	33	3
14JR1A01A0	RT41014	WATER RESOURCES ENGINEERING - II	21	46	3
14JR1A01A0	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	40	3
14JR1A01A0	RT41017	AIR POLLUTION AND CONTROL	19	28	3
14JR1A01A0	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A01A0	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A01A1	RT41011	ENVIRONMENTAL ENGINEERING- II	24	41	3
14JR1A01A1	RT41012	PRESTRESSED CONCRETE	22	56	3
14JR1A01A1	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	63	3
14JR1A01A1	RT41014	WATER RESOURCES ENGINEERING - II	17	59	3
14JR1A01A1	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	49	3
14JR1A01A1	RT41017	AIR POLLUTION AND CONTROL	15	44	3
14JR1A01A1	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A01A1	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A01A2	RT41011	ENVIRONMENTAL ENGINEERING- II	26	46	3
14JR1A01A2	RT41012	PRESTRESSED CONCRETE	19	24	3
14JR1A01A2	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	15	18	0
14JR1A01A2	RT41014	WATER RESOURCES ENGINEERING - II	19	12	0
14JR1A01A2	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	33	3
14JR1A01A2	RT41017	AIR POLLUTION AND CONTROL	14	29	3
14JR1A01A2	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A01A2	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A01A3	RT41011	ENVIRONMENTAL ENGINEERING- II	26	39	3
14JR1A01A3	RT41012	PRESTRESSED CONCRETE	24	29	3
14JR1A01A3	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	45	3
14JR1A01A3	RT41014	WATER RESOURCES ENGINEERING - II	23	36	3
14JR1A01A3	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	39	3
14JR1A01A3	RT41017	AIR POLLUTION AND CONTROL	20	39	3
14JR1A01A3	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A01A3	RT4101M	GIS AND CAD LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A01A4	RT41011	ENVIRONMENTAL ENGINEERING- II	9	31	3
14JR1A01A4	RT41012	PRESTRESSED CONCRETE	13	12	0
14JR1A01A4	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	32	3
14JR1A01A4	RT41014	WATER RESOURCES ENGINEERING - II	13	12	0
14JR1A01A4	RT41015	REMOTE SENSING AND GIS APPLICATIONS	12	31	3
14JR1A01A4	RT41017	AIR POLLUTION AND CONTROL	10	6	0
14JR1A01A4	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A01A4	RT4101M	GIS AND CAD LAB	22	46	2
14JR1A01A5	RT41011	ENVIRONMENTAL ENGINEERING- II	28	36	3
14JR1A01A5	RT41012	PRESTRESSED CONCRETE	28	61	3
14JR1A01A5	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	67	3
14JR1A01A5	RT41014	WATER RESOURCES ENGINEERING - II	23	54	3
14JR1A01A5	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	57	3
14JR1A01A5	RT41017	AIR POLLUTION AND CONTROL	23	54	3
14JR1A01A5	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
14JR1A01A5	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A01A6	RT41011	ENVIRONMENTAL ENGINEERING- II	19	46	3
14JR1A01A6	RT41012	PRESTRESSED CONCRETE	20	40	3
14JR1A01A6	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	27	3
14JR1A01A6	RT41014	WATER RESOURCES ENGINEERING - II	16	33	3
14JR1A01A6	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	52	3
14JR1A01A6	RT41017	AIR POLLUTION AND CONTROL	15	35	3
14JR1A01A6	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
14JR1A01A6	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A01A7	RT41011	ENVIRONMENTAL ENGINEERING- II	19	24	3
14JR1A01A7	RT41012	PRESTRESSED CONCRETE	13	34	3
14JR1A01A7	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	38	3
14JR1A01A7	RT41014	WATER RESOURCES ENGINEERING - II	15	12	0
14JR1A01A7	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	28	3
14JR1A01A7	RT41017	AIR POLLUTION AND CONTROL	10	30	3
14JR1A01A7	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A01A7	RT4101M	GIS AND CAD LAB	23	48	2
14JR1A01A8	RT41011	ENVIRONMENTAL ENGINEERING- II	26	60	3
14JR1A01A8	RT41012	PRESTRESSED CONCRETE	23	38	3
14JR1A01A8	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	42	3
14JR1A01A8	RT41014	WATER RESOURCES ENGINEERING - II	19	40	3
14JR1A01A8	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	43	3
14JR1A01A8	RT41017	AIR POLLUTION AND CONTROL	20	38	3
14JR1A01A8	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
14JR1A01A8	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A01A9	RT41011	ENVIRONMENTAL ENGINEERING- II	21	30	3
14JR1A01A9	RT41012	PRESTRESSED CONCRETE	23	33	3
14JR1A01A9	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	50	3
14JR1A01A9	RT41014	WATER RESOURCES ENGINEERING - II	21	25	3
14JR1A01A9	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	54	3
14JR1A01A9	RT41017	AIR POLLUTION AND CONTROL	15	25	3
14JR1A01A9	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
14JR1A01A9	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A01B0	RT41011	ENVIRONMENTAL ENGINEERING- II	26	60	3
14JR1A01B0	RT41012	PRESTRESSED CONCRETE	26	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A01B0	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	26	3
14JR1A01B0	RT41014	WATER RESOURCES ENGINEERING - II	20	29	3
14JR1A01B0	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	47	3
14JR1A01B0	RT41017	AIR POLLUTION AND CONTROL	18	30	3
14JR1A01B0	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A01B0	RT4101M	GIS AND CAD LAB	24	48	2
14JR1A01B1	RT41011	ENVIRONMENTAL ENGINEERING- II	25	40	3
14JR1A01B1	RT41012	PRESTRESSED CONCRETE	27	33	3
14JR1A01B1	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	41	3
14JR1A01B1	RT41014	WATER RESOURCES ENGINEERING - II	19	41	3
14JR1A01B1	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	42	3
14JR1A01B1	RT41017	AIR POLLUTION AND CONTROL	15	30	3
14JR1A01B1	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
14JR1A01B1	RT4101M	GIS AND CAD LAB	23	47	2
14JR1A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	52	3
14JR1A0201	RT41022	HVAC AND DC TRANSMISSION	26	40	3
14JR1A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	61	3
14JR1A0201	RT41025	INSTRUMENTATION	18	64	3
14JR1A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	38	3
14JR1A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0201	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0201	RT4102N	POWER SYSTEMS LAB	24	48	2
14JR1A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	70	3
14JR1A0202	RT41022	HVAC AND DC TRANSMISSION	25	41	3
14JR1A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	60	3
14JR1A0202	RT41025	INSTRUMENTATION	16	64	3
14JR1A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	46	3
14JR1A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14JR1A0202	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
14JR1A0202	RT4102N	POWER SYSTEMS LAB	25	46	2
14JR1A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	50	3
14JR1A0203	RT41022	HVAC AND DC TRANSMISSION	23	47	3
14JR1A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	44	3
14JR1A0203	RT41025	INSTRUMENTATION	20	57	3
14JR1A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	50	3
14JR1A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0203	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0203	RT4102N	POWER SYSTEMS LAB	24	45	2
14JR1A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	52	3
14JR1A0204	RT41022	HVAC AND DC TRANSMISSION	21	40	3
14JR1A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	65	3
14JR1A0204	RT41025	INSTRUMENTATION	17	48	3
14JR1A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	47	3
14JR1A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14JR1A0204	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0204	RT4102N	POWER SYSTEMS LAB	24	50	2
14JR1A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	57	3
14JR1A0205	RT41022	HVAC AND DC TRANSMISSION	27	32	3
14JR1A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	66	3
14JR1A0205	RT41025	INSTRUMENTATION	19	45	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	36	3
14JR1A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14JR1A0205	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0205	RT4102N	POWER SYSTEMS LAB	24	48	2
14JR1A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	64	3
14JR1A0206	RT41022	HVAC AND DC TRANSMISSION	23	51	3
14JR1A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	57	3
14JR1A0206	RT41025	INSTRUMENTATION	22	65	3
14JR1A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	46	3
14JR1A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0206	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0206	RT4102N	POWER SYSTEMS LAB	23	49	2
14JR1A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	46	3
14JR1A0207	RT41022	HVAC AND DC TRANSMISSION	20	30	3
14JR1A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	47	3
14JR1A0207	RT41025	INSTRUMENTATION	16	39	3
14JR1A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	25	3
14JR1A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14JR1A0207	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
14JR1A0207	RT4102N	POWER SYSTEMS LAB	24	46	2
14JR1A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	41	3
14JR1A0208	RT41022	HVAC AND DC TRANSMISSION	23	37	3
14JR1A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	48	3
14JR1A0208	RT41025	INSTRUMENTATION	16	35	3
14JR1A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	36	3
14JR1A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14JR1A0208	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0208	RT4102N	POWER SYSTEMS LAB	24	48	2
14JR1A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	58	3
14JR1A0209	RT41022	HVAC AND DC TRANSMISSION	25	33	3
14JR1A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	68	3
14JR1A0209	RT41025	INSTRUMENTATION	23	59	3
14JR1A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	41	3
14JR1A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14JR1A0209	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
14JR1A0209	RT4102N	POWER SYSTEMS LAB	24	49	2
14JR1A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	60	3
14JR1A0210	RT41022	HVAC AND DC TRANSMISSION	18	42	3
14JR1A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	42	3
14JR1A0210	RT41025	INSTRUMENTATION	17	53	3
14JR1A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	37	3
14JR1A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14JR1A0210	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0210	RT4102N	POWER SYSTEMS LAB	21	45	2
14JR1A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	33	3
14JR1A0211	RT41022	HVAC AND DC TRANSMISSION	18	42	3
14JR1A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	28	3
14JR1A0211	RT41025	INSTRUMENTATION	17	36	3
14JR1A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	24	3
14JR1A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0211	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0211	RT4102N	POWER SYSTEMS LAB	23	47	2
14JR1A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	64	3
14JR1A0212	RT41022	HVAC AND DC TRANSMISSION	27	43	3
14JR1A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	70	3
14JR1A0212	RT41025	INSTRUMENTATION	18	56	3
14JR1A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
14JR1A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14JR1A0212	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
14JR1A0212	RT4102N	POWER SYSTEMS LAB	24	50	2
14JR1A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	70	3
14JR1A0213	RT41022	HVAC AND DC TRANSMISSION	24	38	3
14JR1A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	64	3
14JR1A0213	RT41025	INSTRUMENTATION	24	58	3
14JR1A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	36	3
14JR1A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14JR1A0213	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
14JR1A0213	RT4102N	POWER SYSTEMS LAB	25	49	2
14JR1A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	65	3
14JR1A0214	RT41022	HVAC AND DC TRANSMISSION	21	46	3
14JR1A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	61	3
14JR1A0214	RT41025	INSTRUMENTATION	18	50	3
14JR1A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	48	3
14JR1A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14JR1A0214	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0214	RT4102N	POWER SYSTEMS LAB	23	46	2
14JR1A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	48	3
14JR1A0215	RT41022	HVAC AND DC TRANSMISSION	22	36	3
14JR1A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	33	3
14JR1A0215	RT41025	INSTRUMENTATION	16	48	3
14JR1A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	28	3
14JR1A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0215	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0215	RT4102N	POWER SYSTEMS LAB	23	47	2
14JR1A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
14JR1A0216	RT41022	HVAC AND DC TRANSMISSION	22	26	3
14JR1A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	47	3
14JR1A0216	RT41025	INSTRUMENTATION	16	35	3
14JR1A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	41	3
14JR1A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
14JR1A0216	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
14JR1A0216	RT4102N	POWER SYSTEMS LAB	24	48	2
14JR1A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	48	3
14JR1A0217	RT41022	HVAC AND DC TRANSMISSION	24	33	3
14JR1A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	60	3
14JR1A0217	RT41025	INSTRUMENTATION	16	50	3
14JR1A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	50	3
14JR1A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14JR1A0217	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0217	RT4102N	POWER SYSTEMS LAB	22	48	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	56	3
14JR1A0218	RT41022	HVAC AND DC TRANSMISSION	21	43	3
14JR1A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	48	3
14JR1A0218	RT41025	INSTRUMENTATION	15	45	3
14JR1A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	45	3
14JR1A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0218	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0218	RT4102N	POWER SYSTEMS LAB	23	48	2
14JR1A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	51	3
14JR1A0219	RT41022	HVAC AND DC TRANSMISSION	21	30	3
14JR1A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	40	3
14JR1A0219	RT41025	INSTRUMENTATION	16	36	3
14JR1A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	18	0
14JR1A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14JR1A0219	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0219	RT4102N	POWER SYSTEMS LAB	24	45	2
14JR1A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	47	3
14JR1A0220	RT41022	HVAC AND DC TRANSMISSION	23	43	3
14JR1A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	50	3
14JR1A0220	RT41025	INSTRUMENTATION	18	36	3
14JR1A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	40	3
14JR1A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14JR1A0220	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0220	RT4102N	POWER SYSTEMS LAB	24	47	2
14JR1A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	57	3
14JR1A0221	RT41022	HVAC AND DC TRANSMISSION	22	35	3
14JR1A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	66	3
14JR1A0221	RT41025	INSTRUMENTATION	19	53	3
14JR1A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	42	3
14JR1A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0221	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
14JR1A0221	RT4102N	POWER SYSTEMS LAB	24	48	2
14JR1A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	66	3
14JR1A0222	RT41022	HVAC AND DC TRANSMISSION	24	48	3
14JR1A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	50	3
14JR1A0222	RT41025	INSTRUMENTATION	19	43	3
14JR1A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	46	3
14JR1A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14JR1A0222	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0222	RT4102N	POWER SYSTEMS LAB	23	46	2
14JR1A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	38	3
14JR1A0224	RT41022	HVAC AND DC TRANSMISSION	20	41	3
14JR1A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	29	3
14JR1A0224	RT41025	INSTRUMENTATION	16	46	3
14JR1A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	32	3
14JR1A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14JR1A0224	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0224	RT4102N	POWER SYSTEMS LAB	24	46	2
14JR1A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	58	3
14JR1A0225	RT41022	HVAC AND DC TRANSMISSION	24	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	64	3
14JR1A0225	RT41025	INSTRUMENTATION	23	37	3
14JR1A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	47	3
14JR1A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14JR1A0225	RT4102M	ELECTRICAL SIMULATION LAB	19	48	2
14JR1A0225	RT4102N	POWER SYSTEMS LAB	23	48	2
14JR1A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	47	3
14JR1A0226	RT41022	HVAC AND DC TRANSMISSION	22	28	3
14JR1A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	66	3
14JR1A0226	RT41025	INSTRUMENTATION	20	48	3
14JR1A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	36	3
14JR1A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14JR1A0226	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0226	RT4102N	POWER SYSTEMS LAB	23	44	2
14JR1A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	31	3
14JR1A0227	RT41022	HVAC AND DC TRANSMISSION	23	48	3
14JR1A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	46	3
14JR1A0227	RT41025	INSTRUMENTATION	16	41	3
14JR1A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	34	3
14JR1A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
14JR1A0227	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0227	RT4102N	POWER SYSTEMS LAB	21	46	2
14JR1A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	46	3
14JR1A0228	RT41022	HVAC AND DC TRANSMISSION	24	46	3
14JR1A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	33	3
14JR1A0228	RT41025	INSTRUMENTATION	16	43	3
14JR1A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	28	3
14JR1A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14JR1A0228	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0228	RT4102N	POWER SYSTEMS LAB	22	44	2
14JR1A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	41	3
14JR1A0229	RT41022	HVAC AND DC TRANSMISSION	21	27	3
14JR1A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	59	3
14JR1A0229	RT41025	INSTRUMENTATION	19	60	3
14JR1A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	45	3
14JR1A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14JR1A0229	RT4102M	ELECTRICAL SIMULATION LAB	19	47	2
14JR1A0229	RT4102N	POWER SYSTEMS LAB	23	45	2
14JR1A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	52	3
14JR1A0230	RT41022	HVAC AND DC TRANSMISSION	19	25	3
14JR1A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	63	3
14JR1A0230	RT41025	INSTRUMENTATION	20	44	3
14JR1A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	36	3
14JR1A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14JR1A0230	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0230	RT4102N	POWER SYSTEMS LAB	23	45	2
14JR1A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	38	3
14JR1A0231	RT41022	HVAC AND DC TRANSMISSION	17	30	3
14JR1A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	44	3
14JR1A0231	RT41025	INSTRUMENTATION	16	40	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	37	3
14JR1A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
14JR1A0231	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0231	RT4102N	POWER SYSTEMS LAB	24	46	2
14JR1A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	37	3
14JR1A0232	RT41022	HVAC AND DC TRANSMISSION	19	32	3
14JR1A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	24	3
14JR1A0232	RT41025	INSTRUMENTATION	16	42	3
14JR1A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	27	3
14JR1A0232	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14JR1A0232	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0232	RT4102N	POWER SYSTEMS LAB	23	47	2
14JR1A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
14JR1A0233	RT41022	HVAC AND DC TRANSMISSION	22	37	3
14JR1A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	48	3
14JR1A0233	RT41025	INSTRUMENTATION	19	45	3
14JR1A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	38	3
14JR1A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14JR1A0233	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0233	RT4102N	POWER SYSTEMS LAB	23	48	2
14JR1A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	39	3
14JR1A0234	RT41022	HVAC AND DC TRANSMISSION	19	17	0
14JR1A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	41	3
14JR1A0234	RT41025	INSTRUMENTATION	16	41	3
14JR1A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	13	0
14JR1A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14JR1A0234	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0234	RT4102N	POWER SYSTEMS LAB	22	45	2
14JR1A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	57	3
14JR1A0235	RT41022	HVAC AND DC TRANSMISSION	22	34	3
14JR1A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	36	3
14JR1A0235	RT41025	INSTRUMENTATION	16	43	3
14JR1A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	24	3
14JR1A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14JR1A0235	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
14JR1A0235	RT4102N	POWER SYSTEMS LAB	22	45	2
14JR1A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	29	3
14JR1A0236	RT41022	HVAC AND DC TRANSMISSION	19	30	3
14JR1A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	33	3
14JR1A0236	RT41025	INSTRUMENTATION	16	36	3
14JR1A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	13	0
14JR1A0236	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
14JR1A0236	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0236	RT4102N	POWER SYSTEMS LAB	22	45	2
14JR1A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	41	3
14JR1A0237	RT41022	HVAC AND DC TRANSMISSION	21	25	3
14JR1A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	42	3
14JR1A0237	RT41025	INSTRUMENTATION	16	35	3
14JR1A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	37	3
14JR1A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0237	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0237	RT4102N	POWER SYSTEMS LAB	22	45	2
14JR1A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	54	3
14JR1A0238	RT41022	HVAC AND DC TRANSMISSION	23	25	3
14JR1A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	69	3
14JR1A0238	RT41025	INSTRUMENTATION	22	59	3
14JR1A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	31	3
14JR1A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
14JR1A0238	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
14JR1A0238	RT4102N	POWER SYSTEMS LAB	23	48	2
14JR1A0239	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	38	3
14JR1A0239	RT41022	HVAC AND DC TRANSMISSION	18	36	3
14JR1A0239	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	41	3
14JR1A0239	RT41025	INSTRUMENTATION	16	43	3
14JR1A0239	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	39	3
14JR1A0239	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14JR1A0239	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
14JR1A0239	RT4102N	POWER SYSTEMS LAB	23	45	2
14JR1A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	31	3
14JR1A0240	RT41022	HVAC AND DC TRANSMISSION	15	32	3
14JR1A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	42	3
14JR1A0240	RT41025	INSTRUMENTATION	16	30	3
14JR1A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	11	0
14JR1A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14JR1A0240	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
14JR1A0240	RT4102N	POWER SYSTEMS LAB	22	45	2
14JR1A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	41	3
14JR1A0241	RT41022	HVAC AND DC TRANSMISSION	23	8	0
14JR1A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	34	3
14JR1A0241	RT41025	INSTRUMENTATION	16	11	0
14JR1A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	28	3
14JR1A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14JR1A0241	RT4102M	ELECTRICAL SIMULATION LAB	23	46	2
14JR1A0241	RT4102N	POWER SYSTEMS LAB	23	45	2
14JR1A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	48	3
14JR1A0242	RT41022	HVAC AND DC TRANSMISSION	23	10	0
14JR1A0242	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	39	3
14JR1A0242	RT41025	INSTRUMENTATION	16	32	3
14JR1A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	29	3
14JR1A0242	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14JR1A0242	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
14JR1A0242	RT4102N	POWER SYSTEMS LAB	23	46	2
14JR1A0301	RT41031	AUTOMOBILE ENGINEERING	25	56	3
14JR1A0301	RT41032	CAD CAM	28	44	3
14JR1A0301	RT41033	FINITE ELEMENT METHODS	25	39	3
14JR1A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	46	3
14JR1A0301	RT41035	MEMS	26	37	3
14JR1A0301	RT41039	AUTOMATION IN MANUFACTURING	26	46	3
14JR1A0301	RT4103L	SIMULATION LAB	25	49	2
14JR1A0301	RT4103M	DESIGN FABRICATION PROJECT	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0302	RT41031	AUTOMOBILE ENGINEERING	17	34	3
14JR1A0302	RT41032	CAD CAM	26	32	3
14JR1A0302	RT41033	FINITE ELEMENT METHODS	22	15	0
14JR1A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	39	3
14JR1A0302	RT41035	MEMS	22	24	3
14JR1A0302	RT41039	AUTOMATION IN MANUFACTURING	18	38	3
14JR1A0302	RT4103L	SIMULATION LAB	24	49	2
14JR1A0302	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0303	RT41031	AUTOMOBILE ENGINEERING	24	48	3
14JR1A0303	RT41032	CAD CAM	27	39	3
14JR1A0303	RT41033	FINITE ELEMENT METHODS	24	62	3
14JR1A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	55	3
14JR1A0303	RT41035	MEMS	24	37	3
14JR1A0303	RT41039	AUTOMATION IN MANUFACTURING	20	30	3
14JR1A0303	RT4103L	SIMULATION LAB	25	49	2
14JR1A0303	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0304	RT41031	AUTOMOBILE ENGINEERING	18	40	3
14JR1A0304	RT41032	CAD CAM	20	40	3
14JR1A0304	RT41033	FINITE ELEMENT METHODS	19	36	3
14JR1A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	46	3
14JR1A0304	RT41035	MEMS	21	38	3
14JR1A0304	RT41039	AUTOMATION IN MANUFACTURING	21	43	3
14JR1A0304	RT4103L	SIMULATION LAB	23	49	2
14JR1A0304	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0305	RT41031	AUTOMOBILE ENGINEERING	17	38	3
14JR1A0305	RT41032	CAD CAM	21	43	3
14JR1A0305	RT41033	FINITE ELEMENT METHODS	25	41	3
14JR1A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	43	3
14JR1A0305	RT41035	MEMS	23	44	3
14JR1A0305	RT41039	AUTOMATION IN MANUFACTURING	17	40	3
14JR1A0305	RT4103L	SIMULATION LAB	22	48	2
14JR1A0305	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0306	RT41031	AUTOMOBILE ENGINEERING	16	34	3
14JR1A0306	RT41032	CAD CAM	17	37	3
14JR1A0306	RT41033	FINITE ELEMENT METHODS	23	31	3
14JR1A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	44	3
14JR1A0306	RT41035	MEMS	16	39	3
14JR1A0306	RT41039	AUTOMATION IN MANUFACTURING	17	33	3
14JR1A0306	RT4103L	SIMULATION LAB	21	47	2
14JR1A0306	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
14JR1A0307	RT41031	AUTOMOBILE ENGINEERING	16	29	3
14JR1A0307	RT41032	CAD CAM	24	39	3
14JR1A0307	RT41033	FINITE ELEMENT METHODS	21	36	3
14JR1A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	45	3
14JR1A0307	RT41035	MEMS	21	37	3
14JR1A0307	RT41039	AUTOMATION IN MANUFACTURING	20	30	3
14JR1A0307	RT4103L	SIMULATION LAB	24	49	2
14JR1A0307	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0308	RT41031	AUTOMOBILE ENGINEERING	17	55	3
14JR1A0308	RT41032	CAD CAM	18	52	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0308	RT41033	FINITE ELEMENT METHODS	23	31	3
14JR1A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	49	3
14JR1A0308	RT41035	MEMS	20	49	3
14JR1A0308	RT41039	AUTOMATION IN MANUFACTURING	17	41	3
14JR1A0308	RT4103L	SIMULATION LAB	23	49	2
14JR1A0308	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0309	RT41031	AUTOMOBILE ENGINEERING	20	25	3
14JR1A0309	RT41032	CAD CAM	20	36	3
14JR1A0309	RT41033	FINITE ELEMENT METHODS	20	12	0
14JR1A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	36	3
14JR1A0309	RT41035	MEMS	23	3	0
14JR1A0309	RT41039	AUTOMATION IN MANUFACTURING	16	43	3
14JR1A0309	RT4103L	SIMULATION LAB	24	49	2
14JR1A0309	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
14JR1A0310	RT41031	AUTOMOBILE ENGINEERING	19	45	3
14JR1A0310	RT41032	CAD CAM	18	36	3
14JR1A0310	RT41033	FINITE ELEMENT METHODS	26	28	3
14JR1A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	31	3
14JR1A0310	RT41035	MEMS	24	27	3
14JR1A0310	RT41039	AUTOMATION IN MANUFACTURING	16	36	3
14JR1A0310	RT4103L	SIMULATION LAB	24	49	2
14JR1A0310	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0311	RT41031	AUTOMOBILE ENGINEERING	22	30	3
14JR1A0311	RT41032	CAD CAM	23	46	3
14JR1A0311	RT41033	FINITE ELEMENT METHODS	20	38	3
14JR1A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	39	3
14JR1A0311	RT41035	MEMS	18	35	3
14JR1A0311	RT41039	AUTOMATION IN MANUFACTURING	21	32	3
14JR1A0311	RT4103L	SIMULATION LAB	24	48	2
14JR1A0311	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0312	RT41031	AUTOMOBILE ENGINEERING	19	46	3
14JR1A0312	RT41032	CAD CAM	20	39	3
14JR1A0312	RT41033	FINITE ELEMENT METHODS	22	17	0
14JR1A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	42	3
14JR1A0312	RT41035	MEMS	22	38	3
14JR1A0312	RT41039	AUTOMATION IN MANUFACTURING	23	40	3
14JR1A0312	RT4103L	SIMULATION LAB	23	48	2
14JR1A0312	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0313	RT41031	AUTOMOBILE ENGINEERING	16	34	3
14JR1A0313	RT41032	CAD CAM	19	36	3
14JR1A0313	RT41033	FINITE ELEMENT METHODS	19	24	3
14JR1A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	36	3
14JR1A0313	RT41035	MEMS	21	29	3
14JR1A0313	RT41039	AUTOMATION IN MANUFACTURING	16	38	3
14JR1A0313	RT4103L	SIMULATION LAB	22	48	2
14JR1A0313	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0314	RT41031	AUTOMOBILE ENGINEERING	16	38	3
14JR1A0314	RT41032	CAD CAM	20	38	3
14JR1A0314	RT41033	FINITE ELEMENT METHODS	18	12	0
14JR1A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	26	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0314	RT41035	MEMS	22	24	3
14JR1A0314	RT41039	AUTOMATION IN MANUFACTURING	19	31	3
14JR1A0314	RT4103L	SIMULATION LAB	22	48	2
14JR1A0314	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0315	RT41031	AUTOMOBILE ENGINEERING	16	30	3
14JR1A0315	RT41032	CAD CAM	24	24	3
14JR1A0315	RT41033	FINITE ELEMENT METHODS	25	41	3
14JR1A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	29	3
14JR1A0315	RT41035	MEMS	20	10	0
14JR1A0315	RT41039	AUTOMATION IN MANUFACTURING	16	17	0
14JR1A0315	RT4103L	SIMULATION LAB	24	49	2
14JR1A0315	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0316	RT41031	AUTOMOBILE ENGINEERING	16	41	3
14JR1A0316	RT41032	CAD CAM	21	16	0
14JR1A0316	RT41033	FINITE ELEMENT METHODS	19	16	0
14JR1A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	40	3
14JR1A0316	RT41035	MEMS	21	11	0
14JR1A0316	RT41039	AUTOMATION IN MANUFACTURING	20	35	3
14JR1A0316	RT4103L	SIMULATION LAB	21	47	2
14JR1A0316	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
14JR1A0317	RT41031	AUTOMOBILE ENGINEERING	17	33	3
14JR1A0317	RT41032	CAD CAM	20	40	3
14JR1A0317	RT41033	FINITE ELEMENT METHODS	19	6	0
14JR1A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	32	3
14JR1A0317	RT41035	MEMS	17	24	3
14JR1A0317	RT41039	AUTOMATION IN MANUFACTURING	19	40	3
14JR1A0317	RT4103L	SIMULATION LAB	23	49	2
14JR1A0317	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0318	RT41031	AUTOMOBILE ENGINEERING	17	45	3
14JR1A0318	RT41032	CAD CAM	24	35	3
14JR1A0318	RT41033	FINITE ELEMENT METHODS	22	31	3
14JR1A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	38	3
14JR1A0318	RT41035	MEMS	21	43	3
14JR1A0318	RT41039	AUTOMATION IN MANUFACTURING	22	30	3
14JR1A0318	RT4103L	SIMULATION LAB	23	48	2
14JR1A0318	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0319	RT41031	AUTOMOBILE ENGINEERING	17	26	3
14JR1A0319	RT41032	CAD CAM	19	43	3
14JR1A0319	RT41033	FINITE ELEMENT METHODS	22	10	0
14JR1A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	44	3
14JR1A0319	RT41035	MEMS	18	5	0
14JR1A0319	RT41039	AUTOMATION IN MANUFACTURING	16	24	3
14JR1A0319	RT4103L	SIMULATION LAB	23	47	2
14JR1A0319	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0320	RT41031	AUTOMOBILE ENGINEERING	17	51	3
14JR1A0320	RT41032	CAD CAM	23	32	3
14JR1A0320	RT41033	FINITE ELEMENT METHODS	26	24	3
14JR1A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	42	3
14JR1A0320	RT41035	MEMS	26	42	3
14JR1A0320	RT41039	AUTOMATION IN MANUFACTURING	21	34	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0320	RT4103L	SIMULATION LAB	23	48	2
14JR1A0320	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0321	RT41031	AUTOMOBILE ENGINEERING	16	38	3
14JR1A0321	RT41032	CAD CAM	22	41	3
14JR1A0321	RT41033	FINITE ELEMENT METHODS	20	2	0
14JR1A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
14JR1A0321	RT41035	MEMS	19	35	3
14JR1A0321	RT41039	AUTOMATION IN MANUFACTURING	16	35	3
14JR1A0321	RT4103L	SIMULATION LAB	24	48	2
14JR1A0321	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0322	RT41031	AUTOMOBILE ENGINEERING	16	9	0
14JR1A0322	RT41032	CAD CAM	18	31	3
14JR1A0322	RT41033	FINITE ELEMENT METHODS	16	6	0
14JR1A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	12	0
14JR1A0322	RT41035	MEMS	13	7	0
14JR1A0322	RT41039	AUTOMATION IN MANUFACTURING	10	0	0
14JR1A0322	RT4103L	SIMULATION LAB	22	47	2
14JR1A0322	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
14JR1A0323	RT41031	AUTOMOBILE ENGINEERING	20	28	3
14JR1A0323	RT41032	CAD CAM	20	27	3
14JR1A0323	RT41033	FINITE ELEMENT METHODS	19	27	3
14JR1A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
14JR1A0323	RT41035	MEMS	21	35	3
14JR1A0323	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
14JR1A0323	RT4103L	SIMULATION LAB	22	48	2
14JR1A0323	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0324	RT41031	AUTOMOBILE ENGINEERING	16	62	3
14JR1A0324	RT41032	CAD CAM	26	50	3
14JR1A0324	RT41033	FINITE ELEMENT METHODS	27	31	3
14JR1A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	53	3
14JR1A0324	RT41035	MEMS	22	59	3
14JR1A0324	RT41039	AUTOMATION IN MANUFACTURING	20	40	3
14JR1A0324	RT4103L	SIMULATION LAB	23	48	2
14JR1A0324	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0325	RT41031	AUTOMOBILE ENGINEERING	20	50	3
14JR1A0325	RT41032	CAD CAM	23	44	3
14JR1A0325	RT41033	FINITE ELEMENT METHODS	26	62	3
14JR1A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	51	3
14JR1A0325	RT41035	MEMS	22	48	3
14JR1A0325	RT41039	AUTOMATION IN MANUFACTURING	23	53	3
14JR1A0325	RT4103L	SIMULATION LAB	25	49	2
14JR1A0325	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0326	RT41031	AUTOMOBILE ENGINEERING	20	38	3
14JR1A0326	RT41032	CAD CAM	18	33	3
14JR1A0326	RT41033	FINITE ELEMENT METHODS	14	18	0
14JR1A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	38	3
14JR1A0326	RT41035	MEMS	19	16	0
14JR1A0326	RT41039	AUTOMATION IN MANUFACTURING	16	28	3
14JR1A0326	RT4103L	SIMULATION LAB	23	49	2
14JR1A0326	RT4103M	DESIGN FABRICATION PROJECT	47	0	1

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0327	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14JR1A0327	RT41032	CAD CAM	17	30	3
14JR1A0327	RT41033	FINITE ELEMENT METHODS	16	38	3
14JR1A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	29	3
14JR1A0327	RT41035	MEMS	17	28	3
14JR1A0327	RT41039	AUTOMATION IN MANUFACTURING	14	15	0
14JR1A0327	RT4103L	SIMULATION LAB	23	47	2
14JR1A0327	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0328	RT41031	AUTOMOBILE ENGINEERING	24	60	3
14JR1A0328	RT41032	CAD CAM	22	40	3
14JR1A0328	RT41033	FINITE ELEMENT METHODS	22	35	3
14JR1A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	49	3
14JR1A0328	RT41035	MEMS	24	60	3
14JR1A0328	RT41039	AUTOMATION IN MANUFACTURING	21	49	3
14JR1A0328	RT4103L	SIMULATION LAB	24	48	2
14JR1A0328	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0329	RT41031	AUTOMOBILE ENGINEERING	16	41	3
14JR1A0329	RT41032	CAD CAM	22	53	3
14JR1A0329	RT41033	FINITE ELEMENT METHODS	17	24	3
14JR1A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	40	3
14JR1A0329	RT41035	MEMS	19	40	3
14JR1A0329	RT41039	AUTOMATION IN MANUFACTURING	22	42	3
14JR1A0329	RT4103L	SIMULATION LAB	21	47	2
14JR1A0329	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
14JR1A0330	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14JR1A0330	RT41032	CAD CAM	20	28	3
14JR1A0330	RT41033	FINITE ELEMENT METHODS	15	12	0
14JR1A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	24	3
14JR1A0330	RT41035	MEMS	14	31	3
14JR1A0330	RT41039	AUTOMATION IN MANUFACTURING	14	29	3
14JR1A0330	RT4103L	SIMULATION LAB	22	47	2
14JR1A0330	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
14JR1A0331	RT41031	AUTOMOBILE ENGINEERING	20	30	3
14JR1A0331	RT41032	CAD CAM	22	41	3
14JR1A0331	RT41033	FINITE ELEMENT METHODS	18	40	3
14JR1A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	41	3
14JR1A0331	RT41035	MEMS	17	43	3
14JR1A0331	RT41039	AUTOMATION IN MANUFACTURING	16	34	3
14JR1A0331	RT4103L	SIMULATION LAB	23	49	2
14JR1A0331	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0332	RT41031	AUTOMOBILE ENGINEERING	18	47	3
14JR1A0332	RT41032	CAD CAM	19	30	3
14JR1A0332	RT41033	FINITE ELEMENT METHODS	23	32	3
14JR1A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	50	3
14JR1A0332	RT41035	MEMS	18	55	3
14JR1A0332	RT41039	AUTOMATION IN MANUFACTURING	20	47	3
14JR1A0332	RT4103L	SIMULATION LAB	24	49	2
14JR1A0332	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0333	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14JR1A0333	RT41032	CAD CAM	18	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0333	RT41033	FINITE ELEMENT METHODS	21	12	0
14JR1A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	32	3
14JR1A0333	RT41035	MEMS	18	27	3
14JR1A0333	RT41039	AUTOMATION IN MANUFACTURING	18	44	3
14JR1A0333	RT4103L	SIMULATION LAB	23	49	2
14JR1A0333	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0334	RT41031	AUTOMOBILE ENGINEERING	18	40	3
14JR1A0334	RT41032	CAD CAM	20	44	3
14JR1A0334	RT41033	FINITE ELEMENT METHODS	22	29	3
14JR1A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
14JR1A0334	RT41035	MEMS	19	47	3
14JR1A0334	RT41039	AUTOMATION IN MANUFACTURING	19	36	3
14JR1A0334	RT4103L	SIMULATION LAB	23	49	2
14JR1A0334	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0335	RT41031	AUTOMOBILE ENGINEERING	18	43	3
14JR1A0335	RT41032	CAD CAM	20	46	3
14JR1A0335	RT41033	FINITE ELEMENT METHODS	22	49	3
14JR1A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	43	3
14JR1A0335	RT41035	MEMS	17	28	3
14JR1A0335	RT41039	AUTOMATION IN MANUFACTURING	16	30	3
14JR1A0335	RT4103L	SIMULATION LAB	23	48	2
14JR1A0335	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0336	RT41031	AUTOMOBILE ENGINEERING	17	48	3
14JR1A0336	RT41032	CAD CAM	20	28	3
14JR1A0336	RT41033	FINITE ELEMENT METHODS	19	31	3
14JR1A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	43	3
14JR1A0336	RT41035	MEMS	20	34	3
14JR1A0336	RT41039	AUTOMATION IN MANUFACTURING	20	38	3
14JR1A0336	RT4103L	SIMULATION LAB	23	47	2
14JR1A0336	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0337	RT41031	AUTOMOBILE ENGINEERING	17	37	3
14JR1A0337	RT41032	CAD CAM	21	43	3
14JR1A0337	RT41033	FINITE ELEMENT METHODS	19	47	3
14JR1A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	36	3
14JR1A0337	RT41035	MEMS	20	39	3
14JR1A0337	RT41039	AUTOMATION IN MANUFACTURING	19	38	3
14JR1A0337	RT4103L	SIMULATION LAB	23	49	2
14JR1A0337	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0338	RT41031	AUTOMOBILE ENGINEERING	16	41	3
14JR1A0338	RT41032	CAD CAM	17	34	3
14JR1A0338	RT41033	FINITE ELEMENT METHODS	16	17	0
14JR1A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	24	3
14JR1A0338	RT41035	MEMS	21	34	3
14JR1A0338	RT41039	AUTOMATION IN MANUFACTURING	16	31	3
14JR1A0338	RT4103L	SIMULATION LAB	22	49	2
14JR1A0338	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0339	RT41031	AUTOMOBILE ENGINEERING	16	30	3
14JR1A0339	RT41032	CAD CAM	19	34	3
14JR1A0339	RT41033	FINITE ELEMENT METHODS	21	24	3
14JR1A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	37	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0339	RT41035	MEMS	19	30	3
14JR1A0339	RT41039	AUTOMATION IN MANUFACTURING	16	14	0
14JR1A0339	RT4103L	SIMULATION LAB	25	48	2
14JR1A0339	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0340	RT41031	AUTOMOBILE ENGINEERING	22	46	3
14JR1A0340	RT41032	CAD CAM	26	28	3
14JR1A0340	RT41033	FINITE ELEMENT METHODS	20	34	3
14JR1A0340	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	46	3
14JR1A0340	RT41035	MEMS	22	38	3
14JR1A0340	RT41039	AUTOMATION IN MANUFACTURING	21	45	3
14JR1A0340	RT4103L	SIMULATION LAB	23	49	2
14JR1A0340	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0341	RT41031	AUTOMOBILE ENGINEERING	10	30	3
14JR1A0341	RT41032	CAD CAM	15	31	3
14JR1A0341	RT41033	FINITE ELEMENT METHODS	19	6	0
14JR1A0341	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	25	3
14JR1A0341	RT41035	MEMS	16	24	3
14JR1A0341	RT41039	AUTOMATION IN MANUFACTURING	16	32	3
14JR1A0341	RT4103L	SIMULATION LAB	23	49	2
14JR1A0341	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0342	RT41031	AUTOMOBILE ENGINEERING	16	39	3
14JR1A0342	RT41032	CAD CAM	19	35	3
14JR1A0342	RT41033	FINITE ELEMENT METHODS	21	24	3
14JR1A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
14JR1A0342	RT41035	MEMS	23	26	3
14JR1A0342	RT41039	AUTOMATION IN MANUFACTURING	16	31	3
14JR1A0342	RT4103L	SIMULATION LAB	22	49	2
14JR1A0342	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0343	RT41031	AUTOMOBILE ENGINEERING	17	31	3
14JR1A0343	RT41032	CAD CAM	18	43	3
14JR1A0343	RT41033	FINITE ELEMENT METHODS	21	28	3
14JR1A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	27	3
14JR1A0343	RT41035	MEMS	18	7	0
14JR1A0343	RT41039	AUTOMATION IN MANUFACTURING	22	30	3
14JR1A0343	RT4103L	SIMULATION LAB	23	49	2
14JR1A0343	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0344	RT41031	AUTOMOBILE ENGINEERING	18	30	3
14JR1A0344	RT41032	CAD CAM	22	44	3
14JR1A0344	RT41033	FINITE ELEMENT METHODS	24	25	3
14JR1A0344	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	46	3
14JR1A0344	RT41035	MEMS	14	40	3
14JR1A0344	RT41039	AUTOMATION IN MANUFACTURING	16	29	3
14JR1A0344	RT4103L	SIMULATION LAB	22	49	2
14JR1A0344	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
14JR1A0345	RT41031	AUTOMOBILE ENGINEERING	16	37	3
14JR1A0345	RT41032	CAD CAM	18	40	3
14JR1A0345	RT41033	FINITE ELEMENT METHODS	21	3	0
14JR1A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
14JR1A0345	RT41035	MEMS	19	29	3
14JR1A0345	RT41039	AUTOMATION IN MANUFACTURING	16	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0345	RT4103L	SIMULATION LAB	24	49	2
14JR1A0345	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0346	RT41031	AUTOMOBILE ENGINEERING	17	41	3
14JR1A0346	RT41032	CAD CAM	22	36	3
14JR1A0346	RT41033	FINITE ELEMENT METHODS	24	16	0
14JR1A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	32	3
14JR1A0346	RT41035	MEMS	22	28	3
14JR1A0346	RT41039	AUTOMATION IN MANUFACTURING	19	36	3
14JR1A0346	RT4103L	SIMULATION LAB	23	49	2
14JR1A0346	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0347	RT41031	AUTOMOBILE ENGINEERING	16	32	3
14JR1A0347	RT41032	CAD CAM	25	40	3
14JR1A0347	RT41033	FINITE ELEMENT METHODS	23	36	3
14JR1A0347	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	41	3
14JR1A0347	RT41035	MEMS	22	30	3
14JR1A0347	RT41039	AUTOMATION IN MANUFACTURING	20	30	3
14JR1A0347	RT4103L	SIMULATION LAB	24	49	2
14JR1A0347	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0348	RT41031	AUTOMOBILE ENGINEERING	18	47	3
14JR1A0348	RT41032	CAD CAM	24	39	3
14JR1A0348	RT41033	FINITE ELEMENT METHODS	20	24	3
14JR1A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	46	3
14JR1A0348	RT41035	MEMS	18	42	3
14JR1A0348	RT41039	AUTOMATION IN MANUFACTURING	20	39	3
14JR1A0348	RT4103L	SIMULATION LAB	23	49	2
14JR1A0348	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0349	RT41031	AUTOMOBILE ENGINEERING	16	30	3
14JR1A0349	RT41032	CAD CAM	20	31	3
14JR1A0349	RT41033	FINITE ELEMENT METHODS	21	24	3
14JR1A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	37	3
14JR1A0349	RT41035	MEMS	14	11	0
14JR1A0349	RT41039	AUTOMATION IN MANUFACTURING	16	42	3
14JR1A0349	RT4103L	SIMULATION LAB	23	49	2
14JR1A0349	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0350	RT41031	AUTOMOBILE ENGINEERING	18	13	0
14JR1A0350	RT41032	CAD CAM	19	29	3
14JR1A0350	RT41033	FINITE ELEMENT METHODS	22	26	3
14JR1A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	30	3
14JR1A0350	RT41035	MEMS	20	33	3
14JR1A0350	RT41039	AUTOMATION IN MANUFACTURING	16	31	3
14JR1A0350	RT4103L	SIMULATION LAB	24	49	2
14JR1A0350	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0351	RT41031	AUTOMOBILE ENGINEERING	17	14	0
14JR1A0351	RT41032	CAD CAM	20	27	3
14JR1A0351	RT41033	FINITE ELEMENT METHODS	19	26	3
14JR1A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	34	3
14JR1A0351	RT41035	MEMS	18	14	0
14JR1A0351	RT41039	AUTOMATION IN MANUFACTURING	17	30	3
14JR1A0351	RT4103L	SIMULATION LAB	23	49	2
14JR1A0351	RT4103M	DESIGN FABRICATION PROJECT	47	0	1

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0352	RT41031	AUTOMOBILE ENGINEERING	16	38	3
14JR1A0352	RT41032	CAD CAM	23	47	3
14JR1A0352	RT41033	FINITE ELEMENT METHODS	19	17	0
14JR1A0352	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	45	3
14JR1A0352	RT41035	MEMS	23	40	3
14JR1A0352	RT41039	AUTOMATION IN MANUFACTURING	16	43	3
14JR1A0352	RT4103L	SIMULATION LAB	24	49	2
14JR1A0352	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0354	RT41031	AUTOMOBILE ENGINEERING	13	27	3
14JR1A0354	RT41032	CAD CAM	20	32	3
14JR1A0354	RT41033	FINITE ELEMENT METHODS	16	2	0
14JR1A0354	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	32	3
14JR1A0354	RT41035	MEMS	13	17	0
14JR1A0354	RT41039	AUTOMATION IN MANUFACTURING	8	35	3
14JR1A0354	RT4103L	SIMULATION LAB	22	45	2
14JR1A0354	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0355	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14JR1A0355	RT41032	CAD CAM	15	26	3
14JR1A0355	RT41033	FINITE ELEMENT METHODS	19	16	0
14JR1A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	33	3
14JR1A0355	RT41035	MEMS	14	9	0
14JR1A0355	RT41039	AUTOMATION IN MANUFACTURING	14	28	3
14JR1A0355	RT4103L	SIMULATION LAB	22	49	2
14JR1A0355	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0356	RT41031	AUTOMOBILE ENGINEERING	22	41	3
14JR1A0356	RT41032	CAD CAM	27	52	3
14JR1A0356	RT41033	FINITE ELEMENT METHODS	26	56	3
14JR1A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	48	3
14JR1A0356	RT41035	MEMS	23	35	3
14JR1A0356	RT41039	AUTOMATION IN MANUFACTURING	22	31	3
14JR1A0356	RT4103L	SIMULATION LAB	25	49	2
14JR1A0356	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
14JR1A0357	RT41031	AUTOMOBILE ENGINEERING	16	33	3
14JR1A0357	RT41032	CAD CAM	20	49	3
14JR1A0357	RT41033	FINITE ELEMENT METHODS	18	31	3
14JR1A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	49	3
14JR1A0357	RT41035	MEMS	14	55	3
14JR1A0357	RT41039	AUTOMATION IN MANUFACTURING	16	43	3
14JR1A0357	RT4103L	SIMULATION LAB	22	48	2
14JR1A0357	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
14JR1A0358	RT41031	AUTOMOBILE ENGINEERING	19	37	3
14JR1A0358	RT41032	CAD CAM	22	41	3
14JR1A0358	RT41033	FINITE ELEMENT METHODS	22	36	3
14JR1A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	37	3
14JR1A0358	RT41035	MEMS	24	24	3
14JR1A0358	RT41039	AUTOMATION IN MANUFACTURING	21	43	3
14JR1A0358	RT4103L	SIMULATION LAB	24	49	2
14JR1A0358	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0359	RT41031	AUTOMOBILE ENGINEERING	18	40	3
14JR1A0359	RT41032	CAD CAM	19	41	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0359	RT41033	FINITE ELEMENT METHODS	22	32	3
14JR1A0359	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	37	3
14JR1A0359	RT41035	MEMS	19	35	3
14JR1A0359	RT41039	AUTOMATION IN MANUFACTURING	16	33	3
14JR1A0359	RT4103L	SIMULATION LAB	23	49	2
14JR1A0359	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0360	RT41031	AUTOMOBILE ENGINEERING	20	39	3
14JR1A0360	RT41032	CAD CAM	25	43	3
14JR1A0360	RT41033	FINITE ELEMENT METHODS	24	27	3
14JR1A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	43	3
14JR1A0360	RT41035	MEMS	16	37	3
14JR1A0360	RT41039	AUTOMATION IN MANUFACTURING	19	31	3
14JR1A0360	RT4103L	SIMULATION LAB	23	49	2
14JR1A0360	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0361	RT41031	AUTOMOBILE ENGINEERING	18	44	3
14JR1A0361	RT41032	CAD CAM	24	32	3
14JR1A0361	RT41033	FINITE ELEMENT METHODS	22	31	3
14JR1A0361	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	49	3
14JR1A0361	RT41035	MEMS	23	41	3
14JR1A0361	RT41039	AUTOMATION IN MANUFACTURING	18	39	3
14JR1A0361	RT4103L	SIMULATION LAB	24	49	2
14JR1A0361	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0362	RT41031	AUTOMOBILE ENGINEERING	16	35	3
14JR1A0362	RT41032	CAD CAM	17	33	3
14JR1A0362	RT41033	FINITE ELEMENT METHODS	19	24	3
14JR1A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	38	3
14JR1A0362	RT41035	MEMS	18	25	3
14JR1A0362	RT41039	AUTOMATION IN MANUFACTURING	12	46	3
14JR1A0362	RT4103L	SIMULATION LAB	24	49	2
14JR1A0362	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0363	RT41031	AUTOMOBILE ENGINEERING	21	39	3
14JR1A0363	RT41032	CAD CAM	24	44	3
14JR1A0363	RT41033	FINITE ELEMENT METHODS	22	28	3
14JR1A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	49	3
14JR1A0363	RT41035	MEMS	24	46	3
14JR1A0363	RT41039	AUTOMATION IN MANUFACTURING	20	33	3
14JR1A0363	RT4103L	SIMULATION LAB	23	49	2
14JR1A0363	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0364	RT41031	AUTOMOBILE ENGINEERING	20	38	3
14JR1A0364	RT41032	CAD CAM	27	47	3
14JR1A0364	RT41033	FINITE ELEMENT METHODS	27	42	3
14JR1A0364	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	33	3
14JR1A0364	RT41035	MEMS	22	39	3
14JR1A0364	RT41039	AUTOMATION IN MANUFACTURING	18	24	3
14JR1A0364	RT4103L	SIMULATION LAB	22	49	2
14JR1A0364	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0365	RT41031	AUTOMOBILE ENGINEERING	16	36	3
14JR1A0365	RT41032	CAD CAM	24	45	3
14JR1A0365	RT41033	FINITE ELEMENT METHODS	16	24	3
14JR1A0365	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	42	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0365	RT41035	MEMS	18	47	3
14JR1A0365	RT41039	AUTOMATION IN MANUFACTURING	17	32	3
14JR1A0365	RT4103L	SIMULATION LAB	23	49	2
14JR1A0365	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0366	RT41031	AUTOMOBILE ENGINEERING	15	19	0
14JR1A0366	RT41032	CAD CAM	17	24	3
14JR1A0366	RT41033	FINITE ELEMENT METHODS	20	9	0
14JR1A0366	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	30	3
14JR1A0366	RT41035	MEMS	20	24	3
14JR1A0366	RT41039	AUTOMATION IN MANUFACTURING	17	33	3
14JR1A0366	RT4103L	SIMULATION LAB	22	48	2
14JR1A0366	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0367	RT41031	AUTOMOBILE ENGINEERING	20	42	3
14JR1A0367	RT41032	CAD CAM	26	45	3
14JR1A0367	RT41033	FINITE ELEMENT METHODS	24	30	3
14JR1A0367	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	49	3
14JR1A0367	RT41035	MEMS	25	39	3
14JR1A0367	RT41039	AUTOMATION IN MANUFACTURING	24	53	3
14JR1A0367	RT4103L	SIMULATION LAB	24	49	2
14JR1A0367	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0368	RT41031	AUTOMOBILE ENGINEERING	22	56	3
14JR1A0368	RT41032	CAD CAM	27	46	3
14JR1A0368	RT41033	FINITE ELEMENT METHODS	28	58	3
14JR1A0368	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	43	3
14JR1A0368	RT41035	MEMS	26	56	3
14JR1A0368	RT41039	AUTOMATION IN MANUFACTURING	23	17	0
14JR1A0368	RT4103L	SIMULATION LAB	25	49	2
14JR1A0368	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
14JR1A0369	RT41031	AUTOMOBILE ENGINEERING	19	45	3
14JR1A0369	RT41032	CAD CAM	19	36	3
14JR1A0369	RT41033	FINITE ELEMENT METHODS	12	4	0
14JR1A0369	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	42	3
14JR1A0369	RT41035	MEMS	13	51	3
14JR1A0369	RT41039	AUTOMATION IN MANUFACTURING	16	33	3
14JR1A0369	RT4103L	SIMULATION LAB	23	49	2
14JR1A0369	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0370	RT41031	AUTOMOBILE ENGINEERING	19	44	3
14JR1A0370	RT41032	CAD CAM	25	48	3
14JR1A0370	RT41033	FINITE ELEMENT METHODS	21	24	3
14JR1A0370	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
14JR1A0370	RT41035	MEMS	20	40	3
14JR1A0370	RT41039	AUTOMATION IN MANUFACTURING	19	45	3
14JR1A0370	RT4103L	SIMULATION LAB	24	49	2
14JR1A0370	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0371	RT41031	AUTOMOBILE ENGINEERING	19	31	3
14JR1A0371	RT41032	CAD CAM	23	41	3
14JR1A0371	RT41033	FINITE ELEMENT METHODS	25	26	3
14JR1A0371	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	45	3
14JR1A0371	RT41035	MEMS	21	46	3
14JR1A0371	RT41039	AUTOMATION IN MANUFACTURING	18	37	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0371	RT4103L	SIMULATION LAB	24	49	2
14JR1A0371	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0373	RT41031	AUTOMOBILE ENGINEERING	19	45	3
14JR1A0373	RT41032	CAD CAM	25	39	3
14JR1A0373	RT41033	FINITE ELEMENT METHODS	28	36	3
14JR1A0373	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	48	3
14JR1A0373	RT41035	MEMS	22	42	3
14JR1A0373	RT41039	AUTOMATION IN MANUFACTURING	21	32	3
14JR1A0373	RT4103L	SIMULATION LAB	24	50	2
14JR1A0373	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0374	RT41031	AUTOMOBILE ENGINEERING	16	38	3
14JR1A0374	RT41032	CAD CAM	21	38	3
14JR1A0374	RT41033	FINITE ELEMENT METHODS	23	31	3
14JR1A0374	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	59	3
14JR1A0374	RT41035	MEMS	16	43	3
14JR1A0374	RT41039	AUTOMATION IN MANUFACTURING	18	39	3
14JR1A0374	RT4103L	SIMULATION LAB	23	49	2
14JR1A0374	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0375	RT41031	AUTOMOBILE ENGINEERING	17	44	3
14JR1A0375	RT41032	CAD CAM	27	43	3
14JR1A0375	RT41033	FINITE ELEMENT METHODS	26	39	3
14JR1A0375	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	42	3
14JR1A0375	RT41035	MEMS	25	34	3
14JR1A0375	RT41039	AUTOMATION IN MANUFACTURING	19	42	3
14JR1A0375	RT4103L	SIMULATION LAB	24	49	2
14JR1A0375	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0376	RT41031	AUTOMOBILE ENGINEERING	22	37	3
14JR1A0376	RT41032	CAD CAM	26	40	3
14JR1A0376	RT41033	FINITE ELEMENT METHODS	23	35	3
14JR1A0376	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	37	3
14JR1A0376	RT41035	MEMS	22	37	3
14JR1A0376	RT41039	AUTOMATION IN MANUFACTURING	21	38	3
14JR1A0376	RT4103L	SIMULATION LAB	23	48	2
14JR1A0376	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0377	RT41031	AUTOMOBILE ENGINEERING	19	49	3
14JR1A0377	RT41032	CAD CAM	22	38	3
14JR1A0377	RT41033	FINITE ELEMENT METHODS	24	42	3
14JR1A0377	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	38	3
14JR1A0377	RT41035	MEMS	25	34	3
14JR1A0377	RT41039	AUTOMATION IN MANUFACTURING	18	24	3
14JR1A0377	RT4103L	SIMULATION LAB	22	48	2
14JR1A0377	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0378	RT41031	AUTOMOBILE ENGINEERING	23	44	3
14JR1A0378	RT41032	CAD CAM	26	46	3
14JR1A0378	RT41033	FINITE ELEMENT METHODS	20	31	3
14JR1A0378	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	52	3
14JR1A0378	RT41035	MEMS	23	41	3
14JR1A0378	RT41039	AUTOMATION IN MANUFACTURING	19	43	3
14JR1A0378	RT4103L	SIMULATION LAB	23	49	2
14JR1A0378	RT4103M	DESIGN FABRICATION PROJECT	47	0	1

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0379	RT41031	AUTOMOBILE ENGINEERING	17	36	3
14JR1A0379	RT41032	CAD CAM	19	45	3
14JR1A0379	RT41033	FINITE ELEMENT METHODS	17	3	0
14JR1A0379	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	37	3
14JR1A0379	RT41035	MEMS	16	24	3
14JR1A0379	RT41039	AUTOMATION IN MANUFACTURING	16	44	3
14JR1A0379	RT4103L	SIMULATION LAB	23	49	2
14JR1A0379	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0380	RT41031	AUTOMOBILE ENGINEERING	16	40	3
14JR1A0380	RT41032	CAD CAM	18	33	3
14JR1A0380	RT41033	FINITE ELEMENT METHODS	15	10	0
14JR1A0380	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	27	3
14JR1A0380	RT41035	MEMS	16	35	3
14JR1A0380	RT41039	AUTOMATION IN MANUFACTURING	16	32	3
14JR1A0380	RT4103L	SIMULATION LAB	22	49	2
14JR1A0380	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0381	RT41031	AUTOMOBILE ENGINEERING	20	39	3
14JR1A0381	RT41032	CAD CAM	25	45	3
14JR1A0381	RT41033	FINITE ELEMENT METHODS	22	38	3
14JR1A0381	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	45	3
14JR1A0381	RT41035	MEMS	21	37	3
14JR1A0381	RT41039	AUTOMATION IN MANUFACTURING	20	33	3
14JR1A0381	RT4103L	SIMULATION LAB	23	49	2
14JR1A0381	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0382	RT41031	AUTOMOBILE ENGINEERING	19	46	3
14JR1A0382	RT41032	CAD CAM	22	30	3
14JR1A0382	RT41033	FINITE ELEMENT METHODS	21	24	3
14JR1A0382	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	41	3
14JR1A0382	RT41035	MEMS	20	45	3
14JR1A0382	RT41039	AUTOMATION IN MANUFACTURING	17	43	3
14JR1A0382	RT4103L	SIMULATION LAB	24	49	2
14JR1A0382	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0383	RT41031	AUTOMOBILE ENGINEERING	13	35	3
14JR1A0383	RT41032	CAD CAM	20	35	3
14JR1A0383	RT41033	FINITE ELEMENT METHODS	19	12	0
14JR1A0383	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	30	3
14JR1A0383	RT41035	MEMS	18	24	3
14JR1A0383	RT41039	AUTOMATION IN MANUFACTURING	16	45	3
14JR1A0383	RT4103L	SIMULATION LAB	22	47	2
14JR1A0383	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
14JR1A0384	RT41031	AUTOMOBILE ENGINEERING	21	43	3
14JR1A0384	RT41032	CAD CAM	28	41	3
14JR1A0384	RT41033	FINITE ELEMENT METHODS	25	36	3
14JR1A0384	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	44	3
14JR1A0384	RT41035	MEMS	24	45	3
14JR1A0384	RT41039	AUTOMATION IN MANUFACTURING	18	40	3
14JR1A0384	RT4103L	SIMULATION LAB	24	49	2
14JR1A0384	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0385	RT41031	AUTOMOBILE ENGINEERING	10	10	0
14JR1A0385	RT41032	CAD CAM	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0385	RT41033	FINITE ELEMENT METHODS	16	25	3
14JR1A0385	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	19	0
14JR1A0385	RT41035	MEMS	9	12	0
14JR1A0385	RT41039	AUTOMATION IN MANUFACTURING	6	14	0
14JR1A0385	RT4103L	SIMULATION LAB	23	49	2
14JR1A0385	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
14JR1A0386	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14JR1A0386	RT41032	CAD CAM	21	28	3
14JR1A0386	RT41033	FINITE ELEMENT METHODS	20	31	3
14JR1A0386	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	49	3
14JR1A0386	RT41035	MEMS	16	48	3
14JR1A0386	RT41039	AUTOMATION IN MANUFACTURING	17	41	3
14JR1A0386	RT4103L	SIMULATION LAB	22	47	2
14JR1A0386	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
14JR1A0387	RT41031	AUTOMOBILE ENGINEERING	18	37	3
14JR1A0387	RT41032	CAD CAM	22	48	3
14JR1A0387	RT41033	FINITE ELEMENT METHODS	23	36	3
14JR1A0387	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	35	3
14JR1A0387	RT41035	MEMS	22	37	3
14JR1A0387	RT41039	AUTOMATION IN MANUFACTURING	17	47	3
14JR1A0387	RT4103L	SIMULATION LAB	23	49	2
14JR1A0387	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0388	RT41031	AUTOMOBILE ENGINEERING	21	30	3
14JR1A0388	RT41032	CAD CAM	27	37	3
14JR1A0388	RT41033	FINITE ELEMENT METHODS	24	28	3
14JR1A0388	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	40	3
14JR1A0388	RT41035	MEMS	21	39	3
14JR1A0388	RT41039	AUTOMATION IN MANUFACTURING	20	32	3
14JR1A0388	RT4103L	SIMULATION LAB	24	49	2
14JR1A0388	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0389	RT41031	AUTOMOBILE ENGINEERING	12	28	3
14JR1A0389	RT41032	CAD CAM	15	25	3
14JR1A0389	RT41033	FINITE ELEMENT METHODS	16	11	0
14JR1A0389	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	25	3
14JR1A0389	RT41035	MEMS	18	11	0
14JR1A0389	RT41039	AUTOMATION IN MANUFACTURING	16	17	0
14JR1A0389	RT4103L	SIMULATION LAB	21	47	2
14JR1A0389	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
14JR1A0390	RT41031	AUTOMOBILE ENGINEERING	21	39	3
14JR1A0390	RT41032	CAD CAM	23	41	3
14JR1A0390	RT41033	FINITE ELEMENT METHODS	22	24	3
14JR1A0390	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	47	3
14JR1A0390	RT41035	MEMS	22	45	3
14JR1A0390	RT41039	AUTOMATION IN MANUFACTURING	20	43	3
14JR1A0390	RT4103L	SIMULATION LAB	24	49	2
14JR1A0390	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0391	RT41031	AUTOMOBILE ENGINEERING	18	34	3
14JR1A0391	RT41032	CAD CAM	18	49	3
14JR1A0391	RT41033	FINITE ELEMENT METHODS	20	41	3
14JR1A0391	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	38	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0391	RT41035	MEMS	19	31	3
14JR1A0391	RT41039	AUTOMATION IN MANUFACTURING	18	40	3
14JR1A0391	RT4103L	SIMULATION LAB	23	49	2
14JR1A0391	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0392	RT41031	AUTOMOBILE ENGINEERING	18	31	3
14JR1A0392	RT41032	CAD CAM	21	32	3
14JR1A0392	RT41033	FINITE ELEMENT METHODS	23	32	3
14JR1A0392	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	36	3
14JR1A0392	RT41035	MEMS	20	33	3
14JR1A0392	RT41039	AUTOMATION IN MANUFACTURING	21	33	3
14JR1A0392	RT4103L	SIMULATION LAB	24	49	2
14JR1A0392	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0393	RT41031	AUTOMOBILE ENGINEERING	19	40	3
14JR1A0393	RT41032	CAD CAM	24	41	3
14JR1A0393	RT41033	FINITE ELEMENT METHODS	23	35	3
14JR1A0393	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
14JR1A0393	RT41035	MEMS	19	33	3
14JR1A0393	RT41039	AUTOMATION IN MANUFACTURING	19	30	3
14JR1A0393	RT4103L	SIMULATION LAB	23	49	2
14JR1A0393	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0394	RT41031	AUTOMOBILE ENGINEERING	16	29	3
14JR1A0394	RT41032	CAD CAM	20	24	3
14JR1A0394	RT41033	FINITE ELEMENT METHODS	20	14	0
14JR1A0394	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
14JR1A0394	RT41035	MEMS	20	33	3
14JR1A0394	RT41039	AUTOMATION IN MANUFACTURING	20	30	3
14JR1A0394	RT4103L	SIMULATION LAB	22	49	2
14JR1A0394	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0395	RT41031	AUTOMOBILE ENGINEERING	19	35	3
14JR1A0395	RT41032	CAD CAM	22	35	3
14JR1A0395	RT41033	FINITE ELEMENT METHODS	24	36	3
14JR1A0395	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	41	3
14JR1A0395	RT41035	MEMS	20	35	3
14JR1A0395	RT41039	AUTOMATION IN MANUFACTURING	18	43	3
14JR1A0395	RT4103L	SIMULATION LAB	22	48	2
14JR1A0395	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0396	RT41031	AUTOMOBILE ENGINEERING	19	42	3
14JR1A0396	RT41032	CAD CAM	25	40	3
14JR1A0396	RT41033	FINITE ELEMENT METHODS	23	30	3
14JR1A0396	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	48	3
14JR1A0396	RT41035	MEMS	27	44	3
14JR1A0396	RT41039	AUTOMATION IN MANUFACTURING	21	32	3
14JR1A0396	RT4103L	SIMULATION LAB	24	49	2
14JR1A0396	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A0397	RT41031	AUTOMOBILE ENGINEERING	16	36	3
14JR1A0397	RT41032	CAD CAM	21	16	0
14JR1A0397	RT41033	FINITE ELEMENT METHODS	21	28	3
14JR1A0397	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
14JR1A0397	RT41035	MEMS	21	24	3
14JR1A0397	RT41039	AUTOMATION IN MANUFACTURING	16	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0397	RT4103L	SIMULATION LAB	23	49	2
14JR1A0397	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A0398	RT41031	AUTOMOBILE ENGINEERING	15	30	3
14JR1A0398	RT41032	CAD CAM	20	15	0
14JR1A0398	RT41033	FINITE ELEMENT METHODS	19	9	0
14JR1A0398	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	41	3
14JR1A0398	RT41035	MEMS	19	38	3
14JR1A0398	RT41039	AUTOMATION IN MANUFACTURING	16	35	3
14JR1A0398	RT4103L	SIMULATION LAB	22	48	2
14JR1A0398	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0399	RT41031	AUTOMOBILE ENGINEERING	20	44	3
14JR1A0399	RT41032	CAD CAM	24	43	3
14JR1A0399	RT41033	FINITE ELEMENT METHODS	24	39	3
14JR1A0399	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	39	3
14JR1A0399	RT41035	MEMS	22	33	3
14JR1A0399	RT41039	AUTOMATION IN MANUFACTURING	18	50	3
14JR1A0399	RT4103L	SIMULATION LAB	23	49	2
14JR1A0399	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A03A0	RT41031	AUTOMOBILE ENGINEERING	17	24	3
14JR1A03A0	RT41032	CAD CAM	23	35	3
14JR1A03A0	RT41033	FINITE ELEMENT METHODS	24	16	0
14JR1A03A0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	42	3
14JR1A03A0	RT41035	MEMS	20	40	3
14JR1A03A0	RT41039	AUTOMATION IN MANUFACTURING	19	33	3
14JR1A03A0	RT4103L	SIMULATION LAB	24	49	2
14JR1A03A0	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
14JR1A03A1	RT41031	AUTOMOBILE ENGINEERING	20	46	3
14JR1A03A1	RT41032	CAD CAM	26	27	3
14JR1A03A1	RT41033	FINITE ELEMENT METHODS	26	57	3
14JR1A03A1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
14JR1A03A1	RT41035	MEMS	25	42	3
14JR1A03A1	RT41039	AUTOMATION IN MANUFACTURING	22	27	3
14JR1A03A1	RT4103L	SIMULATION LAB	23	49	2
14JR1A03A1	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A03A3	RT41031	AUTOMOBILE ENGINEERING	21	39	3
14JR1A03A3	RT41032	CAD CAM	27	33	3
14JR1A03A3	RT41033	FINITE ELEMENT METHODS	24	36	3
14JR1A03A3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	47	3
14JR1A03A3	RT41035	MEMS	23	42	3
14JR1A03A3	RT41039	AUTOMATION IN MANUFACTURING	22	45	3
14JR1A03A3	RT4103L	SIMULATION LAB	23	49	2
14JR1A03A3	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A03A4	RT41031	AUTOMOBILE ENGINEERING	19	50	3
14JR1A03A4	RT41032	CAD CAM	27	43	3
14JR1A03A4	RT41033	FINITE ELEMENT METHODS	24	39	3
14JR1A03A4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	48	3
14JR1A03A4	RT41035	MEMS	23	43	3
14JR1A03A4	RT41039	AUTOMATION IN MANUFACTURING	19	52	3
14JR1A03A4	RT4103L	SIMULATION LAB	25	50	2
14JR1A03A4	RT4103M	DESIGN FABRICATION PROJECT	49	0	1

Htno	Subcode	Subname	Internal	External	Credits
14JR1A03A5	RT41031	AUTOMOBILE ENGINEERING	17	24	3
14JR1A03A5	RT41032	CAD CAM	17	33	3
14JR1A03A5	RT41033	FINITE ELEMENT METHODS	17	6	0
14JR1A03A5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	35	3
14JR1A03A5	RT41035	MEMS	15	27	3
14JR1A03A5	RT41039	AUTOMATION IN MANUFACTURING	16	36	3
14JR1A03A5	RT4103L	SIMULATION LAB	23	49	2
14JR1A03A5	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
14JR1A03A6	RT41031	AUTOMOBILE ENGINEERING	14	28	3
14JR1A03A6	RT41032	CAD CAM	23	27	3
14JR1A03A6	RT41033	FINITE ELEMENT METHODS	21	42	3
14JR1A03A6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	37	3
14JR1A03A6	RT41035	MEMS	19	36	3
14JR1A03A6	RT41039	AUTOMATION IN MANUFACTURING	16	24	3
14JR1A03A6	RT4103L	SIMULATION LAB	22	48	2
14JR1A03A6	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
14JR1A0401	RT41041	VLSI DESIGN	25	48	3
14JR1A0401	RT41042	COMPUTER NETWORKS	22	43	3
14JR1A0401	RT41043	DIGITAL IMAGE PROCESSING	23	65	3
14JR1A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	41	3
14JR1A0401	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	39	3
14JR1A0401	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0401	RT4104L	V L S I LAB	25	50	2
14JR1A0401	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0402	RT41041	VLSI DESIGN	25	31	3
14JR1A0402	RT41042	COMPUTER NETWORKS	24	32	3
14JR1A0402	RT41043	DIGITAL IMAGE PROCESSING	26	31	3
14JR1A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	35	3
14JR1A0402	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	40	3
14JR1A0402	RT4104A	OPTICAL COMMUNICATION	24	31	3
14JR1A0402	RT4104L	V L S I LAB	23	47	2
14JR1A0402	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2
14JR1A0403	RT41041	VLSI DESIGN	27	32	3
14JR1A0403	RT41042	COMPUTER NETWORKS	24	45	3
14JR1A0403	RT41043	DIGITAL IMAGE PROCESSING	26	44	3
14JR1A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	54	3
14JR1A0403	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	42	3
14JR1A0403	RT4104A	OPTICAL COMMUNICATION	24	51	3
14JR1A0403	RT4104L	V L S I LAB	25	50	2
14JR1A0403	RT4104M	MICROWAVE ENGINEERING LAB	23	50	2
14JR1A0404	RT41041	VLSI DESIGN	17	41	3
14JR1A0404	RT41042	COMPUTER NETWORKS	19	35	3
14JR1A0404	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
14JR1A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3
14JR1A0404	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	34	3
14JR1A0404	RT4104A	OPTICAL COMMUNICATION	12	40	3
14JR1A0404	RT4104L	V L S I LAB	22	47	2
14JR1A0404	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
14JR1A0405	RT41041	VLSI DESIGN	24	38	3
14JR1A0405	RT41042	COMPUTER NETWORKS	28	42	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0405	RT41043	DIGITAL IMAGE PROCESSING	20	52	3
14JR1A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	47	3
14JR1A0405	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	42	3
14JR1A0405	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0405	RT4104L	V L S I LAB	24	49	2
14JR1A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0406	RT41041	VLSI DESIGN	24	36	3
14JR1A0406	RT41042	COMPUTER NETWORKS	20	40	3
14JR1A0406	RT41043	DIGITAL IMAGE PROCESSING	21	32	3
14JR1A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	30	3
14JR1A0406	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	39	3
14JR1A0406	RT4104A	OPTICAL COMMUNICATION	19	34	3
14JR1A0406	RT4104L	V L S I LAB	23	48	2
14JR1A0406	RT4104M	MICROWAVE ENGINEERING LAB	21	47	2
14JR1A0407	RT41041	VLSI DESIGN	24	37	3
14JR1A0407	RT41042	COMPUTER NETWORKS	26	44	3
14JR1A0407	RT41043	DIGITAL IMAGE PROCESSING	24	57	3
14JR1A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	45	3
14JR1A0407	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	40	3
14JR1A0407	RT4104A	OPTICAL COMMUNICATION	22	54	3
14JR1A0407	RT4104L	V L S I LAB	23	49	2
14JR1A0407	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A0408	RT41041	VLSI DESIGN	25	44	3
14JR1A0408	RT41042	COMPUTER NETWORKS	24	33	3
14JR1A0408	RT41043	DIGITAL IMAGE PROCESSING	27	48	3
14JR1A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	45	3
14JR1A0408	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	36	3
14JR1A0408	RT4104A	OPTICAL COMMUNICATION	23	41	3
14JR1A0408	RT4104L	V L S I LAB	23	48	2
14JR1A0408	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0409	RT41041	VLSI DESIGN	21	24	3
14JR1A0409	RT41042	COMPUTER NETWORKS	24	30	3
14JR1A0409	RT41043	DIGITAL IMAGE PROCESSING	25	38	3
14JR1A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
14JR1A0409	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	29	3
14JR1A0409	RT4104A	OPTICAL COMMUNICATION	24	5	0
14JR1A0409	RT4104L	V L S I LAB	22	47	2
14JR1A0409	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
14JR1A0410	RT41041	VLSI DESIGN	22	32	3
14JR1A0410	RT41042	COMPUTER NETWORKS	20	32	3
14JR1A0410	RT41043	DIGITAL IMAGE PROCESSING	25	28	3
14JR1A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
14JR1A0410	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	29	3
14JR1A0410	RT4104A	OPTICAL COMMUNICATION	21	17	0
14JR1A0410	RT4104L	V L S I LAB	22	46	2
14JR1A0410	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
14JR1A0411	RT41041	VLSI DESIGN	25	17	0
14JR1A0411	RT41042	COMPUTER NETWORKS	16	40	3
14JR1A0411	RT41043	DIGITAL IMAGE PROCESSING	27	31	3
14JR1A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	45	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0411	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	37	3
14JR1A0411	RT4104A	OPTICAL COMMUNICATION	26	38	3
14JR1A0411	RT4104L	V L S I LAB	23	47	2
14JR1A0411	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
14JR1A0412	RT41041	VLSI DESIGN	22	24	3
14JR1A0412	RT41042	COMPUTER NETWORKS	27	40	3
14JR1A0412	RT41043	DIGITAL IMAGE PROCESSING	21	40	3
14JR1A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
14JR1A0412	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	35	3
14JR1A0412	RT4104A	OPTICAL COMMUNICATION	24	33	3
14JR1A0412	RT4104L	V L S I LAB	23	47	2
14JR1A0412	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0413	RT41041	VLSI DESIGN	23	30	3
14JR1A0413	RT41042	COMPUTER NETWORKS	24	35	3
14JR1A0413	RT41043	DIGITAL IMAGE PROCESSING	26	60	3
14JR1A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	37	3
14JR1A0413	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	42	3
14JR1A0413	RT4104A	OPTICAL COMMUNICATION	20	10	0
14JR1A0413	RT4104L	V L S I LAB	23	46	2
14JR1A0413	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
14JR1A0414	RT41041	VLSI DESIGN	21	49	3
14JR1A0414	RT41042	COMPUTER NETWORKS	22	35	3
14JR1A0414	RT41043	DIGITAL IMAGE PROCESSING	27	40	3
14JR1A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	57	3
14JR1A0414	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	40	3
14JR1A0414	RT4104A	OPTICAL COMMUNICATION	21	33	3
14JR1A0414	RT4104L	V L S I LAB	21	45	2
14JR1A0414	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A0415	RT41041	VLSI DESIGN	21	34	3
14JR1A0415	RT41042	COMPUTER NETWORKS	22	39	3
14JR1A0415	RT41043	DIGITAL IMAGE PROCESSING	21	31	3
14JR1A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	48	3
14JR1A0415	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	37	3
14JR1A0415	RT4104A	OPTICAL COMMUNICATION	22	48	3
14JR1A0415	RT4104L	V L S I LAB	21	46	2
14JR1A0415	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
14JR1A0416	RT41041	VLSI DESIGN	29	39	3
14JR1A0416	RT41042	COMPUTER NETWORKS	23	35	3
14JR1A0416	RT41043	DIGITAL IMAGE PROCESSING	25	41	3
14JR1A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	43	3
14JR1A0416	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	42	3
14JR1A0416	RT4104A	OPTICAL COMMUNICATION	24	43	3
14JR1A0416	RT4104L	V L S I LAB	25	49	2
14JR1A0416	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
14JR1A0417	RT41041	VLSI DESIGN	24	31	3
14JR1A0417	RT41042	COMPUTER NETWORKS	22	45	3
14JR1A0417	RT41043	DIGITAL IMAGE PROCESSING	24	56	3
14JR1A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	32	3
14JR1A0417	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	37	3
14JR1A0417	RT4104A	OPTICAL COMMUNICATION	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0417	RT4104L	V L S I LAB	24	50	2
14JR1A0417	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A0418	RT41041	VLSI DESIGN	27	54	3
14JR1A0418	RT41042	COMPUTER NETWORKS	24	42	3
14JR1A0418	RT41043	DIGITAL IMAGE PROCESSING	26	39	3
14JR1A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	34	3
14JR1A0418	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	39	3
14JR1A0418	RT4104A	OPTICAL COMMUNICATION	22	38	3
14JR1A0418	RT4104L	V L S I LAB	23	46	2
14JR1A0418	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A0419	RT41041	VLSI DESIGN	22	34	3
14JR1A0419	RT41042	COMPUTER NETWORKS	21	42	3
14JR1A0419	RT41043	DIGITAL IMAGE PROCESSING	26	38	3
14JR1A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	47	3
14JR1A0419	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	41	3
14JR1A0419	RT4104A	OPTICAL COMMUNICATION	24	58	3
14JR1A0419	RT4104L	V L S I LAB	22	46	2
14JR1A0419	RT4104M	MICROWAVE ENGINEERING LAB	22	49	2
14JR1A0420	RT41041	VLSI DESIGN	19	45	3
14JR1A0420	RT41042	COMPUTER NETWORKS	18	52	3
14JR1A0420	RT41043	DIGITAL IMAGE PROCESSING	21	52	3
14JR1A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	36	3
14JR1A0420	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	37	3
14JR1A0420	RT4104A	OPTICAL COMMUNICATION	22	32	3
14JR1A0420	RT4104L	V L S I LAB	21	47	2
14JR1A0420	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A0421	RT41041	VLSI DESIGN	24	42	3
14JR1A0421	RT41042	COMPUTER NETWORKS	22	35	3
14JR1A0421	RT41043	DIGITAL IMAGE PROCESSING	21	59	3
14JR1A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	46	3
14JR1A0421	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	38	3
14JR1A0421	RT4104A	OPTICAL COMMUNICATION	19	33	3
14JR1A0421	RT4104L	V L S I LAB	23	48	2
14JR1A0421	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0422	RT41041	VLSI DESIGN	25	44	3
14JR1A0422	RT41042	COMPUTER NETWORKS	23	46	3
14JR1A0422	RT41043	DIGITAL IMAGE PROCESSING	27	37	3
14JR1A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	34	3
14JR1A0422	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	44	3
14JR1A0422	RT4104A	OPTICAL COMMUNICATION	26	25	3
14JR1A0422	RT4104L	V L S I LAB	23	47	2
14JR1A0422	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
14JR1A0423	RT41041	VLSI DESIGN	24	27	3
14JR1A0423	RT41042	COMPUTER NETWORKS	21	24	3
14JR1A0423	RT41043	DIGITAL IMAGE PROCESSING	23	17	0
14JR1A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
14JR1A0423	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	34	3
14JR1A0423	RT4104A	OPTICAL COMMUNICATION	20	39	3
14JR1A0423	RT4104L	V L S I LAB	23	46	2
14JR1A0423	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0424	RT41041	VLSI DESIGN	28	41	3
14JR1A0424	RT41042	COMPUTER NETWORKS	22	56	3
14JR1A0424	RT41043	DIGITAL IMAGE PROCESSING	28	65	3
14JR1A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
14JR1A0424	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	46	3
14JR1A0424	RT4104A	OPTICAL COMMUNICATION	21	39	3
14JR1A0424	RT4104L	V L S I LAB	23	47	2
14JR1A0424	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2
14JR1A0425	RT41041	VLSI DESIGN	27	13	0
14JR1A0425	RT41042	COMPUTER NETWORKS	21	35	3
14JR1A0425	RT41043	DIGITAL IMAGE PROCESSING	19	48	3
14JR1A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	33	3
14JR1A0425	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	38	3
14JR1A0425	RT4104A	OPTICAL COMMUNICATION	21	8	0
14JR1A0425	RT4104L	V L S I LAB	23	47	2
14JR1A0425	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A0426	RT41041	VLSI DESIGN	22	15	0
14JR1A0426	RT41042	COMPUTER NETWORKS	20	39	3
14JR1A0426	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
14JR1A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	34	3
14JR1A0426	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	39	3
14JR1A0426	RT4104A	OPTICAL COMMUNICATION	23	25	3
14JR1A0426	RT4104L	V L S I LAB	22	48	2
14JR1A0426	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A0427	RT41041	VLSI DESIGN	26	39	3
14JR1A0427	RT41042	COMPUTER NETWORKS	22	50	3
14JR1A0427	RT41043	DIGITAL IMAGE PROCESSING	26	47	3
14JR1A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	47	3
14JR1A0427	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	34	3
14JR1A0427	RT4104A	OPTICAL COMMUNICATION	23	57	3
14JR1A0427	RT4104L	V L S I LAB	25	50	2
14JR1A0427	RT4104M	MICROWAVE ENGINEERING LAB	21	48	2
14JR1A0428	RT41041	VLSI DESIGN	23	51	3
14JR1A0428	RT41042	COMPUTER NETWORKS	20	49	3
14JR1A0428	RT41043	DIGITAL IMAGE PROCESSING	21	46	3
14JR1A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	24	3
14JR1A0428	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	38	3
14JR1A0428	RT4104A	OPTICAL COMMUNICATION	23	34	3
14JR1A0428	RT4104L	V L S I LAB	23	47	2
14JR1A0428	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A0429	RT41041	VLSI DESIGN	27	49	3
14JR1A0429	RT41042	COMPUTER NETWORKS	22	55	3
14JR1A0429	RT41043	DIGITAL IMAGE PROCESSING	25	66	3
14JR1A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	40	3
14JR1A0429	RT41045	ELECTRONIC SWITCHING SYSTEMS	28	42	3
14JR1A0429	RT4104A	OPTICAL COMMUNICATION	23	33	3
14JR1A0429	RT4104L	V L S I LAB	25	50	2
14JR1A0429	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
14JR1A0430	RT41041	VLSI DESIGN	24	47	3
14JR1A0430	RT41042	COMPUTER NETWORKS	26	36	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0430	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
14JR1A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	34	3
14JR1A0430	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	37	3
14JR1A0430	RT4104A	OPTICAL COMMUNICATION	23	31	3
14JR1A0430	RT4104L	V L S I LAB	23	47	2
14JR1A0430	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
14JR1A0431	RT41041	VLSI DESIGN	20	24	3
14JR1A0431	RT41042	COMPUTER NETWORKS	22	43	3
14JR1A0431	RT41043	DIGITAL IMAGE PROCESSING	21	39	3
14JR1A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	50	3
14JR1A0431	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	35	3
14JR1A0431	RT4104A	OPTICAL COMMUNICATION	23	51	3
14JR1A0431	RT4104L	V L S I LAB	22	47	2
14JR1A0431	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A0432	RT41041	VLSI DESIGN	25	48	3
14JR1A0432	RT41042	COMPUTER NETWORKS	27	58	3
14JR1A0432	RT41043	DIGITAL IMAGE PROCESSING	26	48	3
14JR1A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	39	3
14JR1A0432	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	44	3
14JR1A0432	RT4104A	OPTICAL COMMUNICATION	21	51	3
14JR1A0432	RT4104L	V L S I LAB	23	48	2
14JR1A0432	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
14JR1A0433	RT41041	VLSI DESIGN	25	30	3
14JR1A0433	RT41042	COMPUTER NETWORKS	28	37	3
14JR1A0433	RT41043	DIGITAL IMAGE PROCESSING	24	48	3
14JR1A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	40	3
14JR1A0433	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	39	3
14JR1A0433	RT4104A	OPTICAL COMMUNICATION	22	24	3
14JR1A0433	RT4104L	V L S I LAB	22	47	2
14JR1A0433	RT4104M	MICROWAVE ENGINEERING LAB	18	45	2
14JR1A0434	RT41041	VLSI DESIGN	24	40	3
14JR1A0434	RT41042	COMPUTER NETWORKS	25	46	3
14JR1A0434	RT41043	DIGITAL IMAGE PROCESSING	26	27	3
14JR1A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	29	3
14JR1A0434	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	35	3
14JR1A0434	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0434	RT4104L	V L S I LAB	23	48	2
14JR1A0434	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0435	RT41041	VLSI DESIGN	18	24	3
14JR1A0435	RT41042	COMPUTER NETWORKS	21	37	3
14JR1A0435	RT41043	DIGITAL IMAGE PROCESSING	21	33	3
14JR1A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	35	3
14JR1A0435	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	34	3
14JR1A0435	RT4104A	OPTICAL COMMUNICATION	19	26	3
14JR1A0435	RT4104L	V L S I LAB	23	46	2
14JR1A0435	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A0436	RT41041	VLSI DESIGN	26	47	3
14JR1A0436	RT41042	COMPUTER NETWORKS	25	55	3
14JR1A0436	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
14JR1A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0436	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	38	3
14JR1A0436	RT4104A	OPTICAL COMMUNICATION	26	53	3
14JR1A0436	RT4104L	V L S I LAB	25	50	2
14JR1A0436	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
14JR1A0438	RT41041	VLSI DESIGN	22	32	3
14JR1A0438	RT41042	COMPUTER NETWORKS	23	36	3
14JR1A0438	RT41043	DIGITAL IMAGE PROCESSING	25	47	3
14JR1A0438	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
14JR1A0438	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	31	3
14JR1A0438	RT4104A	OPTICAL COMMUNICATION	23	24	3
14JR1A0438	RT4104L	V L S I LAB	23	46	2
14JR1A0438	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
14JR1A0439	RT41041	VLSI DESIGN	21	28	3
14JR1A0439	RT41042	COMPUTER NETWORKS	25	40	3
14JR1A0439	RT41043	DIGITAL IMAGE PROCESSING	18	38	3
14JR1A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	28	3
14JR1A0439	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	33	3
14JR1A0439	RT4104A	OPTICAL COMMUNICATION	21	17	0
14JR1A0439	RT4104L	V L S I LAB	23	47	2
14JR1A0439	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A0440	RT41041	VLSI DESIGN	19	24	3
14JR1A0440	RT41042	COMPUTER NETWORKS	23	25	3
14JR1A0440	RT41043	DIGITAL IMAGE PROCESSING	19	49	3
14JR1A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	40	3
14JR1A0440	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	37	3
14JR1A0440	RT4104A	OPTICAL COMMUNICATION	23	53	3
14JR1A0440	RT4104L	V L S I LAB	22	46	2
14JR1A0440	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0441	RT41041	VLSI DESIGN	23	35	3
14JR1A0441	RT41042	COMPUTER NETWORKS	21	29	3
14JR1A0441	RT41043	DIGITAL IMAGE PROCESSING	22	4	0
14JR1A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3
14JR1A0441	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	32	3
14JR1A0441	RT4104A	OPTICAL COMMUNICATION	22	24	3
14JR1A0441	RT4104L	V L S I LAB	23	45	2
14JR1A0441	RT4104M	MICROWAVE ENGINEERING LAB	16	42	2
14JR1A0442	RT41041	VLSI DESIGN	18	10	0
14JR1A0442	RT41042	COMPUTER NETWORKS	18	34	3
14JR1A0442	RT41043	DIGITAL IMAGE PROCESSING	20	27	3
14JR1A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	19	0
14JR1A0442	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	29	3
14JR1A0442	RT4104A	OPTICAL COMMUNICATION	20	24	3
14JR1A0442	RT4104L	V L S I LAB	20	44	2
14JR1A0442	RT4104M	MICROWAVE ENGINEERING LAB	17	42	2
14JR1A0444	RT41041	VLSI DESIGN	22	27	3
14JR1A0444	RT41042	COMPUTER NETWORKS	19	35	3
14JR1A0444	RT41043	DIGITAL IMAGE PROCESSING	21	38	3
14JR1A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	29	3
14JR1A0444	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	30	3
14JR1A0444	RT4104A	OPTICAL COMMUNICATION	22	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0444	RT4104L	V L S I LAB	23	48	2
14JR1A0444	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A0445	RT41041	VLSI DESIGN	23	24	3
14JR1A0445	RT41042	COMPUTER NETWORKS	23	42	3
14JR1A0445	RT41043	DIGITAL IMAGE PROCESSING	24	54	3
14JR1A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	47	3
14JR1A0445	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	34	3
14JR1A0445	RT4104A	OPTICAL COMMUNICATION	22	54	3
14JR1A0445	RT4104L	V L S I LAB	21	48	2
14JR1A0445	RT4104M	MICROWAVE ENGINEERING LAB	17	44	2
14JR1A0446	RT41041	VLSI DESIGN	26	43	3
14JR1A0446	RT41042	COMPUTER NETWORKS	25	50	3
14JR1A0446	RT41043	DIGITAL IMAGE PROCESSING	22	40	3
14JR1A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	44	3
14JR1A0446	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	41	3
14JR1A0446	RT4104A	OPTICAL COMMUNICATION	24	43	3
14JR1A0446	RT4104L	V L S I LAB	21	48	2
14JR1A0446	RT4104M	MICROWAVE ENGINEERING LAB	22	39	2
14JR1A0447	RT41041	VLSI DESIGN	24	30	3
14JR1A0447	RT41042	COMPUTER NETWORKS	24	49	3
14JR1A0447	RT41043	DIGITAL IMAGE PROCESSING	26	58	3
14JR1A0447	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	38	3
14JR1A0447	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	39	3
14JR1A0447	RT4104A	OPTICAL COMMUNICATION	25	32	3
14JR1A0447	RT4104L	V L S I LAB	24	50	2
14JR1A0447	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
14JR1A0448	RT41041	VLSI DESIGN	24	39	3
14JR1A0448	RT41042	COMPUTER NETWORKS	23	44	3
14JR1A0448	RT41043	DIGITAL IMAGE PROCESSING	26	36	3
14JR1A0448	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	30	3
14JR1A0448	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	41	3
14JR1A0448	RT4104A	OPTICAL COMMUNICATION	23	25	3
14JR1A0448	RT4104L	V L S I LAB	22	46	2
14JR1A0448	RT4104M	MICROWAVE ENGINEERING LAB	17	44	2
14JR1A0449	RT41041	VLSI DESIGN	26	34	3
14JR1A0449	RT41042	COMPUTER NETWORKS	20	44	3
14JR1A0449	RT41043	DIGITAL IMAGE PROCESSING	26	49	3
14JR1A0449	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	52	3
14JR1A0449	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	36	3
14JR1A0449	RT4104A	OPTICAL COMMUNICATION	23	47	3
14JR1A0449	RT4104L	V L S I LAB	24	49	2
14JR1A0449	RT4104M	MICROWAVE ENGINEERING LAB	20	50	2
14JR1A0450	RT41041	VLSI DESIGN	24	43	3
14JR1A0450	RT41042	COMPUTER NETWORKS	24	48	3
14JR1A0450	RT41043	DIGITAL IMAGE PROCESSING	17	33	3
14JR1A0450	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	35	3
14JR1A0450	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	37	3
14JR1A0450	RT4104A	OPTICAL COMMUNICATION	20	45	3
14JR1A0450	RT4104L	V L S I LAB	23	47	2
14JR1A0450	RT4104M	MICROWAVE ENGINEERING LAB	14	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0451	RT41041	VLSI DESIGN	24	31	3
14JR1A0451	RT41042	COMPUTER NETWORKS	21	45	3
14JR1A0451	RT41043	DIGITAL IMAGE PROCESSING	25	33	3
14JR1A0451	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
14JR1A0451	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	24	3
14JR1A0451	RT4104A	OPTICAL COMMUNICATION	23	24	3
14JR1A0451	RT4104L	V L S I LAB	23	48	2
14JR1A0451	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0452	RT41041	VLSI DESIGN	22	26	3
14JR1A0452	RT41042	COMPUTER NETWORKS	20	24	3
14JR1A0452	RT41043	DIGITAL IMAGE PROCESSING	26	31	3
14JR1A0452	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	25	3
14JR1A0452	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	25	3
14JR1A0452	RT4104A	OPTICAL COMMUNICATION	20	31	3
14JR1A0452	RT4104L	V L S I LAB	23	47	2
14JR1A0452	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
14JR1A0453	RT41041	VLSI DESIGN	22	50	3
14JR1A0453	RT41042	COMPUTER NETWORKS	22	40	3
14JR1A0453	RT41043	DIGITAL IMAGE PROCESSING	22	39	3
14JR1A0453	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	50	3
14JR1A0453	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	33	3
14JR1A0453	RT4104A	OPTICAL COMMUNICATION	23	58	3
14JR1A0453	RT4104L	V L S I LAB	23	49	2
14JR1A0453	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
14JR1A0454	RT41041	VLSI DESIGN	21	31	3
14JR1A0454	RT41042	COMPUTER NETWORKS	21	25	3
14JR1A0454	RT41043	DIGITAL IMAGE PROCESSING	26	24	3
14JR1A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	36	3
14JR1A0454	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	15	0
14JR1A0454	RT4104A	OPTICAL COMMUNICATION	17	24	3
14JR1A0454	RT4104L	V L S I LAB	22	46	2
14JR1A0454	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
14JR1A0456	RT41041	VLSI DESIGN	22	15	0
14JR1A0456	RT41042	COMPUTER NETWORKS	24	42	3
14JR1A0456	RT41043	DIGITAL IMAGE PROCESSING	26	24	3
14JR1A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	32	3
14JR1A0456	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	25	3
14JR1A0456	RT4104A	OPTICAL COMMUNICATION	18	3	0
14JR1A0456	RT4104L	V L S I LAB	22	47	2
14JR1A0456	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A0457	RT41041	VLSI DESIGN	27	46	3
14JR1A0457	RT41042	COMPUTER NETWORKS	25	40	3
14JR1A0457	RT41043	DIGITAL IMAGE PROCESSING	26	43	3
14JR1A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	33	3
14JR1A0457	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	28	3
14JR1A0457	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0457	RT4104L	V L S I LAB	23	49	2
14JR1A0457	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A0458	RT41041	VLSI DESIGN	23	37	3
14JR1A0458	RT41042	COMPUTER NETWORKS	22	36	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0458	RT41043	DIGITAL IMAGE PROCESSING	24	42	3
14JR1A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	44	3
14JR1A0458	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	25	3
14JR1A0458	RT4104A	OPTICAL COMMUNICATION	23	48	3
14JR1A0458	RT4104L	V L S I LAB	21	45	2
14JR1A0458	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
14JR1A0459	RT41041	VLSI DESIGN	18	48	3
14JR1A0459	RT41042	COMPUTER NETWORKS	20	37	3
14JR1A0459	RT41043	DIGITAL IMAGE PROCESSING	25	16	0
14JR1A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
14JR1A0459	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	29	3
14JR1A0459	RT4104A	OPTICAL COMMUNICATION	22	41	3
14JR1A0459	RT4104L	V L S I LAB	22	45	2
14JR1A0459	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
14JR1A0460	RT41041	VLSI DESIGN	26	31	3
14JR1A0460	RT41042	COMPUTER NETWORKS	20	48	3
14JR1A0460	RT41043	DIGITAL IMAGE PROCESSING	26	67	3
14JR1A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	40	3
14JR1A0460	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	31	3
14JR1A0460	RT4104A	OPTICAL COMMUNICATION	23	24	3
14JR1A0460	RT4104L	V L S I LAB	24	48	2
14JR1A0460	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
14JR1A0461	RT41041	VLSI DESIGN	22	42	3
14JR1A0461	RT41042	COMPUTER NETWORKS	23	39	3
14JR1A0461	RT41043	DIGITAL IMAGE PROCESSING	27	26	3
14JR1A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	26	3
14JR1A0461	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	30	3
14JR1A0461	RT4104A	OPTICAL COMMUNICATION	25	25	3
14JR1A0461	RT4104L	V L S I LAB	23	47	2
14JR1A0461	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0462	RT41041	VLSI DESIGN	18	32	3
14JR1A0462	RT41042	COMPUTER NETWORKS	21	34	3
14JR1A0462	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
14JR1A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	43	3
14JR1A0462	RT41045	ELECTRONIC SWITCHING SYSTEMS	17	24	3
14JR1A0462	RT4104A	OPTICAL COMMUNICATION	18	47	3
14JR1A0462	RT4104L	V L S I LAB	22	46	2
14JR1A0462	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A0463	RT41041	VLSI DESIGN	24	36	3
14JR1A0463	RT41042	COMPUTER NETWORKS	25	40	3
14JR1A0463	RT41043	DIGITAL IMAGE PROCESSING	26	26	3
14JR1A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	37	3
14JR1A0463	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	30	3
14JR1A0463	RT4104A	OPTICAL COMMUNICATION	25	40	3
14JR1A0463	RT4104L	V L S I LAB	23	49	2
14JR1A0463	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
14JR1A0464	RT41041	VLSI DESIGN	23	30	3
14JR1A0464	RT41042	COMPUTER NETWORKS	22	41	3
14JR1A0464	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
14JR1A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	36	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0464	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	27	3
14JR1A0464	RT4104A	OPTICAL COMMUNICATION	21	30	3
14JR1A0464	RT4104L	V L S I LAB	22	47	2
14JR1A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0465	RT41041	VLSI DESIGN	26	42	3
14JR1A0465	RT41042	COMPUTER NETWORKS	22	31	3
14JR1A0465	RT41043	DIGITAL IMAGE PROCESSING	27	41	3
14JR1A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	41	3
14JR1A0465	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	35	3
14JR1A0465	RT4104A	OPTICAL COMMUNICATION	23	24	3
14JR1A0465	RT4104L	V L S I LAB	23	48	2
14JR1A0465	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
14JR1A0466	RT41041	VLSI DESIGN	23	26	3
14JR1A0466	RT41042	COMPUTER NETWORKS	23	35	3
14JR1A0466	RT41043	DIGITAL IMAGE PROCESSING	29	9	0
14JR1A0466	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	50	3
14JR1A0466	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	35	3
14JR1A0466	RT4104A	OPTICAL COMMUNICATION	21	51	3
14JR1A0466	RT4104L	V L S I LAB	21	47	2
14JR1A0466	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0467	RT41041	VLSI DESIGN	24	41	3
14JR1A0467	RT41042	COMPUTER NETWORKS	22	34	3
14JR1A0467	RT41043	DIGITAL IMAGE PROCESSING	26	33	3
14JR1A0467	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	40	3
14JR1A0467	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	27	3
14JR1A0467	RT4104A	OPTICAL COMMUNICATION	23	32	3
14JR1A0467	RT4104L	V L S I LAB	22	48	2
14JR1A0467	RT4104M	MICROWAVE ENGINEERING LAB	20	41	2
14JR1A0468	RT41041	VLSI DESIGN	16	30	3
14JR1A0468	RT41042	COMPUTER NETWORKS	20	44	3
14JR1A0468	RT41043	DIGITAL IMAGE PROCESSING	27	24	3
14JR1A0468	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	32	3
14JR1A0468	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	25	3
14JR1A0468	RT4104A	OPTICAL COMMUNICATION	20	10	0
14JR1A0468	RT4104L	V L S I LAB	21	47	2
14JR1A0468	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A0469	RT41041	VLSI DESIGN	20	27	3
14JR1A0469	RT41042	COMPUTER NETWORKS	24	16	0
14JR1A0469	RT41043	DIGITAL IMAGE PROCESSING	26	25	3
14JR1A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
14JR1A0469	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	26	3
14JR1A0469	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A0469	RT4104L	V L S I LAB	20	46	2
14JR1A0469	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A0470	RT41041	VLSI DESIGN	21	34	3
14JR1A0470	RT41042	COMPUTER NETWORKS	21	36	3
14JR1A0470	RT41043	DIGITAL IMAGE PROCESSING	22	7	0
14JR1A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	44	3
14JR1A0470	RT41045	ELECTRONIC SWITCHING SYSTEMS	27	34	3
14JR1A0470	RT4104A	OPTICAL COMMUNICATION	20	47	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0470	RT4104L	V L S I LAB	21	48	2
14JR1A0470	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A0471	RT41041	VLSI DESIGN	19	41	3
14JR1A0471	RT41042	COMPUTER NETWORKS	23	41	3
14JR1A0471	RT41043	DIGITAL IMAGE PROCESSING	26	31	3
14JR1A0471	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
14JR1A0471	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	32	3
14JR1A0471	RT4104A	OPTICAL COMMUNICATION	23	43	3
14JR1A0471	RT4104L	V L S I LAB	20	47	2
14JR1A0471	RT4104M	MICROWAVE ENGINEERING LAB	23	50	2
14JR1A0472	RT41041	VLSI DESIGN	26	36	3
14JR1A0472	RT41042	COMPUTER NETWORKS	28	40	3
14JR1A0472	RT41043	DIGITAL IMAGE PROCESSING	25	41	3
14JR1A0472	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	37	3
14JR1A0472	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	33	3
14JR1A0472	RT4104A	OPTICAL COMMUNICATION	20	24	3
14JR1A0472	RT4104L	V L S I LAB	24	49	2
14JR1A0472	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
14JR1A0473	RT41041	VLSI DESIGN	22	24	3
14JR1A0473	RT41042	COMPUTER NETWORKS	19	17	0
14JR1A0473	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
14JR1A0473	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	29	3
14JR1A0473	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	24	3
14JR1A0473	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A0473	RT4104L	V L S I LAB	20	46	2
14JR1A0473	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0474	RT41041	VLSI DESIGN	18	24	3
14JR1A0474	RT41042	COMPUTER NETWORKS	18	27	3
14JR1A0474	RT41043	DIGITAL IMAGE PROCESSING	22	16	0
14JR1A0474	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	32	3
14JR1A0474	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	15	0
14JR1A0474	RT4104A	OPTICAL COMMUNICATION	20	46	3
14JR1A0474	RT4104L	V L S I LAB	19	45	2
14JR1A0474	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
14JR1A0475	RT41041	VLSI DESIGN	22	46	3
14JR1A0475	RT41042	COMPUTER NETWORKS	23	29	3
14JR1A0475	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
14JR1A0475	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	47	3
14JR1A0475	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	30	3
14JR1A0475	RT4104A	OPTICAL COMMUNICATION	21	26	3
14JR1A0475	RT4104L	V L S I LAB	22	48	2
14JR1A0475	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A0476	RT41041	VLSI DESIGN	17	16	0
14JR1A0476	RT41042	COMPUTER NETWORKS	17	37	3
14JR1A0476	RT41043	DIGITAL IMAGE PROCESSING	22	48	3
14JR1A0476	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
14JR1A0476	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	24	3
14JR1A0476	RT4104A	OPTICAL COMMUNICATION	20	30	3
14JR1A0476	RT4104L	V L S I LAB	22	47	2
14JR1A0476	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0478	RT41041	VLSI DESIGN	22	39	3
14JR1A0478	RT41042	COMPUTER NETWORKS	25	40	3
14JR1A0478	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
14JR1A0478	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	32	3
14JR1A0478	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	35	3
14JR1A0478	RT4104A	OPTICAL COMMUNICATION	22	31	3
14JR1A0478	RT4104L	V L S I LAB	22	47	2
14JR1A0478	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A0479	RT41041	VLSI DESIGN	20	32	3
14JR1A0479	RT41042	COMPUTER NETWORKS	25	36	3
14JR1A0479	RT41043	DIGITAL IMAGE PROCESSING	26	31	3
14JR1A0479	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	49	3
14JR1A0479	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	27	3
14JR1A0479	RT4104A	OPTICAL COMMUNICATION	22	65	3
14JR1A0479	RT4104L	V L S I LAB	23	48	2
14JR1A0479	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
14JR1A0480	RT41041	VLSI DESIGN	22	45	3
14JR1A0480	RT41042	COMPUTER NETWORKS	26	30	3
14JR1A0480	RT41043	DIGITAL IMAGE PROCESSING	26	13	0
14JR1A0480	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	31	3
14JR1A0480	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	25	3
14JR1A0480	RT4104A	OPTICAL COMMUNICATION	20	38	3
14JR1A0480	RT4104L	V L S I LAB	22	46	2
14JR1A0480	RT4104M	MICROWAVE ENGINEERING LAB	16	46	2
14JR1A0481	RT41041	VLSI DESIGN	26	50	3
14JR1A0481	RT41042	COMPUTER NETWORKS	26	45	3
14JR1A0481	RT41043	DIGITAL IMAGE PROCESSING	27	70	3
14JR1A0481	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	54	3
14JR1A0481	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	34	3
14JR1A0481	RT4104A	OPTICAL COMMUNICATION	22	42	3
14JR1A0481	RT4104L	V L S I LAB	25	50	2
14JR1A0481	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
14JR1A0482	RT41041	VLSI DESIGN	24	49	3
14JR1A0482	RT41042	COMPUTER NETWORKS	23	51	3
14JR1A0482	RT41043	DIGITAL IMAGE PROCESSING	22	41	3
14JR1A0482	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	33	3
14JR1A0482	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	36	3
14JR1A0482	RT4104A	OPTICAL COMMUNICATION	24	33	3
14JR1A0482	RT4104L	V L S I LAB	23	48	2
14JR1A0482	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0483	RT41041	VLSI DESIGN	22	47	3
14JR1A0483	RT41042	COMPUTER NETWORKS	20	38	3
14JR1A0483	RT41043	DIGITAL IMAGE PROCESSING	23	13	0
14JR1A0483	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	56	3
14JR1A0483	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	25	3
14JR1A0483	RT4104A	OPTICAL COMMUNICATION	20	50	3
14JR1A0483	RT4104L	V L S I LAB	21	47	2
14JR1A0483	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0484	RT41041	VLSI DESIGN	21	43	3
14JR1A0484	RT41042	COMPUTER NETWORKS	19	27	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0484	RT41043	DIGITAL IMAGE PROCESSING	26	35	3
14JR1A0484	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	41	3
14JR1A0484	RT41045	ELECTRONIC SWITCHING SYSTEMS	27	27	3
14JR1A0484	RT4104A	OPTICAL COMMUNICATION	20	27	3
14JR1A0484	RT4104L	V L S I LAB	20	47	2
14JR1A0484	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
14JR1A0485	RT41041	VLSI DESIGN	23	37	3
14JR1A0485	RT41042	COMPUTER NETWORKS	21	40	3
14JR1A0485	RT41043	DIGITAL IMAGE PROCESSING	29	34	3
14JR1A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	37	3
14JR1A0485	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	32	3
14JR1A0485	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0485	RT4104L	V L S I LAB	21	46	2
14JR1A0485	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
14JR1A0486	RT41041	VLSI DESIGN	23	36	3
14JR1A0486	RT41042	COMPUTER NETWORKS	21	32	3
14JR1A0486	RT41043	DIGITAL IMAGE PROCESSING	24	40	3
14JR1A0486	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
14JR1A0486	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	27	3
14JR1A0486	RT4104A	OPTICAL COMMUNICATION	22	36	3
14JR1A0486	RT4104L	V L S I LAB	22	47	2
14JR1A0486	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
14JR1A0487	RT41041	VLSI DESIGN	17	10	0
14JR1A0487	RT41042	COMPUTER NETWORKS	16	24	3
14JR1A0487	RT41043	DIGITAL IMAGE PROCESSING	15	8	0
14JR1A0487	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	34	3
14JR1A0487	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	17	0
14JR1A0487	RT4104A	OPTICAL COMMUNICATION	19	50	3
14JR1A0487	RT4104L	V L S I LAB	18	45	2
14JR1A0487	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
14JR1A0488	RT41041	VLSI DESIGN	20	38	3
14JR1A0488	RT41042	COMPUTER NETWORKS	24	25	3
14JR1A0488	RT41043	DIGITAL IMAGE PROCESSING	23	7	0
14JR1A0488	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	24	3
14JR1A0488	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	26	3
14JR1A0488	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A0488	RT4104L	V L S I LAB	20	46	2
14JR1A0488	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0489	RT41041	VLSI DESIGN	23	45	3
14JR1A0489	RT41042	COMPUTER NETWORKS	24	49	3
14JR1A0489	RT41043	DIGITAL IMAGE PROCESSING	21	46	3
14JR1A0489	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	48	3
14JR1A0489	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	43	3
14JR1A0489	RT4104A	OPTICAL COMMUNICATION	23	30	3
14JR1A0489	RT4104L	V L S I LAB	21	48	2
14JR1A0489	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A0490	RT41041	VLSI DESIGN	22	40	3
14JR1A0490	RT41042	COMPUTER NETWORKS	26	39	3
14JR1A0490	RT41043	DIGITAL IMAGE PROCESSING	26	28	3
14JR1A0490	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	32	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0490	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	27	3
14JR1A0490	RT4104A	OPTICAL COMMUNICATION	21	33	3
14JR1A0490	RT4104L	V L S I LAB	20	47	2
14JR1A0490	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A0491	RT41041	VLSI DESIGN	22	34	3
14JR1A0491	RT41042	COMPUTER NETWORKS	24	40	3
14JR1A0491	RT41043	DIGITAL IMAGE PROCESSING	27	35	3
14JR1A0491	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	53	3
14JR1A0491	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	29	3
14JR1A0491	RT4104A	OPTICAL COMMUNICATION	22	57	3
14JR1A0491	RT4104L	V L S I LAB	21	47	2
14JR1A0491	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
14JR1A0492	RT41041	VLSI DESIGN	23	56	3
14JR1A0492	RT41042	COMPUTER NETWORKS	21	49	3
14JR1A0492	RT41043	DIGITAL IMAGE PROCESSING	27	31	3
14JR1A0492	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	49	3
14JR1A0492	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	40	3
14JR1A0492	RT4104A	OPTICAL COMMUNICATION	22	39	3
14JR1A0492	RT4104L	V L S I LAB	24	49	2
14JR1A0492	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
14JR1A0493	RT41041	VLSI DESIGN	23	28	3
14JR1A0493	RT41042	COMPUTER NETWORKS	23	49	3
14JR1A0493	RT41043	DIGITAL IMAGE PROCESSING	30	43	3
14JR1A0493	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	31	3
14JR1A0493	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	37	3
14JR1A0493	RT4104A	OPTICAL COMMUNICATION	24	24	3
14JR1A0493	RT4104L	V L S I LAB	23	47	2
14JR1A0493	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A0494	RT41041	VLSI DESIGN	22	45	3
14JR1A0494	RT41042	COMPUTER NETWORKS	24	31	3
14JR1A0494	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
14JR1A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	34	3
14JR1A0494	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	32	3
14JR1A0494	RT4104A	OPTICAL COMMUNICATION	22	31	3
14JR1A0494	RT4104L	V L S I LAB	20	47	2
14JR1A0494	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
14JR1A0495	RT41041	VLSI DESIGN	19	26	3
14JR1A0495	RT41042	COMPUTER NETWORKS	16	32	3
14JR1A0495	RT41043	DIGITAL IMAGE PROCESSING	24	18	0
14JR1A0495	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	41	3
14JR1A0495	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	18	0
14JR1A0495	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A0495	RT4104L	V L S I LAB	18	44	2
14JR1A0495	RT4104M	MICROWAVE ENGINEERING LAB	19	43	2
14JR1A0496	RT41041	VLSI DESIGN	17	46	3
14JR1A0496	RT41042	COMPUTER NETWORKS	22	28	3
14JR1A0496	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
14JR1A0496	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	31	3
14JR1A0496	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	32	3
14JR1A0496	RT4104A	OPTICAL COMMUNICATION	18	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0496	RT4104L	V L S I LAB	19	45	2
14JR1A0496	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A0497	RT41041	VLSI DESIGN	22	30	3
14JR1A0497	RT41042	COMPUTER NETWORKS	20	43	3
14JR1A0497	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
14JR1A0497	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
14JR1A0497	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	27	3
14JR1A0497	RT4104A	OPTICAL COMMUNICATION	21	24	3
14JR1A0497	RT4104L	V L S I LAB	21	48	2
14JR1A0497	RT4104M	MICROWAVE ENGINEERING LAB	18	45	2
14JR1A0498	RT41041	VLSI DESIGN	19	24	3
14JR1A0498	RT41042	COMPUTER NETWORKS	18	17	0
14JR1A0498	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
14JR1A0498	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	18	0
14JR1A0498	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	24	3
14JR1A0498	RT4104A	OPTICAL COMMUNICATION	17	8	0
14JR1A0498	RT4104L	V L S I LAB	18	45	2
14JR1A0498	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
14JR1A0499	RT41041	VLSI DESIGN	18	42	3
14JR1A0499	RT41042	COMPUTER NETWORKS	20	36	3
14JR1A0499	RT41043	DIGITAL IMAGE PROCESSING	20	6	0
14JR1A0499	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	29	3
14JR1A0499	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	32	3
14JR1A0499	RT4104A	OPTICAL COMMUNICATION	16	53	3
14JR1A0499	RT4104L	V L S I LAB	19	47	2
14JR1A0499	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
14JR1A04A0	RT41041	VLSI DESIGN	19	47	3
14JR1A04A0	RT41042	COMPUTER NETWORKS	23	35	3
14JR1A04A0	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
14JR1A04A0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	35	3
14JR1A04A0	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	26	3
14JR1A04A0	RT4104A	OPTICAL COMMUNICATION	19	28	3
14JR1A04A0	RT4104L	V L S I LAB	20	45	2
14JR1A04A0	RT4104M	MICROWAVE ENGINEERING LAB	18	43	2
14JR1A04A1	RT41041	VLSI DESIGN	19	31	3
14JR1A04A1	RT41042	COMPUTER NETWORKS	20	39	3
14JR1A04A1	RT41043	DIGITAL IMAGE PROCESSING	25	62	3
14JR1A04A1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	34	3
14JR1A04A1	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	27	3
14JR1A04A1	RT4104A	OPTICAL COMMUNICATION	16	36	3
14JR1A04A1	RT4104L	V L S I LAB	20	46	2
14JR1A04A1	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A04A2	RT41041	VLSI DESIGN	23	41	3
14JR1A04A2	RT41042	COMPUTER NETWORKS	24	33	3
14JR1A04A2	RT41043	DIGITAL IMAGE PROCESSING	25	43	3
14JR1A04A2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	30	3
14JR1A04A2	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	36	3
14JR1A04A2	RT4104A	OPTICAL COMMUNICATION	19	31	3
14JR1A04A2	RT4104L	V L S I LAB	20	47	2
14JR1A04A2	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04A3	RT41041	VLSI DESIGN	21	24	3
14JR1A04A3	RT41042	COMPUTER NETWORKS	20	36	3
14JR1A04A3	RT41043	DIGITAL IMAGE PROCESSING	23	36	3
14JR1A04A3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3
14JR1A04A3	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	31	3
14JR1A04A3	RT4104A	OPTICAL COMMUNICATION	20	44	3
14JR1A04A3	RT4104L	V L S I LAB	20	47	2
14JR1A04A3	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A04A4	RT41041	VLSI DESIGN	20	41	3
14JR1A04A4	RT41042	COMPUTER NETWORKS	23	29	3
14JR1A04A4	RT41043	DIGITAL IMAGE PROCESSING	26	14	0
14JR1A04A4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	25	3
14JR1A04A4	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	32	3
14JR1A04A4	RT4104A	OPTICAL COMMUNICATION	21	43	3
14JR1A04A4	RT4104L	V L S I LAB	20	45	2
14JR1A04A4	RT4104M	MICROWAVE ENGINEERING LAB	18	43	2
14JR1A04A5	RT41041	VLSI DESIGN	25	42	3
14JR1A04A5	RT41042	COMPUTER NETWORKS	18	39	3
14JR1A04A5	RT41043	DIGITAL IMAGE PROCESSING	24	63	3
14JR1A04A5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	40	3
14JR1A04A5	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	30	3
14JR1A04A5	RT4104A	OPTICAL COMMUNICATION	22	32	3
14JR1A04A5	RT4104L	V L S I LAB	20	45	2
14JR1A04A5	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A04A6	RT41041	VLSI DESIGN	17	30	3
14JR1A04A6	RT41042	COMPUTER NETWORKS	22	16	0
14JR1A04A6	RT41043	DIGITAL IMAGE PROCESSING	21	30	3
14JR1A04A6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	33	3
14JR1A04A6	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	30	3
14JR1A04A6	RT4104A	OPTICAL COMMUNICATION	15	31	3
14JR1A04A6	RT4104L	V L S I LAB	22	47	2
14JR1A04A6	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A04A7	RT41041	VLSI DESIGN	22	28	3
14JR1A04A7	RT41042	COMPUTER NETWORKS	22	35	3
14JR1A04A7	RT41043	DIGITAL IMAGE PROCESSING	21	33	3
14JR1A04A7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	50	3
14JR1A04A7	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	31	3
14JR1A04A7	RT4104A	OPTICAL COMMUNICATION	17	44	3
14JR1A04A7	RT4104L	V L S I LAB	19	46	2
14JR1A04A7	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A04A8	RT41041	VLSI DESIGN	17	44	3
14JR1A04A8	RT41042	COMPUTER NETWORKS	16	32	3
14JR1A04A8	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
14JR1A04A8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	20	0
14JR1A04A8	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	38	3
14JR1A04A8	RT4104A	OPTICAL COMMUNICATION	17	37	3
14JR1A04A8	RT4104L	V L S I LAB	21	46	2
14JR1A04A8	RT4104M	MICROWAVE ENGINEERING LAB	16	46	2
14JR1A04A9	RT41041	VLSI DESIGN	24	51	3
14JR1A04A9	RT41042	COMPUTER NETWORKS	25	38	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04A9	RT41043	DIGITAL IMAGE PROCESSING	24	58	3
14JR1A04A9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	27	3
14JR1A04A9	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	28	3
14JR1A04A9	RT4104A	OPTICAL COMMUNICATION	20	39	3
14JR1A04A9	RT4104L	V L S I LAB	19	47	2
14JR1A04A9	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04B0	RT41041	VLSI DESIGN	25	40	3
14JR1A04B0	RT41042	COMPUTER NETWORKS	23	31	3
14JR1A04B0	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
14JR1A04B0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	28	3
14JR1A04B0	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	33	3
14JR1A04B0	RT4104A	OPTICAL COMMUNICATION	18	8	0
14JR1A04B0	RT4104L	V L S I LAB	21	49	2
14JR1A04B0	RT4104M	MICROWAVE ENGINEERING LAB	16	47	2
14JR1A04B3	RT41041	VLSI DESIGN	18	27	3
14JR1A04B3	RT41042	COMPUTER NETWORKS	19	33	3
14JR1A04B3	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
14JR1A04B3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	42	3
14JR1A04B3	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	32	3
14JR1A04B3	RT4104A	OPTICAL COMMUNICATION	19	40	3
14JR1A04B3	RT4104L	V L S I LAB	23	47	2
14JR1A04B3	RT4104M	MICROWAVE ENGINEERING LAB	12	40	2
14JR1A04B4	RT41041	VLSI DESIGN	24	43	3
14JR1A04B4	RT41042	COMPUTER NETWORKS	22	34	3
14JR1A04B4	RT41043	DIGITAL IMAGE PROCESSING	26	51	3
14JR1A04B4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	32	3
14JR1A04B4	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	32	3
14JR1A04B4	RT4104A	OPTICAL COMMUNICATION	19	32	3
14JR1A04B4	RT4104L	V L S I LAB	22	47	2
14JR1A04B4	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A04B5	RT41041	VLSI DESIGN	18	13	0
14JR1A04B5	RT41042	COMPUTER NETWORKS	18	35	3
14JR1A04B5	RT41043	DIGITAL IMAGE PROCESSING	23	35	3
14JR1A04B5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	11	0
14JR1A04B5	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	30	3
14JR1A04B5	RT4104A	OPTICAL COMMUNICATION	18	3	0
14JR1A04B5	RT4104L	V L S I LAB	23	47	2
14JR1A04B5	RT4104M	MICROWAVE ENGINEERING LAB	17	44	2
14JR1A04B6	RT41041	VLSI DESIGN	17	30	3
14JR1A04B6	RT41042	COMPUTER NETWORKS	18	17	0
14JR1A04B6	RT41043	DIGITAL IMAGE PROCESSING	22	27	3
14JR1A04B6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	24	3
14JR1A04B6	RT41045	ELECTRONIC SWITCHING SYSTEMS	16	32	3
14JR1A04B6	RT4104A	OPTICAL COMMUNICATION	18	13	0
14JR1A04B6	RT4104L	V L S I LAB	22	46	2
14JR1A04B6	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A04B7	RT41041	VLSI DESIGN	20	32	3
14JR1A04B7	RT41042	COMPUTER NETWORKS	21	41	3
14JR1A04B7	RT41043	DIGITAL IMAGE PROCESSING	27	36	3
14JR1A04B7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	45	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04B7	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	36	3
14JR1A04B7	RT4104A	OPTICAL COMMUNICATION	25	44	3
14JR1A04B7	RT4104L	V L S I LAB	22	47	2
14JR1A04B7	RT4104M	MICROWAVE ENGINEERING LAB	24	50	2
14JR1A04B8	RT41041	VLSI DESIGN	24	35	3
14JR1A04B8	RT41042	COMPUTER NETWORKS	24	42	3
14JR1A04B8	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
14JR1A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	31	3
14JR1A04B8	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	37	3
14JR1A04B8	RT4104A	OPTICAL COMMUNICATION	20	40	3
14JR1A04B8	RT4104L	V L S I LAB	23	48	2
14JR1A04B8	RT4104M	MICROWAVE ENGINEERING LAB	25	47	2
14JR1A04B9	RT41041	VLSI DESIGN	23	36	3
14JR1A04B9	RT41042	COMPUTER NETWORKS	22	41	3
14JR1A04B9	RT41043	DIGITAL IMAGE PROCESSING	28	41	3
14JR1A04B9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	25	3
14JR1A04B9	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	32	3
14JR1A04B9	RT4104A	OPTICAL COMMUNICATION	22	43	3
14JR1A04B9	RT4104L	V L S I LAB	21	45	2
14JR1A04B9	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A04C0	RT41041	VLSI DESIGN	24	53	3
14JR1A04C0	RT41042	COMPUTER NETWORKS	24	46	3
14JR1A04C0	RT41043	DIGITAL IMAGE PROCESSING	24	40	3
14JR1A04C0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	37	3
14JR1A04C0	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	43	3
14JR1A04C0	RT4104A	OPTICAL COMMUNICATION	22	38	3
14JR1A04C0	RT4104L	V L S I LAB	25	50	2
14JR1A04C0	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
14JR1A04C1	RT41041	VLSI DESIGN	25	26	3
14JR1A04C1	RT41042	COMPUTER NETWORKS	22	42	3
14JR1A04C1	RT41043	DIGITAL IMAGE PROCESSING	27	39	3
14JR1A04C1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	39	3
14JR1A04C1	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	31	3
14JR1A04C1	RT4104A	OPTICAL COMMUNICATION	19	42	3
14JR1A04C1	RT4104L	V L S I LAB	21	46	2
14JR1A04C1	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
14JR1A04C2	RT41041	VLSI DESIGN	14	10	0
14JR1A04C2	RT41042	COMPUTER NETWORKS	17	13	0
14JR1A04C2	RT41043	DIGITAL IMAGE PROCESSING	20	6	0
14JR1A04C2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	15	0
14JR1A04C2	RT41045	ELECTRONIC SWITCHING SYSTEMS	16	27	3
14JR1A04C2	RT4104A	OPTICAL COMMUNICATION	14	6	0
14JR1A04C2	RT4104L	V L S I LAB	12	40	2
14JR1A04C2	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
14JR1A04C3	RT41041	VLSI DESIGN	22	29	3
14JR1A04C3	RT41042	COMPUTER NETWORKS	23	38	3
14JR1A04C3	RT41043	DIGITAL IMAGE PROCESSING	21	58	3
14JR1A04C3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	32	3
14JR1A04C3	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	36	3
14JR1A04C3	RT4104A	OPTICAL COMMUNICATION	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04C3	RT4104L	V L S I LAB	21	46	2
14JR1A04C3	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
14JR1A04C4	RT41041	VLSI DESIGN	26	47	3
14JR1A04C4	RT41042	COMPUTER NETWORKS	24	25	3
14JR1A04C4	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
14JR1A04C4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	32	3
14JR1A04C4	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	38	3
14JR1A04C4	RT4104A	OPTICAL COMMUNICATION	23	25	3
14JR1A04C4	RT4104L	V L S I LAB	22	46	2
14JR1A04C4	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A04C5	RT41041	VLSI DESIGN	23	32	3
14JR1A04C5	RT41042	COMPUTER NETWORKS	26	46	3
14JR1A04C5	RT41043	DIGITAL IMAGE PROCESSING	23	57	3
14JR1A04C5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	51	3
14JR1A04C5	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	62	3
14JR1A04C5	RT4104A	OPTICAL COMMUNICATION	21	53	3
14JR1A04C5	RT4104L	V L S I LAB	21	47	2
14JR1A04C5	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A04C6	RT41041	VLSI DESIGN	23	38	3
14JR1A04C6	RT41042	COMPUTER NETWORKS	21	17	0
14JR1A04C6	RT41043	DIGITAL IMAGE PROCESSING	22	28	3
14JR1A04C6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	25	3
14JR1A04C6	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	29	3
14JR1A04C6	RT4104A	OPTICAL COMMUNICATION	18	13	0
14JR1A04C6	RT4104L	V L S I LAB	23	47	2
14JR1A04C6	RT4104M	MICROWAVE ENGINEERING LAB	18	47	2
14JR1A04C7	RT41041	VLSI DESIGN	21	29	3
14JR1A04C7	RT41042	COMPUTER NETWORKS	19	24	3
14JR1A04C7	RT41043	DIGITAL IMAGE PROCESSING	21	39	3
14JR1A04C7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
14JR1A04C7	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	36	3
14JR1A04C7	RT4104A	OPTICAL COMMUNICATION	19	10	0
14JR1A04C7	RT4104L	V L S I LAB	20	46	2
14JR1A04C7	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A04C8	RT41041	VLSI DESIGN	22	25	3
14JR1A04C8	RT41042	COMPUTER NETWORKS	20	24	3
14JR1A04C8	RT41043	DIGITAL IMAGE PROCESSING	23	30	3
14JR1A04C8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	28	3
14JR1A04C8	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	39	3
14JR1A04C8	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A04C8	RT4104L	V L S I LAB	21	47	2
14JR1A04C8	RT4104M	MICROWAVE ENGINEERING LAB	20	50	2
14JR1A04C9	RT41041	VLSI DESIGN	20	24	3
14JR1A04C9	RT41042	COMPUTER NETWORKS	17	35	3
14JR1A04C9	RT41043	DIGITAL IMAGE PROCESSING	25	16	0
14JR1A04C9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3
14JR1A04C9	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	34	3
14JR1A04C9	RT4104A	OPTICAL COMMUNICATION	19	31	3
14JR1A04C9	RT4104L	V L S I LAB	20	47	2
14JR1A04C9	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04D0	RT41041	VLSI DESIGN	21	34	3
14JR1A04D0	RT41042	COMPUTER NETWORKS	16	14	0
14JR1A04D0	RT41043	DIGITAL IMAGE PROCESSING	21	12	0
14JR1A04D0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	24	3
14JR1A04D0	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	32	3
14JR1A04D0	RT4104A	OPTICAL COMMUNICATION	16	25	3
14JR1A04D0	RT4104L	V L S I LAB	20	46	2
14JR1A04D0	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04D1	RT41041	VLSI DESIGN	23	42	3
14JR1A04D1	RT41042	COMPUTER NETWORKS	18	38	3
14JR1A04D1	RT41043	DIGITAL IMAGE PROCESSING	22	54	3
14JR1A04D1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	31	3
14JR1A04D1	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	41	3
14JR1A04D1	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A04D1	RT4104L	V L S I LAB	21	47	2
14JR1A04D1	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A04D2	RT41041	VLSI DESIGN	20	47	3
14JR1A04D2	RT41042	COMPUTER NETWORKS	20	31	3
14JR1A04D2	RT41043	DIGITAL IMAGE PROCESSING	21	32	3
14JR1A04D2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
14JR1A04D2	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	40	3
14JR1A04D2	RT4104A	OPTICAL COMMUNICATION	19	13	0
14JR1A04D2	RT4104L	V L S I LAB	21	47	2
14JR1A04D2	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04D3	RT41041	VLSI DESIGN	22	26	3
14JR1A04D3	RT41042	COMPUTER NETWORKS	26	45	3
14JR1A04D3	RT41043	DIGITAL IMAGE PROCESSING	25	42	3
14JR1A04D3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	52	3
14JR1A04D3	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	38	3
14JR1A04D3	RT4104A	OPTICAL COMMUNICATION	24	52	3
14JR1A04D3	RT4104L	V L S I LAB	22	48	2
14JR1A04D3	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A04D4	RT41041	VLSI DESIGN	27	41	3
14JR1A04D4	RT41042	COMPUTER NETWORKS	20	39	3
14JR1A04D4	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
14JR1A04D4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	31	3
14JR1A04D4	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	34	3
14JR1A04D4	RT4104A	OPTICAL COMMUNICATION	18	40	3
14JR1A04D4	RT4104L	V L S I LAB	23	49	2
14JR1A04D4	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04D5	RT41041	VLSI DESIGN	26	45	3
14JR1A04D5	RT41042	COMPUTER NETWORKS	22	49	3
14JR1A04D5	RT41043	DIGITAL IMAGE PROCESSING	28	60	3
14JR1A04D5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	42	3
14JR1A04D5	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	45	3
14JR1A04D5	RT4104A	OPTICAL COMMUNICATION	20	16	0
14JR1A04D5	RT4104L	V L S I LAB	24	49	2
14JR1A04D5	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
14JR1A04D6	RT41041	VLSI DESIGN	24	47	3
14JR1A04D6	RT41042	COMPUTER NETWORKS	20	44	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04D6	RT41043	DIGITAL IMAGE PROCESSING	25	38	3
14JR1A04D6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	40	3
14JR1A04D6	RT41045	ELECTRONIC SWITCHING SYSTEMS	27	47	3
14JR1A04D6	RT4104A	OPTICAL COMMUNICATION	21	43	3
14JR1A04D6	RT4104L	V L S I LAB	25	49	2
14JR1A04D6	RT4104M	MICROWAVE ENGINEERING LAB	23	50	2
14JR1A04D7	RT41041	VLSI DESIGN	23	31	3
14JR1A04D7	RT41042	COMPUTER NETWORKS	20	43	3
14JR1A04D7	RT41043	DIGITAL IMAGE PROCESSING	22	47	3
14JR1A04D7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	50	3
14JR1A04D7	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	48	3
14JR1A04D7	RT4104A	OPTICAL COMMUNICATION	21	48	3
14JR1A04D7	RT4104L	V L S I LAB	21	46	2
14JR1A04D7	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
14JR1A04D8	RT41041	VLSI DESIGN	25	36	3
14JR1A04D8	RT41042	COMPUTER NETWORKS	18	30	3
14JR1A04D8	RT41043	DIGITAL IMAGE PROCESSING	25	16	0
14JR1A04D8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	36	3
14JR1A04D8	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	27	3
14JR1A04D8	RT4104A	OPTICAL COMMUNICATION	18	25	3
14JR1A04D8	RT4104L	V L S I LAB	21	46	2
14JR1A04D8	RT4104M	MICROWAVE ENGINEERING LAB	19	46	2
14JR1A04D9	RT41041	VLSI DESIGN	25	39	3
14JR1A04D9	RT41042	COMPUTER NETWORKS	22	46	3
14JR1A04D9	RT41043	DIGITAL IMAGE PROCESSING	26	53	3
14JR1A04D9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	42	3
14JR1A04D9	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	32	3
14JR1A04D9	RT4104A	OPTICAL COMMUNICATION	21	11	0
14JR1A04D9	RT4104L	V L S I LAB	22	47	2
14JR1A04D9	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
14JR1A04E0	RT41041	VLSI DESIGN	20	46	3
14JR1A04E0	RT41042	COMPUTER NETWORKS	22	24	3
14JR1A04E0	RT41043	DIGITAL IMAGE PROCESSING	26	37	3
14JR1A04E0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	33	3
14JR1A04E0	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	30	3
14JR1A04E0	RT4104A	OPTICAL COMMUNICATION	23	36	3
14JR1A04E0	RT4104L	V L S I LAB	22	47	2
14JR1A04E0	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04E1	RT41041	VLSI DESIGN	19	24	3
14JR1A04E1	RT41042	COMPUTER NETWORKS	24	26	3
14JR1A04E1	RT41043	DIGITAL IMAGE PROCESSING	21	42	3
14JR1A04E1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	46	3
14JR1A04E1	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	29	3
14JR1A04E1	RT4104A	OPTICAL COMMUNICATION	23	52	3
14JR1A04E1	RT4104L	V L S I LAB	18	46	2
14JR1A04E1	RT4104M	MICROWAVE ENGINEERING LAB	18	48	2
14JR1A04E2	RT41041	VLSI DESIGN	20	40	3
14JR1A04E2	RT41042	COMPUTER NETWORKS	24	35	3
14JR1A04E2	RT41043	DIGITAL IMAGE PROCESSING	23	36	3
14JR1A04E2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A04E2	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	30	3
14JR1A04E2	RT4104A	OPTICAL COMMUNICATION	22	45	3
14JR1A04E2	RT4104L	V L S I LAB	19	45	2
14JR1A04E2	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A04E3	RT41041	VLSI DESIGN	21	45	3
14JR1A04E3	RT41042	COMPUTER NETWORKS	22	54	3
14JR1A04E3	RT41043	DIGITAL IMAGE PROCESSING	26	59	3
14JR1A04E3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	40	3
14JR1A04E3	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	39	3
14JR1A04E3	RT4104A	OPTICAL COMMUNICATION	25	25	3
14JR1A04E3	RT4104L	V L S I LAB	18	45	2
14JR1A04E3	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04E4	RT41041	VLSI DESIGN	23	47	3
14JR1A04E4	RT41042	COMPUTER NETWORKS	15	35	3
14JR1A04E4	RT41043	DIGITAL IMAGE PROCESSING	23	37	3
14JR1A04E4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	30	3
14JR1A04E4	RT41045	ELECTRONIC SWITCHING SYSTEMS	27	36	3
14JR1A04E4	RT4104A	OPTICAL COMMUNICATION	23	31	3
14JR1A04E4	RT4104L	V L S I LAB	23	48	2
14JR1A04E4	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A04E5	RT41041	VLSI DESIGN	20	27	3
14JR1A04E5	RT41042	COMPUTER NETWORKS	22	33	3
14JR1A04E5	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
14JR1A04E5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	48	3
14JR1A04E5	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	33	3
14JR1A04E5	RT4104A	OPTICAL COMMUNICATION	22	49	3
14JR1A04E5	RT4104L	V L S I LAB	22	47	2
14JR1A04E5	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04E6	RT41041	VLSI DESIGN	25	45	3
14JR1A04E6	RT41042	COMPUTER NETWORKS	23	33	3
14JR1A04E6	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
14JR1A04E6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	35	3
14JR1A04E6	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	34	3
14JR1A04E6	RT4104A	OPTICAL COMMUNICATION	20	39	3
14JR1A04E6	RT4104L	V L S I LAB	21	47	2
14JR1A04E6	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
14JR1A04E7	RT41041	VLSI DESIGN	22	45	3
14JR1A04E7	RT41042	COMPUTER NETWORKS	20	45	3
14JR1A04E7	RT41043	DIGITAL IMAGE PROCESSING	22	66	3
14JR1A04E7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	40	3
14JR1A04E7	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	33	3
14JR1A04E7	RT4104A	OPTICAL COMMUNICATION	17	33	3
14JR1A04E7	RT4104L	V L S I LAB	18	46	2
14JR1A04E7	RT4104M	MICROWAVE ENGINEERING LAB	20	50	2
14JR1A04E8	RT41041	VLSI DESIGN	24	40	3
14JR1A04E8	RT41042	COMPUTER NETWORKS	20	42	3
14JR1A04E8	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
14JR1A04E8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	34	3
14JR1A04E8	RT41045	ELECTRONIC SWITCHING SYSTEMS	28	33	3
14JR1A04E8	RT4104A	OPTICAL COMMUNICATION	23	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04E8	RT4104L	V L S I LAB	11	44	2
14JR1A04E8	RT4104M	MICROWAVE ENGINEERING LAB	19	47	2
14JR1A04E9	RT41041	VLSI DESIGN	19	35	3
14JR1A04E9	RT41042	COMPUTER NETWORKS	22	41	3
14JR1A04E9	RT41043	DIGITAL IMAGE PROCESSING	23	34	3
14JR1A04E9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	50	3
14JR1A04E9	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	40	3
14JR1A04E9	RT4104A	OPTICAL COMMUNICATION	22	56	3
14JR1A04E9	RT4104L	V L S I LAB	18	45	2
14JR1A04E9	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A04F0	RT41041	VLSI DESIGN	22	48	3
14JR1A04F0	RT41042	COMPUTER NETWORKS	23	38	3
14JR1A04F0	RT41043	DIGITAL IMAGE PROCESSING	24	31	3
14JR1A04F0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
14JR1A04F0	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	33	3
14JR1A04F0	RT4104A	OPTICAL COMMUNICATION	21	37	3
14JR1A04F0	RT4104L	V L S I LAB	22	48	2
14JR1A04F0	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
14JR1A04F1	RT41041	VLSI DESIGN	24	16	0
14JR1A04F1	RT41042	COMPUTER NETWORKS	24	43	3
14JR1A04F1	RT41043	DIGITAL IMAGE PROCESSING	24	41	3
14JR1A04F1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	42	3
14JR1A04F1	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	39	3
14JR1A04F1	RT4104A	OPTICAL COMMUNICATION	21	32	3
14JR1A04F1	RT4104L	V L S I LAB	21	48	2
14JR1A04F1	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A04F2	RT41041	VLSI DESIGN	25	47	3
14JR1A04F2	RT41042	COMPUTER NETWORKS	23	51	3
14JR1A04F2	RT41043	DIGITAL IMAGE PROCESSING	24	39	3
14JR1A04F2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	30	3
14JR1A04F2	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	42	3
14JR1A04F2	RT4104A	OPTICAL COMMUNICATION	22	25	3
14JR1A04F2	RT4104L	V L S I LAB	23	49	2
14JR1A04F2	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2
14JR1A04F3	RT41041	VLSI DESIGN	22	40	3
14JR1A04F3	RT41042	COMPUTER NETWORKS	16	42	3
14JR1A04F3	RT41043	DIGITAL IMAGE PROCESSING	22	31	3
14JR1A04F3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	54	3
14JR1A04F3	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	35	3
14JR1A04F3	RT4104A	OPTICAL COMMUNICATION	20	56	3
14JR1A04F3	RT4104L	V L S I LAB	22	47	2
14JR1A04F3	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A04F4	RT41041	VLSI DESIGN	18	24	3
14JR1A04F4	RT41042	COMPUTER NETWORKS	20	14	0
14JR1A04F4	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
14JR1A04F4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	30	3
14JR1A04F4	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	30	3
14JR1A04F4	RT4104A	OPTICAL COMMUNICATION	19	38	3
14JR1A04F4	RT4104L	V L S I LAB	21	45	2
14JR1A04F4	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04F5	RT41041	VLSI DESIGN	19	37	3
14JR1A04F5	RT41042	COMPUTER NETWORKS	20	24	3
14JR1A04F5	RT41043	DIGITAL IMAGE PROCESSING	24	34	3
14JR1A04F5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	30	3
14JR1A04F5	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	36	3
14JR1A04F5	RT4104A	OPTICAL COMMUNICATION	19	38	3
14JR1A04F5	RT4104L	V L S I LAB	20	48	2
14JR1A04F5	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2
14JR1A04F6	RT41041	VLSI DESIGN	18	37	3
14JR1A04F6	RT41042	COMPUTER NETWORKS	19	31	3
14JR1A04F6	RT41043	DIGITAL IMAGE PROCESSING	17	34	3
14JR1A04F6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	33	3
14JR1A04F6	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	34	3
14JR1A04F6	RT4104A	OPTICAL COMMUNICATION	17	31	3
14JR1A04F6	RT4104L	V L S I LAB	18	40	2
14JR1A04F6	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
14JR1A04F7	RT41041	VLSI DESIGN	22	24	3
14JR1A04F7	RT41042	COMPUTER NETWORKS	20	37	3
14JR1A04F7	RT41043	DIGITAL IMAGE PROCESSING	24	34	3
14JR1A04F7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	28	3
14JR1A04F7	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	33	3
14JR1A04F7	RT4104A	OPTICAL COMMUNICATION	19	17	0
14JR1A04F7	RT4104L	V L S I LAB	19	46	2
14JR1A04F7	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
14JR1A04F8	RT41041	VLSI DESIGN	19	43	3
14JR1A04F8	RT41042	COMPUTER NETWORKS	21	25	3
14JR1A04F8	RT41043	DIGITAL IMAGE PROCESSING	25	40	3
14JR1A04F8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3
14JR1A04F8	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	32	3
14JR1A04F8	RT4104A	OPTICAL COMMUNICATION	17	43	3
14JR1A04F8	RT4104L	V L S I LAB	20	46	2
14JR1A04F8	RT4104M	MICROWAVE ENGINEERING LAB	25	50	2
14JR1A04F9	RT41041	VLSI DESIGN	18	13	0
14JR1A04F9	RT41042	COMPUTER NETWORKS	18	17	0
14JR1A04F9	RT41043	DIGITAL IMAGE PROCESSING	19	34	3
14JR1A04F9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	12	0
14JR1A04F9	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	31	3
14JR1A04F9	RT4104A	OPTICAL COMMUNICATION	18	11	0
14JR1A04F9	RT4104L	V L S I LAB	18	45	2
14JR1A04F9	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
14JR1A04G0	RT41041	VLSI DESIGN	20	44	3
14JR1A04G0	RT41042	COMPUTER NETWORKS	20	14	0
14JR1A04G0	RT41043	DIGITAL IMAGE PROCESSING	26	32	3
14JR1A04G0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	44	3
14JR1A04G0	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	36	3
14JR1A04G0	RT4104A	OPTICAL COMMUNICATION	19	34	3
14JR1A04G0	RT4104L	V L S I LAB	21	47	2
14JR1A04G0	RT4104M	MICROWAVE ENGINEERING LAB	21	50	2
14JR1A04G1	RT41041	VLSI DESIGN	17	28	3
14JR1A04G1	RT41042	COMPUTER NETWORKS	17	40	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04G1	RT41043	DIGITAL IMAGE PROCESSING	20	44	3
14JR1A04G1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	40	3
14JR1A04G1	RT41045	ELECTRONIC SWITCHING SYSTEMS	18	31	3
14JR1A04G1	RT4104A	OPTICAL COMMUNICATION	19	11	0
14JR1A04G1	RT4104L	V L S I LAB	20	47	2
14JR1A04G1	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A04G2	RT41041	VLSI DESIGN	18	32	3
14JR1A04G2	RT41042	COMPUTER NETWORKS	15	12	0
14JR1A04G2	RT41043	DIGITAL IMAGE PROCESSING	17	11	0
14JR1A04G2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
14JR1A04G2	RT41045	ELECTRONIC SWITCHING SYSTEMS	16	31	3
14JR1A04G2	RT4104A	OPTICAL COMMUNICATION	16	24	3
14JR1A04G2	RT4104L	V L S I LAB	18	46	2
14JR1A04G2	RT4104M	MICROWAVE ENGINEERING LAB	18	20	2
14JR1A04G3	RT41041	VLSI DESIGN	19	32	3
14JR1A04G3	RT41042	COMPUTER NETWORKS	20	36	3
14JR1A04G3	RT41043	DIGITAL IMAGE PROCESSING	23	26	3
14JR1A04G3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	37	3
14JR1A04G3	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	34	3
14JR1A04G3	RT4104A	OPTICAL COMMUNICATION	20	30	3
14JR1A04G3	RT4104L	V L S I LAB	20	46	2
14JR1A04G3	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
14JR1A04G4	RT41041	VLSI DESIGN	21	34	3
14JR1A04G4	RT41042	COMPUTER NETWORKS	23	25	3
14JR1A04G4	RT41043	DIGITAL IMAGE PROCESSING	24	31	3
14JR1A04G4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	33	3
14JR1A04G4	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	41	3
14JR1A04G4	RT4104A	OPTICAL COMMUNICATION	18	45	3
14JR1A04G4	RT4104L	V L S I LAB	21	47	2
14JR1A04G4	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A04G5	RT41041	VLSI DESIGN	13	11	0
14JR1A04G5	RT41042	COMPUTER NETWORKS	9	31	3
14JR1A04G5	RT41043	DIGITAL IMAGE PROCESSING	16	6	0
14JR1A04G5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	12	15	0
14JR1A04G5	RT41045	ELECTRONIC SWITCHING SYSTEMS	20	29	3
14JR1A04G5	RT4104A	OPTICAL COMMUNICATION	11	11	0
14JR1A04G5	RT4104L	V L S I LAB	18	44	2
14JR1A04G5	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A04G6	RT41041	VLSI DESIGN	18	35	3
14JR1A04G6	RT41042	COMPUTER NETWORKS	19	11	0
14JR1A04G6	RT41043	DIGITAL IMAGE PROCESSING	24	36	3
14JR1A04G6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	27	3
14JR1A04G6	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	25	3
14JR1A04G6	RT4104A	OPTICAL COMMUNICATION	17	45	3
14JR1A04G6	RT4104L	V L S I LAB	21	46	2
14JR1A04G6	RT4104M	MICROWAVE ENGINEERING LAB	18	46	2
14JR1A04G8	RT41041	VLSI DESIGN	19	42	3
14JR1A04G8	RT41042	COMPUTER NETWORKS	23	40	3
14JR1A04G8	RT41043	DIGITAL IMAGE PROCESSING	20	27	3
14JR1A04G8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	34	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04G8	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	34	3
14JR1A04G8	RT4104A	OPTICAL COMMUNICATION	17	32	3
14JR1A04G8	RT4104L	V L S I LAB	22	47	2
14JR1A04G8	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
14JR1A04G9	RT41041	VLSI DESIGN	21	37	3
14JR1A04G9	RT41042	COMPUTER NETWORKS	21	36	3
14JR1A04G9	RT41043	DIGITAL IMAGE PROCESSING	23	37	3
14JR1A04G9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	41	3
14JR1A04G9	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	31	3
14JR1A04G9	RT4104A	OPTICAL COMMUNICATION	17	45	3
14JR1A04G9	RT4104L	V L S I LAB	23	48	2
14JR1A04G9	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
14JR1A04H0	RT41041	VLSI DESIGN	19	24	3
14JR1A04H0	RT41042	COMPUTER NETWORKS	18	26	3
14JR1A04H0	RT41043	DIGITAL IMAGE PROCESSING	19	0	0
14JR1A04H0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	17	0
14JR1A04H0	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	30	3
14JR1A04H0	RT4104A	OPTICAL COMMUNICATION	19	24	3
14JR1A04H0	RT4104L	V L S I LAB	23	46	2
14JR1A04H0	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
14JR1A04H1	RT41041	VLSI DESIGN	22	35	3
14JR1A04H1	RT41042	COMPUTER NETWORKS	23	30	3
14JR1A04H1	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
14JR1A04H1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	31	3
14JR1A04H1	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	34	3
14JR1A04H1	RT4104A	OPTICAL COMMUNICATION	20	44	3
14JR1A04H1	RT4104L	V L S I LAB	22	46	2
14JR1A04H1	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A04H2	RT41041	VLSI DESIGN	18	16	0
14JR1A04H2	RT41042	COMPUTER NETWORKS	19	9	0
14JR1A04H2	RT41043	DIGITAL IMAGE PROCESSING	21	27	3
14JR1A04H2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	32	3
14JR1A04H2	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	33	3
14JR1A04H2	RT4104A	OPTICAL COMMUNICATION	17	13	0
14JR1A04H2	RT4104L	V L S I LAB	21	46	2
14JR1A04H2	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A04H3	RT41041	VLSI DESIGN	15	26	3
14JR1A04H3	RT41042	COMPUTER NETWORKS	21	16	0
14JR1A04H3	RT41043	DIGITAL IMAGE PROCESSING	18	33	3
14JR1A04H3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	27	3
14JR1A04H3	RT41045	ELECTRONIC SWITCHING SYSTEMS	16	27	3
14JR1A04H3	RT4104A	OPTICAL COMMUNICATION	19	2	0
14JR1A04H3	RT4104L	V L S I LAB	18	45	2
14JR1A04H3	RT4104M	MICROWAVE ENGINEERING LAB	18	44	2
14JR1A04H4	RT41041	VLSI DESIGN	27	38	3
14JR1A04H4	RT41042	COMPUTER NETWORKS	27	37	3
14JR1A04H4	RT41043	DIGITAL IMAGE PROCESSING	24	44	3
14JR1A04H4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	39	3
14JR1A04H4	RT41045	ELECTRONIC SWITCHING SYSTEMS	27	38	3
14JR1A04H4	RT4104A	OPTICAL COMMUNICATION	23	51	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A04H4	RT4104L	V L S I LAB	23	49	2
14JR1A04H4	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
14JR1A04H5	RT41041	VLSI DESIGN	20	33	3
14JR1A04H5	RT41042	COMPUTER NETWORKS	20	24	3
14JR1A04H5	RT41043	DIGITAL IMAGE PROCESSING	24	34	3
14JR1A04H5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	26	3
14JR1A04H5	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	26	3
14JR1A04H5	RT4104A	OPTICAL COMMUNICATION	18	35	3
14JR1A04H5	RT4104L	V L S I LAB	20	45	2
14JR1A04H5	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
14JR1A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	39	3
14JR1A0501	RT41052	UML AND DESIGN PATTERNS	26	52	3
14JR1A0501	RT41053	MOBILE COMPUTING	29	31	3
14JR1A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
14JR1A0501	RT4105B	HADOOP AND BIG DATA	25	54	3
14JR1A0501	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
14JR1A0501	RT4105N	SOFTWARE TESTING LAB	25	48	2
14JR1A0501	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
14JR1A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	30	3
14JR1A0502	RT41052	UML AND DESIGN PATTERNS	26	24	3
14JR1A0502	RT41053	MOBILE COMPUTING	22	28	3
14JR1A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
14JR1A0502	RT4105B	HADOOP AND BIG DATA	21	38	3
14JR1A0502	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A0502	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A0502	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
14JR1A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	54	3
14JR1A0503	RT41052	UML AND DESIGN PATTERNS	20	32	3
14JR1A0503	RT41053	MOBILE COMPUTING	25	48	3
14JR1A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	24	32	3
14JR1A0503	RT4105B	HADOOP AND BIG DATA	20	42	3
14JR1A0503	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0503	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0503	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	43	3
14JR1A0504	RT41052	UML AND DESIGN PATTERNS	26	32	3
14JR1A0504	RT41053	MOBILE COMPUTING	22	28	3
14JR1A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
14JR1A0504	RT4105B	HADOOP AND BIG DATA	18	40	3
14JR1A0504	RT4105L	UML AND DESIGN PATTERNS LAB	21	47	2
14JR1A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
14JR1A0504	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0504	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	16	0
14JR1A0505	RT41052	UML AND DESIGN PATTERNS	19	0	0
14JR1A0505	RT41053	MOBILE COMPUTING	22	14	0
14JR1A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	23	15	0

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0505	RT4105B	HADOOP AND BIG DATA	19	29	3
14JR1A0505	RT4105L	UML AND DESIGN PATTERNS LAB	18	45	2
14JR1A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0505	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0505	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
14JR1A0506	RT41052	UML AND DESIGN PATTERNS	26	42	3
14JR1A0506	RT41053	MOBILE COMPUTING	27	33	3
14JR1A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	20	44	3
14JR1A0506	RT4105B	HADOOP AND BIG DATA	21	47	3
14JR1A0506	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
14JR1A0506	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0506	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
14JR1A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	49	3
14JR1A0507	RT41052	UML AND DESIGN PATTERNS	25	42	3
14JR1A0507	RT41053	MOBILE COMPUTING	25	26	3
14JR1A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	24	39	3
14JR1A0507	RT4105B	HADOOP AND BIG DATA	21	46	3
14JR1A0507	RT4105L	UML AND DESIGN PATTERNS LAB	22	49	2
14JR1A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
14JR1A0507	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0507	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
14JR1A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	45	3
14JR1A0508	RT41052	UML AND DESIGN PATTERNS	26	35	3
14JR1A0508	RT41053	MOBILE COMPUTING	28	43	3
14JR1A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	22	41	3
14JR1A0508	RT4105B	HADOOP AND BIG DATA	23	48	3
14JR1A0508	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0508	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A0508	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
14JR1A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
14JR1A0509	RT41052	UML AND DESIGN PATTERNS	27	48	3
14JR1A0509	RT41053	MOBILE COMPUTING	26	29	3
14JR1A0509	RT41054	SOFTWARE TESTING METHODOLOGIES	26	33	3
14JR1A0509	RT4105B	HADOOP AND BIG DATA	25	36	3
14JR1A0509	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
14JR1A0509	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A0509	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
14JR1A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	28	3
14JR1A0510	RT41052	UML AND DESIGN PATTERNS	23	37	3
14JR1A0510	RT41053	MOBILE COMPUTING	20	30	3
14JR1A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	24	32	3
14JR1A0510	RT4105B	HADOOP AND BIG DATA	19	26	3
14JR1A0510	RT4105L	UML AND DESIGN PATTERNS LAB	21	47	2
14JR1A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0510	RT4105N	SOFTWARE TESTING LAB	21	46	2
14JR1A0510	RT4105O	HADOOP AND BIGDATA LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0511	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	45	3
14JR1A0511	RT41052	UML AND DESIGN PATTERNS	26	36	3
14JR1A0511	RT41053	MOBILE COMPUTING	22	14	0
14JR1A0511	RT41054	SOFTWARE TESTING METHODOLOGIES	20	32	3
14JR1A0511	RT4105B	HADOOP AND BIG DATA	24	40	3
14JR1A0511	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A0511	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0511	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A0511	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
14JR1A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	38	3
14JR1A0512	RT41052	UML AND DESIGN PATTERNS	24	28	3
14JR1A0512	RT41053	MOBILE COMPUTING	23	26	3
14JR1A0512	RT41054	SOFTWARE TESTING METHODOLOGIES	23	40	3
14JR1A0512	RT4105B	HADOOP AND BIG DATA	18	35	3
14JR1A0512	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
14JR1A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0512	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0512	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
14JR1A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	25	3
14JR1A0513	RT41052	UML AND DESIGN PATTERNS	27	45	3
14JR1A0513	RT41053	MOBILE COMPUTING	23	18	0
14JR1A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	25	33	3
14JR1A0513	RT4105B	HADOOP AND BIG DATA	22	39	3
14JR1A0513	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
14JR1A0513	RT4105N	SOFTWARE TESTING LAB	23	49	2
14JR1A0513	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
14JR1A0514	RT41052	UML AND DESIGN PATTERNS	27	30	3
14JR1A0514	RT41053	MOBILE COMPUTING	24	39	3
14JR1A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
14JR1A0514	RT4105B	HADOOP AND BIG DATA	22	42	3
14JR1A0514	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0514	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A0514	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
14JR1A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	49	3
14JR1A0515	RT41052	UML AND DESIGN PATTERNS	28	43	3
14JR1A0515	RT41053	MOBILE COMPUTING	28	36	3
14JR1A0515	RT41054	SOFTWARE TESTING METHODOLOGIES	25	43	3
14JR1A0515	RT4105B	HADOOP AND BIG DATA	29	47	3
14JR1A0515	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0515	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A0515	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
14JR1A0516	RT41052	UML AND DESIGN PATTERNS	27	33	3
14JR1A0516	RT41053	MOBILE COMPUTING	23	26	3
14JR1A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	21	31	3
14JR1A0516	RT4105B	HADOOP AND BIG DATA	25	38	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0516	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0516	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0516	RT4105O	HADOOP AND BIGDATA LAB	19	45	2
14JR1A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
14JR1A0517	RT41052	UML AND DESIGN PATTERNS	22	37	3
14JR1A0517	RT41053	MOBILE COMPUTING	23	17	0
14JR1A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	23	30	3
14JR1A0517	RT4105B	HADOOP AND BIG DATA	19	34	3
14JR1A0517	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0517	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0517	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
14JR1A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	32	3
14JR1A0518	RT41052	UML AND DESIGN PATTERNS	24	30	3
14JR1A0518	RT41053	MOBILE COMPUTING	19	31	3
14JR1A0518	RT41054	SOFTWARE TESTING METHODOLOGIES	23	35	3
14JR1A0518	RT4105B	HADOOP AND BIG DATA	20	11	0
14JR1A0518	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0518	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0518	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
14JR1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	49	3
14JR1A0519	RT41052	UML AND DESIGN PATTERNS	24	34	3
14JR1A0519	RT41053	MOBILE COMPUTING	20	24	3
14JR1A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	21	29	3
14JR1A0519	RT4105B	HADOOP AND BIG DATA	18	45	3
14JR1A0519	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0519	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0519	RT4105O	HADOOP AND BIGDATA LAB	20	46	2
14JR1A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	33	3
14JR1A0520	RT41052	UML AND DESIGN PATTERNS	24	28	3
14JR1A0520	RT41053	MOBILE COMPUTING	24	28	3
14JR1A0520	RT41054	SOFTWARE TESTING METHODOLOGIES	27	30	3
14JR1A0520	RT4105B	HADOOP AND BIG DATA	21	38	3
14JR1A0520	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0520	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0520	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	24	3
14JR1A0521	RT41052	UML AND DESIGN PATTERNS	29	53	3
14JR1A0521	RT41053	MOBILE COMPUTING	28	24	3
14JR1A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	25	26	3
14JR1A0521	RT4105B	HADOOP AND BIG DATA	21	29	3
14JR1A0521	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
14JR1A0521	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0521	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0522	RT41052	UML AND DESIGN PATTERNS	23	35	3
14JR1A0522	RT41053	MOBILE COMPUTING	21	31	3
14JR1A0522	RT41054	SOFTWARE TESTING METHODOLOGIES	19	40	3
14JR1A0522	RT4105B	HADOOP AND BIG DATA	20	42	3
14JR1A0522	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0522	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0522	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
14JR1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	41	3
14JR1A0523	RT41052	UML AND DESIGN PATTERNS	20	31	3
14JR1A0523	RT41053	MOBILE COMPUTING	21	17	0
14JR1A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	17	31	3
14JR1A0523	RT4105B	HADOOP AND BIG DATA	17	36	3
14JR1A0523	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
14JR1A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0523	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0523	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	29	3
14JR1A0524	RT41052	UML AND DESIGN PATTERNS	24	33	3
14JR1A0524	RT41053	MOBILE COMPUTING	24	27	3
14JR1A0524	RT41054	SOFTWARE TESTING METHODOLOGIES	22	34	3
14JR1A0524	RT4105B	HADOOP AND BIG DATA	27	37	3
14JR1A0524	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
14JR1A0524	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0524	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	27	3
14JR1A0525	RT41052	UML AND DESIGN PATTERNS	20	35	3
14JR1A0525	RT41053	MOBILE COMPUTING	23	18	0
14JR1A0525	RT41054	SOFTWARE TESTING METHODOLOGIES	23	28	3
14JR1A0525	RT4105B	HADOOP AND BIG DATA	20	37	3
14JR1A0525	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0525	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A0525	RT4105O	HADOOP AND BIGDATA LAB	19	46	2
14JR1A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	32	3
14JR1A0526	RT41052	UML AND DESIGN PATTERNS	26	24	3
14JR1A0526	RT41053	MOBILE COMPUTING	21	13	0
14JR1A0526	RT41054	SOFTWARE TESTING METHODOLOGIES	26	31	3
14JR1A0526	RT4105B	HADOOP AND BIG DATA	21	41	3
14JR1A0526	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0526	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0526	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
14JR1A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	48	3
14JR1A0527	RT41052	UML AND DESIGN PATTERNS	24	30	3
14JR1A0527	RT41053	MOBILE COMPUTING	20	13	0
14JR1A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	24	29	3
14JR1A0527	RT4105B	HADOOP AND BIG DATA	22	38	3
14JR1A0527	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0527	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0527	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
14JR1A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	53	3
14JR1A0528	RT41052	UML AND DESIGN PATTERNS	27	39	3
14JR1A0528	RT41053	MOBILE COMPUTING	30	39	3
14JR1A0528	RT41054	SOFTWARE TESTING METHODOLOGIES	25	32	3
14JR1A0528	RT4105B	HADOOP AND BIG DATA	26	47	3
14JR1A0528	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0528	RT4105N	SOFTWARE TESTING LAB	22	48	2
14JR1A0528	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
14JR1A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
14JR1A0529	RT41052	UML AND DESIGN PATTERNS	25	52	3
14JR1A0529	RT41053	MOBILE COMPUTING	21	29	3
14JR1A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
14JR1A0529	RT4105B	HADOOP AND BIG DATA	21	34	3
14JR1A0529	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0529	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0529	RT4105O	HADOOP AND BIGDATA LAB	20	48	2
14JR1A0530	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	36	3
14JR1A0530	RT41052	UML AND DESIGN PATTERNS	27	31	3
14JR1A0530	RT41053	MOBILE COMPUTING	27	43	3
14JR1A0530	RT41054	SOFTWARE TESTING METHODOLOGIES	23	49	3
14JR1A0530	RT4105B	HADOOP AND BIG DATA	22	50	3
14JR1A0530	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
14JR1A0530	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0530	RT4105N	SOFTWARE TESTING LAB	24	50	2
14JR1A0530	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	54	3
14JR1A0531	RT41052	UML AND DESIGN PATTERNS	26	46	3
14JR1A0531	RT41053	MOBILE COMPUTING	22	26	3
14JR1A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	24	41	3
14JR1A0531	RT4105B	HADOOP AND BIG DATA	23	42	3
14JR1A0531	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
14JR1A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A0531	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A0531	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	41	3
14JR1A0532	RT41052	UML AND DESIGN PATTERNS	23	35	3
14JR1A0532	RT41053	MOBILE COMPUTING	23	43	3
14JR1A0532	RT41054	SOFTWARE TESTING METHODOLOGIES	25	38	3
14JR1A0532	RT4105B	HADOOP AND BIG DATA	26	43	3
14JR1A0532	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0532	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0532	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
14JR1A0533	RT41052	UML AND DESIGN PATTERNS	27	50	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0533	RT41053	MOBILE COMPUTING	22	29	3
14JR1A0533	RT41054	SOFTWARE TESTING METHODOLOGIES	25	40	3
14JR1A0533	RT4105B	HADOOP AND BIG DATA	26	37	3
14JR1A0533	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A0533	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0533	RT4105O	HADOOP AND BIGDATA LAB	20	46	2
14JR1A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
14JR1A0534	RT41052	UML AND DESIGN PATTERNS	24	30	3
14JR1A0534	RT41053	MOBILE COMPUTING	20	36	3
14JR1A0534	RT41054	SOFTWARE TESTING METHODOLOGIES	22	43	3
14JR1A0534	RT4105B	HADOOP AND BIG DATA	20	44	3
14JR1A0534	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0534	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0534	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
14JR1A0535	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	49	3
14JR1A0535	RT41052	UML AND DESIGN PATTERNS	24	41	3
14JR1A0535	RT41053	MOBILE COMPUTING	26	27	3
14JR1A0535	RT41054	SOFTWARE TESTING METHODOLOGIES	19	36	3
14JR1A0535	RT4105B	HADOOP AND BIG DATA	17	43	3
14JR1A0535	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0535	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0535	RT4105N	SOFTWARE TESTING LAB	23	44	2
14JR1A0535	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
14JR1A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	44	3
14JR1A0536	RT41052	UML AND DESIGN PATTERNS	26	33	3
14JR1A0536	RT41053	MOBILE COMPUTING	21	27	3
14JR1A0536	RT41054	SOFTWARE TESTING METHODOLOGIES	21	42	3
14JR1A0536	RT4105B	HADOOP AND BIG DATA	22	34	3
14JR1A0536	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
14JR1A0536	RT4105N	SOFTWARE TESTING LAB	22	48	2
14JR1A0536	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
14JR1A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	24	3
14JR1A0537	RT41052	UML AND DESIGN PATTERNS	19	12	0
14JR1A0537	RT41053	MOBILE COMPUTING	20	24	3
14JR1A0537	RT41054	SOFTWARE TESTING METHODOLOGIES	24	27	3
14JR1A0537	RT4105B	HADOOP AND BIG DATA	19	36	3
14JR1A0537	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
14JR1A0537	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A0537	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
14JR1A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	28	3
14JR1A0538	RT41052	UML AND DESIGN PATTERNS	22	35	3
14JR1A0538	RT41053	MOBILE COMPUTING	23	13	0
14JR1A0538	RT41054	SOFTWARE TESTING METHODOLOGIES	19	35	3
14JR1A0538	RT4105B	HADOOP AND BIG DATA	20	26	3
14JR1A0538	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0538	RT4105N	SOFTWARE TESTING LAB	22	48	2
14JR1A0538	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
14JR1A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	53	3
14JR1A0539	RT41052	UML AND DESIGN PATTERNS	25	41	3
14JR1A0539	RT41053	MOBILE COMPUTING	25	36	3
14JR1A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	24	29	3
14JR1A0539	RT4105B	HADOOP AND BIG DATA	21	45	3
14JR1A0539	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
14JR1A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0539	RT4105N	SOFTWARE TESTING LAB	25	46	2
14JR1A0539	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	44	3
14JR1A0540	RT41052	UML AND DESIGN PATTERNS	25	36	3
14JR1A0540	RT41053	MOBILE COMPUTING	24	33	3
14JR1A0540	RT41054	SOFTWARE TESTING METHODOLOGIES	26	37	3
14JR1A0540	RT4105B	HADOOP AND BIG DATA	21	33	3
14JR1A0540	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0540	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A0540	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
14JR1A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	28	3
14JR1A0541	RT41052	UML AND DESIGN PATTERNS	25	55	3
14JR1A0541	RT41053	MOBILE COMPUTING	24	29	3
14JR1A0541	RT41054	SOFTWARE TESTING METHODOLOGIES	26	29	3
14JR1A0541	RT4105B	HADOOP AND BIG DATA	22	38	3
14JR1A0541	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
14JR1A0541	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0541	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0541	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
14JR1A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	24	3
14JR1A0542	RT41052	UML AND DESIGN PATTERNS	19	29	3
14JR1A0542	RT41053	MOBILE COMPUTING	17	29	3
14JR1A0542	RT41054	SOFTWARE TESTING METHODOLOGIES	20	35	3
14JR1A0542	RT4105B	HADOOP AND BIG DATA	17	35	3
14JR1A0542	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A0542	RT4105N	SOFTWARE TESTING LAB	20	45	2
14JR1A0542	RT4105O	HADOOP AND BIGDATA LAB	19	44	2
14JR1A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	42	3
14JR1A0543	RT41052	UML AND DESIGN PATTERNS	14	35	3
14JR1A0543	RT41053	MOBILE COMPUTING	19	9	0
14JR1A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	21	29	3
14JR1A0543	RT4105B	HADOOP AND BIG DATA	21	31	3
14JR1A0543	RT4105L	UML AND DESIGN PATTERNS LAB	18	34	2
14JR1A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
14JR1A0543	RT4105N	SOFTWARE TESTING LAB	20	34	2
14JR1A0543	RT4105O	HADOOP AND BIGDATA LAB	18	35	2
14JR1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	37	3
14JR1A0544	RT41052	UML AND DESIGN PATTERNS	23	32	3
14JR1A0544	RT41053	MOBILE COMPUTING	23	30	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	25	33	3
14JR1A0544	RT4105B	HADOOP AND BIG DATA	22	40	3
14JR1A0544	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
14JR1A0544	RT4105N	SOFTWARE TESTING LAB	22	50	2
14JR1A0544	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	25	3
14JR1A0545	RT41052	UML AND DESIGN PATTERNS	26	52	3
14JR1A0545	RT41053	MOBILE COMPUTING	24	14	0
14JR1A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	24	14	0
14JR1A0545	RT4105B	HADOOP AND BIG DATA	22	30	3
14JR1A0545	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0545	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0545	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
14JR1A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	2	0
14JR1A0546	RT41052	UML AND DESIGN PATTERNS	19	32	3
14JR1A0546	RT41053	MOBILE COMPUTING	19	9	0
14JR1A0546	RT41054	SOFTWARE TESTING METHODOLOGIES	21	41	3
14JR1A0546	RT4105B	HADOOP AND BIG DATA	16	18	0
14JR1A0546	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
14JR1A0546	RT4105N	SOFTWARE TESTING LAB	21	44	2
14JR1A0546	RT4105O	HADOOP AND BIGDATA LAB	20	45	2
14JR1A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	26	3
14JR1A0547	RT41052	UML AND DESIGN PATTERNS	16	26	3
14JR1A0547	RT41053	MOBILE COMPUTING	20	12	0
14JR1A0547	RT41054	SOFTWARE TESTING METHODOLOGIES	20	29	3
14JR1A0547	RT4105B	HADOOP AND BIG DATA	16	30	3
14JR1A0547	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
14JR1A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
14JR1A0547	RT4105N	SOFTWARE TESTING LAB	21	47	2
14JR1A0547	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	31	3
14JR1A0548	RT41052	UML AND DESIGN PATTERNS	18	27	3
14JR1A0548	RT41053	MOBILE COMPUTING	21	26	3
14JR1A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	21	34	3
14JR1A0548	RT4105B	HADOOP AND BIG DATA	17	39	3
14JR1A0548	RT4105L	UML AND DESIGN PATTERNS LAB	18	44	2
14JR1A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0548	RT4105N	SOFTWARE TESTING LAB	18	46	2
14JR1A0548	RT4105O	HADOOP AND BIGDATA LAB	17	46	2
14JR1A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	15	0
14JR1A0549	RT41052	UML AND DESIGN PATTERNS	22	33	3
14JR1A0549	RT41053	MOBILE COMPUTING	17	11	0
14JR1A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	21	37	3
14JR1A0549	RT4105B	HADOOP AND BIG DATA	17	35	3
14JR1A0549	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
14JR1A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
14JR1A0549	RT4105N	SOFTWARE TESTING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0549	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	19	0
14JR1A0550	RT41052	UML AND DESIGN PATTERNS	16	34	3
14JR1A0550	RT41053	MOBILE COMPUTING	15	0	0
14JR1A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	20	28	3
14JR1A0550	RT4105B	HADOOP AND BIG DATA	13	0	0
14JR1A0550	RT4105L	UML AND DESIGN PATTERNS LAB	15	43	2
14JR1A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	13	46	2
14JR1A0550	RT4105N	SOFTWARE TESTING LAB	18	42	2
14JR1A0550	RT4105O	HADOOP AND BIGDATA LAB	16	42	2
14JR1A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	36	3
14JR1A0551	RT41052	UML AND DESIGN PATTERNS	21	35	3
14JR1A0551	RT41053	MOBILE COMPUTING	17	24	3
14JR1A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	19	13	0
14JR1A0551	RT4105B	HADOOP AND BIG DATA	19	33	3
14JR1A0551	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0551	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0551	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
14JR1A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	41	3
14JR1A0552	RT41052	UML AND DESIGN PATTERNS	26	45	3
14JR1A0552	RT41053	MOBILE COMPUTING	22	31	3
14JR1A0552	RT41054	SOFTWARE TESTING METHODOLOGIES	20	46	3
14JR1A0552	RT4105B	HADOOP AND BIG DATA	20	40	3
14JR1A0552	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0552	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A0552	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
14JR1A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	27	3
14JR1A0553	RT41052	UML AND DESIGN PATTERNS	15	32	3
14JR1A0553	RT41053	MOBILE COMPUTING	17	24	3
14JR1A0553	RT41054	SOFTWARE TESTING METHODOLOGIES	23	10	0
14JR1A0553	RT4105B	HADOOP AND BIG DATA	18	34	3
14JR1A0553	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0553	RT4105N	SOFTWARE TESTING LAB	21	43	2
14JR1A0553	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
14JR1A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	28	3
14JR1A0554	RT41052	UML AND DESIGN PATTERNS	27	42	3
14JR1A0554	RT41053	MOBILE COMPUTING	23	15	0
14JR1A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	25	35	3
14JR1A0554	RT4105B	HADOOP AND BIG DATA	23	44	3
14JR1A0554	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
14JR1A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A0554	RT4105N	SOFTWARE TESTING LAB	23	50	2
14JR1A0554	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	47	3
14JR1A0555	RT41052	UML AND DESIGN PATTERNS	24	26	3
14JR1A0555	RT41053	MOBILE COMPUTING	24	26	3
14JR1A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0555	RT4105B	HADOOP AND BIG DATA	24	45	3
14JR1A0555	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
14JR1A0555	RT4105N	SOFTWARE TESTING LAB	21	46	2
14JR1A0555	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	39	3
14JR1A0557	RT41052	UML AND DESIGN PATTERNS	18	27	3
14JR1A0557	RT41053	MOBILE COMPUTING	24	29	3
14JR1A0557	RT41054	SOFTWARE TESTING METHODOLOGIES	21	28	3
14JR1A0557	RT4105B	HADOOP AND BIG DATA	20	30	3
14JR1A0557	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
14JR1A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0557	RT4105N	SOFTWARE TESTING LAB	22	44	2
14JR1A0557	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
14JR1A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	31	3
14JR1A0558	RT41052	UML AND DESIGN PATTERNS	20	38	3
14JR1A0558	RT41053	MOBILE COMPUTING	23	17	0
14JR1A0558	RT41054	SOFTWARE TESTING METHODOLOGIES	23	30	3
14JR1A0558	RT4105B	HADOOP AND BIG DATA	20	41	3
14JR1A0558	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A0558	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A0558	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
14JR1A0559	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	33	3
14JR1A0559	RT41052	UML AND DESIGN PATTERNS	21	40	3
14JR1A0559	RT41053	MOBILE COMPUTING	25	31	3
14JR1A0559	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
14JR1A0559	RT4105B	HADOOP AND BIG DATA	22	35	3
14JR1A0559	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A0559	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0559	RT4105N	SOFTWARE TESTING LAB	21	45	2
14JR1A0559	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
14JR1A0560	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	55	3
14JR1A0560	RT41052	UML AND DESIGN PATTERNS	28	37	3
14JR1A0560	RT41053	MOBILE COMPUTING	27	35	3
14JR1A0560	RT41054	SOFTWARE TESTING METHODOLOGIES	26	37	3
14JR1A0560	RT4105B	HADOOP AND BIG DATA	23	44	3
14JR1A0560	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0560	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0560	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0560	RT4105O	HADOOP AND BIGDATA LAB	24	45	2
14JR1A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
14JR1A0561	RT41052	UML AND DESIGN PATTERNS	17	44	3
14JR1A0561	RT41053	MOBILE COMPUTING	19	26	3
14JR1A0561	RT41054	SOFTWARE TESTING METHODOLOGIES	18	38	3
14JR1A0561	RT4105B	HADOOP AND BIG DATA	22	39	3
14JR1A0561	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
14JR1A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0561	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0561	RT4105O	HADOOP AND BIGDATA LAB	23	47	2



Htno	Subcode	Subname	Internal	External	Credits
14JR1A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	28	3
14JR1A0562	RT41052	UML AND DESIGN PATTERNS	17	30	3
14JR1A0562	RT41053	MOBILE COMPUTING	25	17	0
14JR1A0562	RT41054	SOFTWARE TESTING METHODOLOGIES	22	16	0
14JR1A0562	RT4105B	HADOOP AND BIG DATA	20	32	3
14JR1A0562	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0562	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A0562	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
14JR1A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	32	3
14JR1A0563	RT41052	UML AND DESIGN PATTERNS	21	58	3
14JR1A0563	RT41053	MOBILE COMPUTING	28	40	3
14JR1A0563	RT41054	SOFTWARE TESTING METHODOLOGIES	25	44	3
14JR1A0563	RT4105B	HADOOP AND BIG DATA	25	56	3
14JR1A0563	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0563	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0563	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
14JR1A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	56	3
14JR1A0564	RT41052	UML AND DESIGN PATTERNS	26	47	3
14JR1A0564	RT41053	MOBILE COMPUTING	25	39	3
14JR1A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	27	40	3
14JR1A0564	RT4105B	HADOOP AND BIG DATA	25	51	3
14JR1A0564	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
14JR1A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
14JR1A0564	RT4105N	SOFTWARE TESTING LAB	25	48	2
14JR1A0564	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
14JR1A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	44	3
14JR1A0565	RT41052	UML AND DESIGN PATTERNS	24	35	3
14JR1A0565	RT41053	MOBILE COMPUTING	26	33	3
14JR1A0565	RT41054	SOFTWARE TESTING METHODOLOGIES	20	44	3
14JR1A0565	RT4105B	HADOOP AND BIG DATA	20	43	3
14JR1A0565	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0565	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A0565	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
14JR1A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	28	3
14JR1A0566	RT41052	UML AND DESIGN PATTERNS	26	45	3
14JR1A0566	RT41053	MOBILE COMPUTING	29	29	3
14JR1A0566	RT41054	SOFTWARE TESTING METHODOLOGIES	27	36	3
14JR1A0566	RT4105B	HADOOP AND BIG DATA	24	41	3
14JR1A0566	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
14JR1A0566	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A0566	RT4105O	HADOOP AND BIGDATA LAB	24	45	2
14JR1A0567	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	17	0
14JR1A0567	RT41052	UML AND DESIGN PATTERNS	16	28	3
14JR1A0567	RT41053	MOBILE COMPUTING	23	8	0
14JR1A0567	RT41054	SOFTWARE TESTING METHODOLOGIES	18	30	3
14JR1A0567	RT4105B	HADOOP AND BIG DATA	16	0	0

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0567	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	48	2
14JR1A0567	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0567	RT4105O	HADOOP AND BIGDATA LAB	19	44	2
14JR1A0568	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	51	3
14JR1A0568	RT41052	UML AND DESIGN PATTERNS	23	40	3
14JR1A0568	RT41053	MOBILE COMPUTING	27	34	3
14JR1A0568	RT41054	SOFTWARE TESTING METHODOLOGIES	23	36	3
14JR1A0568	RT4105B	HADOOP AND BIG DATA	26	44	3
14JR1A0568	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0568	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A0568	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
14JR1A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	49	3
14JR1A0569	RT41052	UML AND DESIGN PATTERNS	22	35	3
14JR1A0569	RT41053	MOBILE COMPUTING	27	32	3
14JR1A0569	RT41054	SOFTWARE TESTING METHODOLOGIES	27	44	3
14JR1A0569	RT4105B	HADOOP AND BIG DATA	22	40	3
14JR1A0569	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
14JR1A0569	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0569	RT4105O	HADOOP AND BIGDATA LAB	24	44	2
14JR1A0570	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	25	3
14JR1A0570	RT41052	UML AND DESIGN PATTERNS	22	37	3
14JR1A0570	RT41053	MOBILE COMPUTING	27	24	3
14JR1A0570	RT41054	SOFTWARE TESTING METHODOLOGIES	23	41	3
14JR1A0570	RT4105B	HADOOP AND BIG DATA	27	34	3
14JR1A0570	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0570	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0570	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0570	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
14JR1A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	33	3
14JR1A0571	RT41052	UML AND DESIGN PATTERNS	25	50	3
14JR1A0571	RT41053	MOBILE COMPUTING	25	33	3
14JR1A0571	RT41054	SOFTWARE TESTING METHODOLOGIES	26	47	3
14JR1A0571	RT4105B	HADOOP AND BIG DATA	22	38	3
14JR1A0571	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0571	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0571	RT4105O	HADOOP AND BIGDATA LAB	24	45	2
14JR1A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	39	3
14JR1A0572	RT41052	UML AND DESIGN PATTERNS	23	24	3
14JR1A0572	RT41053	MOBILE COMPUTING	26	28	3
14JR1A0572	RT41054	SOFTWARE TESTING METHODOLOGIES	23	29	3
14JR1A0572	RT4105B	HADOOP AND BIG DATA	25	34	3
14JR1A0572	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0572	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0572	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
14JR1A0573	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	27	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0573	RT41052	UML AND DESIGN PATTERNS	25	33	3
14JR1A0573	RT41053	MOBILE COMPUTING	28	42	3
14JR1A0573	RT41054	SOFTWARE TESTING METHODOLOGIES	27	44	3
14JR1A0573	RT4105B	HADOOP AND BIG DATA	25	45	3
14JR1A0573	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0573	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0573	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0573	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	52	3
14JR1A0574	RT41052	UML AND DESIGN PATTERNS	27	58	3
14JR1A0574	RT41053	MOBILE COMPUTING	29	30	3
14JR1A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	27	44	3
14JR1A0574	RT4105B	HADOOP AND BIG DATA	24	51	3
14JR1A0574	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0574	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0574	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
14JR1A0575	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
14JR1A0575	RT41052	UML AND DESIGN PATTERNS	27	54	3
14JR1A0575	RT41053	MOBILE COMPUTING	29	40	3
14JR1A0575	RT41054	SOFTWARE TESTING METHODOLOGIES	25	36	3
14JR1A0575	RT4105B	HADOOP AND BIG DATA	24	62	3
14JR1A0575	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0575	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
14JR1A0575	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0575	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
14JR1A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	53	3
14JR1A0576	RT41052	UML AND DESIGN PATTERNS	22	47	3
14JR1A0576	RT41053	MOBILE COMPUTING	27	33	3
14JR1A0576	RT41054	SOFTWARE TESTING METHODOLOGIES	26	39	3
14JR1A0576	RT4105B	HADOOP AND BIG DATA	28	46	3
14JR1A0576	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0576	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0576	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A0576	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
14JR1A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	42	3
14JR1A0577	RT41052	UML AND DESIGN PATTERNS	26	36	3
14JR1A0577	RT41053	MOBILE COMPUTING	28	35	3
14JR1A0577	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
14JR1A0577	RT4105B	HADOOP AND BIG DATA	27	44	3
14JR1A0577	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0577	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0577	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
14JR1A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	30	3
14JR1A0578	RT41052	UML AND DESIGN PATTERNS	24	47	3
14JR1A0578	RT41053	MOBILE COMPUTING	27	24	3
14JR1A0578	RT41054	SOFTWARE TESTING METHODOLOGIES	25	40	3
14JR1A0578	RT4105B	HADOOP AND BIG DATA	25	51	3
14JR1A0578	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0578	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0578	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A0578	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
14JR1A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
14JR1A0579	RT41052	UML AND DESIGN PATTERNS	27	57	3
14JR1A0579	RT41053	MOBILE COMPUTING	28	32	3
14JR1A0579	RT41054	SOFTWARE TESTING METHODOLOGIES	24	39	3
14JR1A0579	RT4105B	HADOOP AND BIG DATA	23	60	3
14JR1A0579	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0579	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0579	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
14JR1A0580	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	53	3
14JR1A0580	RT41052	UML AND DESIGN PATTERNS	26	35	3
14JR1A0580	RT41053	MOBILE COMPUTING	28	28	3
14JR1A0580	RT41054	SOFTWARE TESTING METHODOLOGIES	25	32	3
14JR1A0580	RT4105B	HADOOP AND BIG DATA	23	41	3
14JR1A0580	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0580	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
14JR1A0580	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0580	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
14JR1A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	27	3
14JR1A0581	RT41052	UML AND DESIGN PATTERNS	22	31	3
14JR1A0581	RT41053	MOBILE COMPUTING	26	29	3
14JR1A0581	RT41054	SOFTWARE TESTING METHODOLOGIES	23	39	3
14JR1A0581	RT4105B	HADOOP AND BIG DATA	20	39	3
14JR1A0581	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A0581	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A0581	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0582	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	37	3
14JR1A0582	RT41052	UML AND DESIGN PATTERNS	22	43	3
14JR1A0582	RT41053	MOBILE COMPUTING	26	24	3
14JR1A0582	RT41054	SOFTWARE TESTING METHODOLOGIES	22	31	3
14JR1A0582	RT4105B	HADOOP AND BIG DATA	25	34	3
14JR1A0582	RT4105L	UML AND DESIGN PATTERNS LAB	25	48	2
14JR1A0582	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0582	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0582	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	28	3
14JR1A0583	RT41052	UML AND DESIGN PATTERNS	25	46	3
14JR1A0583	RT41053	MOBILE COMPUTING	29	29	3
14JR1A0583	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
14JR1A0583	RT4105B	HADOOP AND BIG DATA	19	39	3
14JR1A0583	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0583	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A0583	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
14JR1A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	54	3
14JR1A0584	RT41052	UML AND DESIGN PATTERNS	22	34	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0584	RT41053	MOBILE COMPUTING	27	29	3
14JR1A0584	RT41054	SOFTWARE TESTING METHODOLOGIES	21	40	3
14JR1A0584	RT4105B	HADOOP AND BIG DATA	26	50	3
14JR1A0584	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A0584	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A0584	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
14JR1A0585	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
14JR1A0585	RT41052	UML AND DESIGN PATTERNS	22	27	3
14JR1A0585	RT41053	MOBILE COMPUTING	23	32	3
14JR1A0585	RT41054	SOFTWARE TESTING METHODOLOGIES	25	33	3
14JR1A0585	RT4105B	HADOOP AND BIG DATA	21	39	3
14JR1A0585	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A0585	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0585	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0585	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
14JR1A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	26	3
14JR1A0586	RT41052	UML AND DESIGN PATTERNS	20	43	3
14JR1A0586	RT41053	MOBILE COMPUTING	25	18	0
14JR1A0586	RT41054	SOFTWARE TESTING METHODOLOGIES	26	36	3
14JR1A0586	RT4105B	HADOOP AND BIG DATA	23	35	3
14JR1A0586	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A0586	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0586	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0586	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
14JR1A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	33	3
14JR1A0587	RT41052	UML AND DESIGN PATTERNS	22	56	3
14JR1A0587	RT41053	MOBILE COMPUTING	28	32	3
14JR1A0587	RT41054	SOFTWARE TESTING METHODOLOGIES	24	35	3
14JR1A0587	RT4105B	HADOOP AND BIG DATA	25	24	3
14JR1A0587	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0587	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0587	RT4105O	HADOOP AND BIGDATA LAB	19	46	2
14JR1A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	53	3
14JR1A0588	RT41052	UML AND DESIGN PATTERNS	22	43	3
14JR1A0588	RT41053	MOBILE COMPUTING	27	30	3
14JR1A0588	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
14JR1A0588	RT4105B	HADOOP AND BIG DATA	28	28	3
14JR1A0588	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A0588	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0588	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0588	RT4105O	HADOOP AND BIGDATA LAB	19	45	2
14JR1A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
14JR1A0589	RT41052	UML AND DESIGN PATTERNS	26	40	3
14JR1A0589	RT41053	MOBILE COMPUTING	30	37	3
14JR1A0589	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
14JR1A0589	RT4105B	HADOOP AND BIG DATA	28	49	3
14JR1A0589	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0589	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0589	RT4105N	SOFTWARE TESTING LAB	23	49	2
14JR1A0589	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	43	3
14JR1A0590	RT41052	UML AND DESIGN PATTERNS	27	53	3
14JR1A0590	RT41053	MOBILE COMPUTING	29	31	3
14JR1A0590	RT41054	SOFTWARE TESTING METHODOLOGIES	27	45	3
14JR1A0590	RT4105B	HADOOP AND BIG DATA	23	39	3
14JR1A0590	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A0590	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
14JR1A0590	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A0590	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
14JR1A0591	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	29	3
14JR1A0591	RT41052	UML AND DESIGN PATTERNS	24	54	3
14JR1A0591	RT41053	MOBILE COMPUTING	28	31	3
14JR1A0591	RT41054	SOFTWARE TESTING METHODOLOGIES	28	33	3
14JR1A0591	RT4105B	HADOOP AND BIG DATA	23	56	3
14JR1A0591	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A0591	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A0591	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A0591	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
14JR1A0592	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	32	3
14JR1A0592	RT41052	UML AND DESIGN PATTERNS	20	24	3
14JR1A0592	RT41053	MOBILE COMPUTING	26	24	3
14JR1A0592	RT41054	SOFTWARE TESTING METHODOLOGIES	22	34	3
14JR1A0592	RT4105B	HADOOP AND BIG DATA	23	24	3
14JR1A0592	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A0592	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A0592	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A0592	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A0593	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	41	3
14JR1A0593	RT41052	UML AND DESIGN PATTERNS	22	33	3
14JR1A0593	RT41053	MOBILE COMPUTING	25	32	3
14JR1A0593	RT41054	SOFTWARE TESTING METHODOLOGIES	18	40	3
14JR1A0593	RT4105B	HADOOP AND BIG DATA	16	43	3
14JR1A0593	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A0593	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A0593	RT4105N	SOFTWARE TESTING LAB	22	44	2
14JR1A0593	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
14JR1A0594	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	27	3
14JR1A0594	RT41052	UML AND DESIGN PATTERNS	24	32	3
14JR1A0594	RT41053	MOBILE COMPUTING	28	15	0
14JR1A0594	RT41054	SOFTWARE TESTING METHODOLOGIES	25	28	3
14JR1A0594	RT4105B	HADOOP AND BIG DATA	23	34	3
14JR1A0594	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A0594	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0594	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0594	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
14JR1A0595	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	34	3
14JR1A0595	RT41052	UML AND DESIGN PATTERNS	21	45	3
14JR1A0595	RT41053	MOBILE COMPUTING	26	30	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A0595	RT41054	SOFTWARE TESTING METHODOLOGIES	18	35	3
14JR1A0595	RT4105B	HADOOP AND BIG DATA	23	41	3
14JR1A0595	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A0595	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A0595	RT4105N	SOFTWARE TESTING LAB	23	44	2
14JR1A0595	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
14JR1A0596	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	55	3
14JR1A0596	RT41052	UML AND DESIGN PATTERNS	23	40	3
14JR1A0596	RT41053	MOBILE COMPUTING	28	31	3
14JR1A0596	RT41054	SOFTWARE TESTING METHODOLOGIES	26	33	3
14JR1A0596	RT4105B	HADOOP AND BIG DATA	20	25	3
14JR1A0596	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A0596	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A0596	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A0596	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
14JR1A0597	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	32	3
14JR1A0597	RT41052	UML AND DESIGN PATTERNS	20	27	3
14JR1A0597	RT41053	MOBILE COMPUTING	26	29	3
14JR1A0597	RT41054	SOFTWARE TESTING METHODOLOGIES	17	31	3
14JR1A0597	RT4105B	HADOOP AND BIG DATA	16	30	3
14JR1A0597	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
14JR1A0597	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A0597	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A0597	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
14JR1A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	16	0
14JR1A0598	RT41052	UML AND DESIGN PATTERNS	18	13	0
14JR1A0598	RT41053	MOBILE COMPUTING	23	24	3
14JR1A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	15	14	0
14JR1A0598	RT4105B	HADOOP AND BIG DATA	16	28	3
14JR1A0598	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
14JR1A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A0598	RT4105N	SOFTWARE TESTING LAB	25	49	2
14JR1A0598	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
14JR1A0599	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	28	3
14JR1A0599	RT41052	UML AND DESIGN PATTERNS	21	51	3
14JR1A0599	RT41053	MOBILE COMPUTING	16	31	3
14JR1A0599	RT41054	SOFTWARE TESTING METHODOLOGIES	16	28	3
14JR1A0599	RT4105B	HADOOP AND BIG DATA	16	42	3
14JR1A0599	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
14JR1A0599	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A0599	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A0599	RT4105O	HADOOP AND BIGDATA LAB	20	43	2
14JR1A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	49	3
14JR1A05A0	RT41052	UML AND DESIGN PATTERNS	18	34	3
14JR1A05A0	RT41053	MOBILE COMPUTING	29	28	3
14JR1A05A0	RT41054	SOFTWARE TESTING METHODOLOGIES	19	37	3
14JR1A05A0	RT4105B	HADOOP AND BIG DATA	24	35	3
14JR1A05A0	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05A0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05A0	RT4105N	SOFTWARE TESTING LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05A0	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
14JR1A05A1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	37	3
14JR1A05A1	RT41052	UML AND DESIGN PATTERNS	20	30	3
14JR1A05A1	RT41053	MOBILE COMPUTING	27	27	3
14JR1A05A1	RT41054	SOFTWARE TESTING METHODOLOGIES	18	28	3
14JR1A05A1	RT4105B	HADOOP AND BIG DATA	23	30	3
14JR1A05A1	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05A1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05A1	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A05A1	RT4105O	HADOOP AND BIGDATA LAB	20	45	2
14JR1A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	15	0
14JR1A05A2	RT41052	UML AND DESIGN PATTERNS	20	29	3
14JR1A05A2	RT41053	MOBILE COMPUTING	27	24	3
14JR1A05A2	RT41054	SOFTWARE TESTING METHODOLOGIES	19	27	3
14JR1A05A2	RT4105B	HADOOP AND BIG DATA	16	24	3
14JR1A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
14JR1A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A05A2	RT4105N	SOFTWARE TESTING LAB	21	45	2
14JR1A05A2	RT4105O	HADOOP AND BIGDATA LAB	20	45	2
14JR1A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	35	3
14JR1A05A3	RT41052	UML AND DESIGN PATTERNS	21	45	3
14JR1A05A3	RT41053	MOBILE COMPUTING	28	29	3
14JR1A05A3	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
14JR1A05A3	RT4105B	HADOOP AND BIG DATA	17	42	3
14JR1A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
14JR1A05A3	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A05A3	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
14JR1A05A4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	53	3
14JR1A05A4	RT41052	UML AND DESIGN PATTERNS	19	40	3
14JR1A05A4	RT41053	MOBILE COMPUTING	28	31	3
14JR1A05A4	RT41054	SOFTWARE TESTING METHODOLOGIES	22	37	3
14JR1A05A4	RT4105B	HADOOP AND BIG DATA	20	45	3
14JR1A05A4	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
14JR1A05A4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A05A4	RT4105N	SOFTWARE TESTING LAB	19	43	2
14JR1A05A4	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A05A6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	30	3
14JR1A05A6	RT41052	UML AND DESIGN PATTERNS	17	27	3
14JR1A05A6	RT41053	MOBILE COMPUTING	21	26	3
14JR1A05A6	RT41054	SOFTWARE TESTING METHODOLOGIES	20	24	3
14JR1A05A6	RT4105B	HADOOP AND BIG DATA	16	30	3
14JR1A05A6	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
14JR1A05A6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A05A6	RT4105N	SOFTWARE TESTING LAB	18	41	2
14JR1A05A6	RT4105O	HADOOP AND BIGDATA LAB	18	45	2
14JR1A05A7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	26	3
14JR1A05A7	RT41052	UML AND DESIGN PATTERNS	21	52	3
14JR1A05A7	RT41053	MOBILE COMPUTING	27	31	3
14JR1A05A7	RT41054	SOFTWARE TESTING METHODOLOGIES	21	32	3



Htno	Subcode	Subname	Internal	External	Credits
14JR1A05A7	RT4105B	HADOOP AND BIG DATA	24	36	3
14JR1A05A7	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05A7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05A7	RT4105N	SOFTWARE TESTING LAB	23	43	2
14JR1A05A7	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
14JR1A05A8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	24	3
14JR1A05A8	RT41052	UML AND DESIGN PATTERNS	22	38	3
14JR1A05A8	RT41053	MOBILE COMPUTING	26	29	3
14JR1A05A8	RT41054	SOFTWARE TESTING METHODOLOGIES	24	31	3
14JR1A05A8	RT4105B	HADOOP AND BIG DATA	24	41	3
14JR1A05A8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05A8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
14JR1A05A8	RT4105N	SOFTWARE TESTING LAB	21	43	2
14JR1A05A8	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
14JR1A05A9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
14JR1A05A9	RT41052	UML AND DESIGN PATTERNS	21	35	3
14JR1A05A9	RT41053	MOBILE COMPUTING	27	24	3
14JR1A05A9	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
14JR1A05A9	RT4105B	HADOOP AND BIG DATA	21	39	3
14JR1A05A9	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A05A9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A05A9	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05A9	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
14JR1A05B0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
14JR1A05B0	RT41052	UML AND DESIGN PATTERNS	20	27	3
14JR1A05B0	RT41053	MOBILE COMPUTING	23	26	3
14JR1A05B0	RT41054	SOFTWARE TESTING METHODOLOGIES	22	31	3
14JR1A05B0	RT4105B	HADOOP AND BIG DATA	23	39	3
14JR1A05B0	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05B0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A05B0	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05B0	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
14JR1A05B1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	33	3
14JR1A05B1	RT41052	UML AND DESIGN PATTERNS	20	45	3
14JR1A05B1	RT41053	MOBILE COMPUTING	28	24	3
14JR1A05B1	RT41054	SOFTWARE TESTING METHODOLOGIES	19	17	0
14JR1A05B1	RT4105B	HADOOP AND BIG DATA	21	36	3
14JR1A05B1	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05B1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A05B1	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A05B1	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
14JR1A05B2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	24	3
14JR1A05B2	RT41052	UML AND DESIGN PATTERNS	17	29	3
14JR1A05B2	RT41053	MOBILE COMPUTING	17	11	0
14JR1A05B2	RT41054	SOFTWARE TESTING METHODOLOGIES	20	27	3
14JR1A05B2	RT4105B	HADOOP AND BIG DATA	16	8	0
14JR1A05B2	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
14JR1A05B2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
14JR1A05B2	RT4105N	SOFTWARE TESTING LAB	18	42	2
14JR1A05B2	RT4105O	HADOOP AND BIGDATA LAB	19	45	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	35	3
14JR1A05B3	RT41052	UML AND DESIGN PATTERNS	21	38	3
14JR1A05B3	RT41053	MOBILE COMPUTING	27	10	0
14JR1A05B3	RT41054	SOFTWARE TESTING METHODOLOGIES	20	29	3
14JR1A05B3	RT4105B	HADOOP AND BIG DATA	17	31	3
14JR1A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
14JR1A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A05B3	RT4105N	SOFTWARE TESTING LAB	23	43	2
14JR1A05B3	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
14JR1A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	30	3
14JR1A05B4	RT41052	UML AND DESIGN PATTERNS	24	27	3
14JR1A05B4	RT41053	MOBILE COMPUTING	26	28	3
14JR1A05B4	RT41054	SOFTWARE TESTING METHODOLOGIES	22	27	3
14JR1A05B4	RT4105B	HADOOP AND BIG DATA	19	30	3
14JR1A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	24	46	2
14JR1A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A05B4	RT4105N	SOFTWARE TESTING LAB	23	44	2
14JR1A05B4	RT4105O	HADOOP AND BIGDATA LAB	23	43	2
14JR1A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	34	3
14JR1A05B5	RT41052	UML AND DESIGN PATTERNS	23	44	3
14JR1A05B5	RT41053	MOBILE COMPUTING	28	24	3
14JR1A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	26	33	3
14JR1A05B5	RT4105B	HADOOP AND BIG DATA	21	35	3
14JR1A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05B5	RT4105N	SOFTWARE TESTING LAB	23	44	2
14JR1A05B5	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
14JR1A05B6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	16	0
14JR1A05B6	RT41052	UML AND DESIGN PATTERNS	16	37	3
14JR1A05B6	RT41053	MOBILE COMPUTING	18	11	0
14JR1A05B6	RT41054	SOFTWARE TESTING METHODOLOGIES	18	26	3
14JR1A05B6	RT4105B	HADOOP AND BIG DATA	18	6	0
14JR1A05B6	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
14JR1A05B6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
14JR1A05B6	RT4105N	SOFTWARE TESTING LAB	18	45	2
14JR1A05B6	RT4105O	HADOOP AND BIGDATA LAB	20	45	2
14JR1A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	46	3
14JR1A05B7	RT41052	UML AND DESIGN PATTERNS	20	37	3
14JR1A05B7	RT41053	MOBILE COMPUTING	25	17	0
14JR1A05B7	RT41054	SOFTWARE TESTING METHODOLOGIES	19	29	3
14JR1A05B7	RT4105B	HADOOP AND BIG DATA	20	30	3
14JR1A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A05B7	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05B7	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
14JR1A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	29	3
14JR1A05B8	RT41052	UML AND DESIGN PATTERNS	22	24	3
14JR1A05B8	RT41053	MOBILE COMPUTING	25	10	0
14JR1A05B8	RT41054	SOFTWARE TESTING METHODOLOGIES	19	25	3
14JR1A05B8	RT4105B	HADOOP AND BIG DATA	17	29	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
14JR1A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A05B8	RT4105N	SOFTWARE TESTING LAB	19	44	2
14JR1A05B8	RT4105O	HADOOP AND BIGDATA LAB	18	45	2
14JR1A05B9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	25	3
14JR1A05B9	RT41052	UML AND DESIGN PATTERNS	26	47	3
14JR1A05B9	RT41053	MOBILE COMPUTING	24	17	0
14JR1A05B9	RT41054	SOFTWARE TESTING METHODOLOGIES	21	29	3
14JR1A05B9	RT4105B	HADOOP AND BIG DATA	19	29	3
14JR1A05B9	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A05B9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05B9	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05B9	RT4105O	HADOOP AND BIGDATA LAB	23	49	2
14JR1A05C0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
14JR1A05C0	RT41052	UML AND DESIGN PATTERNS	23	51	3
14JR1A05C0	RT41053	MOBILE COMPUTING	21	31	3
14JR1A05C0	RT41054	SOFTWARE TESTING METHODOLOGIES	22	35	3
14JR1A05C0	RT4105B	HADOOP AND BIG DATA	23	48	3
14JR1A05C0	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A05C0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
14JR1A05C0	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05C0	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
14JR1A05C1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	51	3
14JR1A05C1	RT41052	UML AND DESIGN PATTERNS	26	34	3
14JR1A05C1	RT41053	MOBILE COMPUTING	25	12	0
14JR1A05C1	RT41054	SOFTWARE TESTING METHODOLOGIES	23	30	3
14JR1A05C1	RT4105B	HADOOP AND BIG DATA	20	53	3
14JR1A05C1	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05C1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A05C1	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A05C1	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
14JR1A05C2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	45	3
14JR1A05C2	RT41052	UML AND DESIGN PATTERNS	28	31	3
14JR1A05C2	RT41053	MOBILE COMPUTING	25	33	3
14JR1A05C2	RT41054	SOFTWARE TESTING METHODOLOGIES	25	38	3
14JR1A05C2	RT4105B	HADOOP AND BIG DATA	22	44	3
14JR1A05C2	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
14JR1A05C2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	47	2
14JR1A05C2	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A05C2	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
14JR1A05C3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	26	3
14JR1A05C3	RT41052	UML AND DESIGN PATTERNS	24	49	3
14JR1A05C3	RT41053	MOBILE COMPUTING	23	24	3
14JR1A05C3	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
14JR1A05C3	RT4105B	HADOOP AND BIG DATA	21	29	3
14JR1A05C3	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05C3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05C3	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A05C3	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05C4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	25	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05C4	RT41052	UML AND DESIGN PATTERNS	23	42	3
14JR1A05C4	RT41053	MOBILE COMPUTING	18	29	3
14JR1A05C4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	38	3
14JR1A05C4	RT4105B	HADOOP AND BIG DATA	21	42	3
14JR1A05C4	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05C4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
14JR1A05C4	RT4105N	SOFTWARE TESTING LAB	25	49	2
14JR1A05C4	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05C5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	51	3
14JR1A05C5	RT41052	UML AND DESIGN PATTERNS	27	36	3
14JR1A05C5	RT41053	MOBILE COMPUTING	21	38	3
14JR1A05C5	RT41054	SOFTWARE TESTING METHODOLOGIES	27	40	3
14JR1A05C5	RT4105B	HADOOP AND BIG DATA	24	45	3
14JR1A05C5	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05C5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14JR1A05C5	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A05C5	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05C6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	41	3
14JR1A05C6	RT41052	UML AND DESIGN PATTERNS	25	34	3
14JR1A05C6	RT41053	MOBILE COMPUTING	25	27	3
14JR1A05C6	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
14JR1A05C6	RT4105B	HADOOP AND BIG DATA	23	43	3
14JR1A05C6	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A05C6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05C6	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A05C6	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
14JR1A05C7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	15	0
14JR1A05C7	RT41052	UML AND DESIGN PATTERNS	21	49	3
14JR1A05C7	RT41053	MOBILE COMPUTING	20	29	3
14JR1A05C7	RT41054	SOFTWARE TESTING METHODOLOGIES	20	27	3
14JR1A05C7	RT4105B	HADOOP AND BIG DATA	21	29	3
14JR1A05C7	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05C7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A05C7	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05C7	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
14JR1A05C8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
14JR1A05C8	RT41052	UML AND DESIGN PATTERNS	23	57	3
14JR1A05C8	RT41053	MOBILE COMPUTING	23	36	3
14JR1A05C8	RT41054	SOFTWARE TESTING METHODOLOGIES	26	48	3
14JR1A05C8	RT4105B	HADOOP AND BIG DATA	20	48	3
14JR1A05C8	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05C8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A05C8	RT4105N	SOFTWARE TESTING LAB	22	47	2
14JR1A05C8	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05C9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	24	3
14JR1A05C9	RT41052	UML AND DESIGN PATTERNS	24	37	3
14JR1A05C9	RT41053	MOBILE COMPUTING	22	30	3
14JR1A05C9	RT41054	SOFTWARE TESTING METHODOLOGIES	21	35	3
14JR1A05C9	RT4105B	HADOOP AND BIG DATA	20	41	3
14JR1A05C9	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05C9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
14JR1A05C9	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A05C9	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05D0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	41	3
14JR1A05D0	RT41052	UML AND DESIGN PATTERNS	27	35	3
14JR1A05D0	RT41053	MOBILE COMPUTING	26	35	3
14JR1A05D0	RT41054	SOFTWARE TESTING METHODOLOGIES	27	34	3
14JR1A05D0	RT4105B	HADOOP AND BIG DATA	27	49	3
14JR1A05D0	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05D0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
14JR1A05D0	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05D0	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
14JR1A05D1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	26	3
14JR1A05D1	RT41052	UML AND DESIGN PATTERNS	26	47	3
14JR1A05D1	RT41053	MOBILE COMPUTING	22	29	3
14JR1A05D1	RT41054	SOFTWARE TESTING METHODOLOGIES	24	30	3
14JR1A05D1	RT4105B	HADOOP AND BIG DATA	23	42	3
14JR1A05D1	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05D1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A05D1	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05D1	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
14JR1A05D2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	25	3
14JR1A05D2	RT41052	UML AND DESIGN PATTERNS	27	52	3
14JR1A05D2	RT41053	MOBILE COMPUTING	21	33	3
14JR1A05D2	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
14JR1A05D2	RT4105B	HADOOP AND BIG DATA	19	47	3
14JR1A05D2	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05D2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A05D2	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A05D2	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
14JR1A05D3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	54	3
14JR1A05D3	RT41052	UML AND DESIGN PATTERNS	25	46	3
14JR1A05D3	RT41053	MOBILE COMPUTING	23	34	3
14JR1A05D3	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
14JR1A05D3	RT4105B	HADOOP AND BIG DATA	22	46	3
14JR1A05D3	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05D3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
14JR1A05D3	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A05D3	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
14JR1A05D4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	49	3
14JR1A05D4	RT41052	UML AND DESIGN PATTERNS	23	35	3
14JR1A05D4	RT41053	MOBILE COMPUTING	21	32	3
14JR1A05D4	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
14JR1A05D4	RT4105B	HADOOP AND BIG DATA	21	42	3
14JR1A05D4	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A05D4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
14JR1A05D4	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05D4	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05D5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	27	3
14JR1A05D5	RT41052	UML AND DESIGN PATTERNS	29	40	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05D5	RT41053	MOBILE COMPUTING	23	30	3
14JR1A05D5	RT41054	SOFTWARE TESTING METHODOLOGIES	23	29	3
14JR1A05D5	RT4105B	HADOOP AND BIG DATA	23	43	3
14JR1A05D5	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A05D5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
14JR1A05D5	RT4105N	SOFTWARE TESTING LAB	25	47	2
14JR1A05D5	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05D6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	28	3
14JR1A05D6	RT41052	UML AND DESIGN PATTERNS	20	42	3
14JR1A05D6	RT41053	MOBILE COMPUTING	21	32	3
14JR1A05D6	RT41054	SOFTWARE TESTING METHODOLOGIES	25	29	3
14JR1A05D6	RT4105B	HADOOP AND BIG DATA	21	8	0
14JR1A05D6	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05D6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
14JR1A05D6	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05D6	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05D7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	49	3
14JR1A05D7	RT41052	UML AND DESIGN PATTERNS	25	40	3
14JR1A05D7	RT41053	MOBILE COMPUTING	23	32	3
14JR1A05D7	RT41054	SOFTWARE TESTING METHODOLOGIES	25	40	3
14JR1A05D7	RT4105B	HADOOP AND BIG DATA	23	45	3
14JR1A05D7	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05D7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05D7	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A05D7	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05D8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	35	3
14JR1A05D8	RT41052	UML AND DESIGN PATTERNS	23	34	3
14JR1A05D8	RT41053	MOBILE COMPUTING	22	31	3
14JR1A05D8	RT41054	SOFTWARE TESTING METHODOLOGIES	23	28	3
14JR1A05D8	RT4105B	HADOOP AND BIG DATA	23	43	3
14JR1A05D8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05D8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05D8	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A05D8	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
14JR1A05D9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
14JR1A05D9	RT41052	UML AND DESIGN PATTERNS	28	52	3
14JR1A05D9	RT41053	MOBILE COMPUTING	24	24	3
14JR1A05D9	RT41054	SOFTWARE TESTING METHODOLOGIES	21	17	0
14JR1A05D9	RT4105B	HADOOP AND BIG DATA	24	31	3
14JR1A05D9	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05D9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A05D9	RT4105N	SOFTWARE TESTING LAB	24	50	2
14JR1A05D9	RT4105O	HADOOP AND BIGDATA LAB	23	50	2
14JR1A05E0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	32	3
14JR1A05E0	RT41052	UML AND DESIGN PATTERNS	25	54	3
14JR1A05E0	RT41053	MOBILE COMPUTING	25	33	3
14JR1A05E0	RT41054	SOFTWARE TESTING METHODOLOGIES	25	37	3
14JR1A05E0	RT4105B	HADOOP AND BIG DATA	22	45	3
14JR1A05E0	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05E0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05E0	RT4105N	SOFTWARE TESTING LAB	24	48	2
14JR1A05E0	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
14JR1A05E1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	52	3
14JR1A05E1	RT41052	UML AND DESIGN PATTERNS	26	47	3
14JR1A05E1	RT41053	MOBILE COMPUTING	28	38	3
14JR1A05E1	RT41054	SOFTWARE TESTING METHODOLOGIES	26	40	3
14JR1A05E1	RT4105B	HADOOP AND BIG DATA	24	53	3
14JR1A05E1	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05E1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
14JR1A05E1	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A05E1	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
14JR1A05E2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	40	3
14JR1A05E2	RT41052	UML AND DESIGN PATTERNS	26	34	3
14JR1A05E2	RT41053	MOBILE COMPUTING	24	30	3
14JR1A05E2	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
14JR1A05E2	RT4105B	HADOOP AND BIG DATA	21	37	3
14JR1A05E2	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05E2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A05E2	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A05E2	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05E3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	13	0
14JR1A05E3	RT41052	UML AND DESIGN PATTERNS	24	47	3
14JR1A05E3	RT41053	MOBILE COMPUTING	19	24	3
14JR1A05E3	RT41054	SOFTWARE TESTING METHODOLOGIES	21	42	3
14JR1A05E3	RT4105B	HADOOP AND BIG DATA	21	35	3
14JR1A05E3	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05E3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A05E3	RT4105N	SOFTWARE TESTING LAB	24	46	2
14JR1A05E3	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05E4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
14JR1A05E4	RT41052	UML AND DESIGN PATTERNS	23	39	3
14JR1A05E4	RT41053	MOBILE COMPUTING	19	31	3
14JR1A05E4	RT41054	SOFTWARE TESTING METHODOLOGIES	22	32	3
14JR1A05E4	RT4105B	HADOOP AND BIG DATA	21	30	3
14JR1A05E4	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A05E4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
14JR1A05E4	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A05E4	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A05E5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	39	3
14JR1A05E5	RT41052	UML AND DESIGN PATTERNS	25	39	3
14JR1A05E5	RT41053	MOBILE COMPUTING	23	28	3
14JR1A05E5	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
14JR1A05E5	RT4105B	HADOOP AND BIG DATA	22	45	3
14JR1A05E5	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05E5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
14JR1A05E5	RT4105N	SOFTWARE TESTING LAB	25	47	2
14JR1A05E5	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05E6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	55	3
14JR1A05E6	RT41052	UML AND DESIGN PATTERNS	24	34	3
14JR1A05E6	RT41053	MOBILE COMPUTING	27	44	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05E6	RT41054	SOFTWARE TESTING METHODOLOGIES	24	50	3
14JR1A05E6	RT4105B	HADOOP AND BIG DATA	26	53	3
14JR1A05E6	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05E6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
14JR1A05E6	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A05E6	RT4105O	HADOOP AND BIGDATA LAB	23	50	2
14JR1A05E7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	8	0
14JR1A05E7	RT41052	UML AND DESIGN PATTERNS	15	29	3
14JR1A05E7	RT41053	MOBILE COMPUTING	22	24	3
14JR1A05E7	RT41054	SOFTWARE TESTING METHODOLOGIES	26	26	3
14JR1A05E7	RT4105B	HADOOP AND BIG DATA	21	31	3
14JR1A05E7	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
14JR1A05E7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
14JR1A05E7	RT4105N	SOFTWARE TESTING LAB	20	43	2
14JR1A05E7	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
14JR1A05E8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3
14JR1A05E8	RT41052	UML AND DESIGN PATTERNS	21	39	3
14JR1A05E8	RT41053	MOBILE COMPUTING	26	56	3
14JR1A05E8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	45	3
14JR1A05E8	RT4105B	HADOOP AND BIG DATA	22	53	3
14JR1A05E8	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
14JR1A05E8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A05E8	RT4105N	SOFTWARE TESTING LAB	25	50	2
14JR1A05E8	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
14JR1A05E9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	50	3
14JR1A05E9	RT41052	UML AND DESIGN PATTERNS	20	41	3
14JR1A05E9	RT41053	MOBILE COMPUTING	21	41	3
14JR1A05E9	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
14JR1A05E9	RT4105B	HADOOP AND BIG DATA	24	39	3
14JR1A05E9	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05E9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05E9	RT4105N	SOFTWARE TESTING LAB	24	47	2
14JR1A05E9	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05F0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	30	3
14JR1A05F0	RT41052	UML AND DESIGN PATTERNS	20	30	3
14JR1A05F0	RT41053	MOBILE COMPUTING	17	26	3
14JR1A05F0	RT41054	SOFTWARE TESTING METHODOLOGIES	27	33	3
14JR1A05F0	RT4105B	HADOOP AND BIG DATA	21	32	3
14JR1A05F0	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05F0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05F0	RT4105N	SOFTWARE TESTING LAB	23	46	2
14JR1A05F0	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05F1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	35	3
14JR1A05F1	RT41052	UML AND DESIGN PATTERNS	28	54	3
14JR1A05F1	RT41053	MOBILE COMPUTING	27	29	3
14JR1A05F1	RT41054	SOFTWARE TESTING METHODOLOGIES	26	38	3
14JR1A05F1	RT4105B	HADOOP AND BIG DATA	22	37	3
14JR1A05F1	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05F1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
14JR1A05F1	RT4105N	SOFTWARE TESTING LAB	24	49	2



Htno	Subcode	Subname	Internal	External	Credits
14JR1A05F1	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05F2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
14JR1A05F2	RT41052	UML AND DESIGN PATTERNS	23	29	3
14JR1A05F2	RT41053	MOBILE COMPUTING	24	32	3
14JR1A05F2	RT41054	SOFTWARE TESTING METHODOLOGIES	20	39	3
14JR1A05F2	RT4105B	HADOOP AND BIG DATA	22	41	3
14JR1A05F2	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05F2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
14JR1A05F2	RT4105N	SOFTWARE TESTING LAB	21	42	2
14JR1A05F2	RT4105O	HADOOP AND BIGDATA LAB	22	49	2
14JR1A05F3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	26	3
14JR1A05F3	RT41052	UML AND DESIGN PATTERNS	18	29	3
14JR1A05F3	RT41053	MOBILE COMPUTING	23	37	3
14JR1A05F3	RT41054	SOFTWARE TESTING METHODOLOGIES	21	32	3
14JR1A05F3	RT4105B	HADOOP AND BIG DATA	22	35	3
14JR1A05F3	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A05F3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
14JR1A05F3	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A05F3	RT4105O	HADOOP AND BIGDATA LAB	22	50	2
14JR1A05F4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	37	3
14JR1A05F4	RT41052	UML AND DESIGN PATTERNS	24	33	3
14JR1A05F4	RT41053	MOBILE COMPUTING	19	37	3
14JR1A05F4	RT41054	SOFTWARE TESTING METHODOLOGIES	21	43	3
14JR1A05F4	RT4105B	HADOOP AND BIG DATA	21	35	3
14JR1A05F4	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05F4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14JR1A05F4	RT4105N	SOFTWARE TESTING LAB	21	47	2
14JR1A05F4	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
14JR1A05F5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	27	3
14JR1A05F5	RT41052	UML AND DESIGN PATTERNS	21	33	3
14JR1A05F5	RT41053	MOBILE COMPUTING	24	24	3
14JR1A05F5	RT41054	SOFTWARE TESTING METHODOLOGIES	20	26	3
14JR1A05F5	RT4105B	HADOOP AND BIG DATA	23	29	3
14JR1A05F5	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05F5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A05F5	RT4105N	SOFTWARE TESTING LAB	22	46	2
14JR1A05F5	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05F7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	40	3
14JR1A05F7	RT41052	UML AND DESIGN PATTERNS	21	42	3
14JR1A05F7	RT41053	MOBILE COMPUTING	23	33	3
14JR1A05F7	RT41054	SOFTWARE TESTING METHODOLOGIES	25	41	3
14JR1A05F7	RT4105B	HADOOP AND BIG DATA	22	50	3
14JR1A05F7	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A05F7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
14JR1A05F7	RT4105N	SOFTWARE TESTING LAB	25	47	2
14JR1A05F7	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05G0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	28	3
14JR1A05G0	RT41052	UML AND DESIGN PATTERNS	22	40	3
14JR1A05G0	RT41053	MOBILE COMPUTING	25	50	3
14JR1A05G0	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05G0	RT4105B	HADOOP AND BIG DATA	24	46	3
14JR1A05G0	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
14JR1A05G0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
14JR1A05G0	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A05G0	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
14JR1A05G1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	15	0
14JR1A05G1	RT41052	UML AND DESIGN PATTERNS	20	30	3
14JR1A05G1	RT41053	MOBILE COMPUTING	19	26	3
14JR1A05G1	RT41054	SOFTWARE TESTING METHODOLOGIES	18	24	3
14JR1A05G1	RT4105B	HADOOP AND BIG DATA	20	32	3
14JR1A05G1	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
14JR1A05G1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
14JR1A05G1	RT4105N	SOFTWARE TESTING LAB	21	45	2
14JR1A05G1	RT4105O	HADOOP AND BIGDATA LAB	20	49	2
14JR1A05G2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	14	0
14JR1A05G2	RT41052	UML AND DESIGN PATTERNS	18	34	3
14JR1A05G2	RT41053	MOBILE COMPUTING	21	29	3
14JR1A05G2	RT41054	SOFTWARE TESTING METHODOLOGIES	20	31	3
14JR1A05G2	RT4105B	HADOOP AND BIG DATA	19	37	3
14JR1A05G2	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A05G2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
14JR1A05G2	RT4105N	SOFTWARE TESTING LAB	22	44	2
14JR1A05G2	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A05G3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	17	0
14JR1A05G3	RT41052	UML AND DESIGN PATTERNS	18	28	3
14JR1A05G3	RT41053	MOBILE COMPUTING	13	11	0
14JR1A05G3	RT41054	SOFTWARE TESTING METHODOLOGIES	15	29	3
14JR1A05G3	RT4105B	HADOOP AND BIG DATA	18	3	0
14JR1A05G3	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
14JR1A05G3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
14JR1A05G3	RT4105N	SOFTWARE TESTING LAB	18	43	2
14JR1A05G3	RT4105O	HADOOP AND BIGDATA LAB	20	48	2
14JR1A05G4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	32	3
14JR1A05G4	RT41052	UML AND DESIGN PATTERNS	27	44	3
14JR1A05G4	RT41053	MOBILE COMPUTING	24	40	3
14JR1A05G4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
14JR1A05G4	RT4105B	HADOOP AND BIG DATA	21	51	3
14JR1A05G4	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
14JR1A05G4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A05G4	RT4105N	SOFTWARE TESTING LAB	23	45	2
14JR1A05G4	RT4105O	HADOOP AND BIGDATA LAB	20	50	2
14JR1A05G5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
14JR1A05G5	RT41052	UML AND DESIGN PATTERNS	22	28	3
14JR1A05G5	RT41053	MOBILE COMPUTING	19	31	3
14JR1A05G5	RT41054	SOFTWARE TESTING METHODOLOGIES	26	26	3
14JR1A05G5	RT4105B	HADOOP AND BIG DATA	21	32	3
14JR1A05G5	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
14JR1A05G5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14JR1A05G5	RT4105N	SOFTWARE TESTING LAB	18	45	2
14JR1A05G5	RT4105O	HADOOP AND BIGDATA LAB	21	48	2

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05G6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	25	3
14JR1A05G6	RT41052	UML AND DESIGN PATTERNS	20	7	0
14JR1A05G6	RT41053	MOBILE COMPUTING	16	24	3
14JR1A05G6	RT41054	SOFTWARE TESTING METHODOLOGIES	16	33	3
14JR1A05G6	RT4105B	HADOOP AND BIG DATA	21	44	3
14JR1A05G6	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
14JR1A05G6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14JR1A05G6	RT4105N	SOFTWARE TESTING LAB	17	44	2
14JR1A05G6	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A05G7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	13	0
14JR1A05G7	RT41052	UML AND DESIGN PATTERNS	20	18	0
14JR1A05G7	RT41053	MOBILE COMPUTING	18	12	0
14JR1A05G7	RT41054	SOFTWARE TESTING METHODOLOGIES	18	15	0
14JR1A05G7	RT4105B	HADOOP AND BIG DATA	20	3	0
14JR1A05G7	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
14JR1A05G7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05G7	RT4105N	SOFTWARE TESTING LAB	18	45	2
14JR1A05G7	RT4105O	HADOOP AND BIGDATA LAB	20	50	2
14JR1A05G8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	35	3
14JR1A05G8	RT41052	UML AND DESIGN PATTERNS	20	30	3
14JR1A05G8	RT41053	MOBILE COMPUTING	16	24	3
14JR1A05G8	RT41054	SOFTWARE TESTING METHODOLOGIES	20	24	3
14JR1A05G8	RT4105B	HADOOP AND BIG DATA	19	27	3
14JR1A05G8	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05G8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
14JR1A05G8	RT4105N	SOFTWARE TESTING LAB	23	48	2
14JR1A05G8	RT4105O	HADOOP AND BIGDATA LAB	21	50	2
14JR1A05G9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	41	3
14JR1A05G9	RT41052	UML AND DESIGN PATTERNS	25	33	3
14JR1A05G9	RT41053	MOBILE COMPUTING	22	35	3
14JR1A05G9	RT41054	SOFTWARE TESTING METHODOLOGIES	24	38	3
14JR1A05G9	RT4105B	HADOOP AND BIG DATA	23	38	3
14JR1A05G9	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
14JR1A05G9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14JR1A05G9	RT4105N	SOFTWARE TESTING LAB	24	49	2
14JR1A05G9	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
14JR1A05H1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
14JR1A05H1	RT41052	UML AND DESIGN PATTERNS	22	39	3
14JR1A05H1	RT41053	MOBILE COMPUTING	19	24	3
14JR1A05H1	RT41054	SOFTWARE TESTING METHODOLOGIES	20	29	3
14JR1A05H1	RT4105B	HADOOP AND BIG DATA	18	31	3
14JR1A05H1	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
14JR1A05H1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
14JR1A05H1	RT4105N	SOFTWARE TESTING LAB	24	42	2
14JR1A05H1	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR1A05H2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	28	3
14JR1A05H2	RT41052	UML AND DESIGN PATTERNS	20	38	3
14JR1A05H2	RT41053	MOBILE COMPUTING	18	13	0
14JR1A05H2	RT41054	SOFTWARE TESTING METHODOLOGIES	22	39	3
14JR1A05H2	RT4105B	HADOOP AND BIG DATA	20	9	0

Htno	Subcode	Subname	Internal	External	Credits
14JR1A05H2	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
14JR1A05H2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
14JR1A05H2	RT4105N	SOFTWARE TESTING LAB	19	44	2
14JR1A05H2	RT4105O	HADOOP AND BIGDATA LAB	19	50	2
14JR1A05H3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	32	3
14JR1A05H3	RT41052	UML AND DESIGN PATTERNS	18	34	3
14JR1A05H3	RT41053	MOBILE COMPUTING	20	31	3
14JR1A05H3	RT41054	SOFTWARE TESTING METHODOLOGIES	19	29	3
14JR1A05H3	RT4105B	HADOOP AND BIG DATA	20	41	3
14JR1A05H3	RT4105L	UML AND DESIGN PATTERNS LAB	17	46	2
14JR1A05H3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	47	2
14JR1A05H3	RT4105N	SOFTWARE TESTING LAB	19	44	2
14JR1A05H3	RT4105O	HADOOP AND BIGDATA LAB	19	50	2
14JR1A05H5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	36	3
14JR1A05H5	RT41052	UML AND DESIGN PATTERNS	20	28	3
14JR1A05H5	RT41053	MOBILE COMPUTING	17	26	3
14JR1A05H5	RT41054	SOFTWARE TESTING METHODOLOGIES	22	35	3
14JR1A05H5	RT4105B	HADOOP AND BIG DATA	20	35	3
14JR1A05H5	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
14JR1A05H5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
14JR1A05H5	RT4105N	SOFTWARE TESTING LAB	22	45	2
14JR1A05H5	RT4105O	HADOOP AND BIGDATA LAB	21	48	2
14JR1A05H6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	28	3
14JR1A05H6	RT41052	UML AND DESIGN PATTERNS	24	44	3
14JR1A05H6	RT41053	MOBILE COMPUTING	22	31	3
14JR1A05H6	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
14JR1A05H6	RT4105B	HADOOP AND BIG DATA	22	30	3
14JR1A05H6	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
14JR1A05H6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
14JR1A05H6	RT4105N	SOFTWARE TESTING LAB	23	47	2
14JR1A05H6	RT4105O	HADOOP AND BIGDATA LAB	21	49	2
14JR5A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	38	3
14JR5A0205	RT41022	HVAC AND DC TRANSMISSION	12	13	0
14JR5A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	30	3
14JR5A0205	RT41025	INSTRUMENTATION	11	32	3
14JR5A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	12	16	0
14JR5A0209	RT41025	INSTRUMENTATION	16	31	3
14JR5A0422	RT4104A	OPTICAL COMMUNICATION	14	24	0
14JR5A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	25	3
15JR5A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	21	46	3
15JR5A0101	RT41012	PRESTRESSED CONCRETE	19	24	3
15JR5A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	32	3
15JR5A0101	RT41014	WATER RESOURCES ENGINEERING - II	17	24	3
15JR5A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	38	3
15JR5A0101	RT41017	AIR POLLUTION AND CONTROL	23	25	3
15JR5A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
15JR5A0101	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	24	30	3
15JR5A0102	RT41012	PRESTRESSED CONCRETE	24	44	3
15JR5A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	32	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0102	RT41014	WATER RESOURCES ENGINEERING - II	23	37	3
15JR5A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	33	3
15JR5A0102	RT41017	AIR POLLUTION AND CONTROL	24	28	3
15JR5A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15JR5A0102	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	22	60	3
15JR5A0103	RT41012	PRESTRESSED CONCRETE	23	41	3
15JR5A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	26	3
15JR5A0103	RT41014	WATER RESOURCES ENGINEERING - II	24	34	3
15JR5A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	47	3
15JR5A0103	RT41017	AIR POLLUTION AND CONTROL	22	36	3
15JR5A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
15JR5A0103	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	23	40	3
15JR5A0104	RT41012	PRESTRESSED CONCRETE	24	11	0
15JR5A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	50	3
15JR5A0104	RT41014	WATER RESOURCES ENGINEERING - II	24	27	3
15JR5A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	35	3
15JR5A0104	RT41017	AIR POLLUTION AND CONTROL	24	36	3
15JR5A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15JR5A0104	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	20	55	3
15JR5A0105	RT41012	PRESTRESSED CONCRETE	22	33	3
15JR5A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	29	3
15JR5A0105	RT41014	WATER RESOURCES ENGINEERING - II	19	28	3
15JR5A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	40	3
15JR5A0105	RT41017	AIR POLLUTION AND CONTROL	23	31	3
15JR5A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
15JR5A0105	RT4101M	GIS AND CAD LAB	22	46	2
15JR5A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	21	37	3
15JR5A0107	RT41012	PRESTRESSED CONCRETE	22	42	3
15JR5A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	40	3
15JR5A0107	RT41014	WATER RESOURCES ENGINEERING - II	20	33	3
15JR5A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	35	3
15JR5A0107	RT41017	AIR POLLUTION AND CONTROL	24	41	3
15JR5A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15JR5A0107	RT4101M	GIS AND CAD LAB	22	47	2
15JR5A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	25	46	3
15JR5A0108	RT41012	PRESTRESSED CONCRETE	22	41	3
15JR5A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	28	3
15JR5A0108	RT41014	WATER RESOURCES ENGINEERING - II	21	25	3
15JR5A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	44	3
15JR5A0108	RT41017	AIR POLLUTION AND CONTROL	17	32	3
15JR5A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	47	2
15JR5A0108	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	25	43	3
15JR5A0109	RT41012	PRESTRESSED CONCRETE	25	45	3
15JR5A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	60	3
15JR5A0109	RT41014	WATER RESOURCES ENGINEERING - II	23	54	3
15JR5A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	37	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0109	RT41017	AIR POLLUTION AND CONTROL	21	40	3
15JR5A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	46	2
15JR5A0109	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	26	60	3
15JR5A0110	RT41012	PRESTRESSED CONCRETE	21	17	0
15JR5A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	43	3
15JR5A0110	RT41014	WATER RESOURCES ENGINEERING - II	22	29	3
15JR5A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	31	3
15JR5A0110	RT41017	AIR POLLUTION AND CONTROL	18	41	3
15JR5A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15JR5A0110	RT4101M	GIS AND CAD LAB	24	49	2
15JR5A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	23	37	3
15JR5A0111	RT41012	PRESTRESSED CONCRETE	18	43	3
15JR5A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	29	3
15JR5A0111	RT41014	WATER RESOURCES ENGINEERING - II	21	42	3
15JR5A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	38	3
15JR5A0111	RT41017	AIR POLLUTION AND CONTROL	18	32	3
15JR5A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15JR5A0111	RT4101M	GIS AND CAD LAB	22	46	2
15JR5A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	23	52	3
15JR5A0112	RT41012	PRESTRESSED CONCRETE	27	45	3
15JR5A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	41	3
15JR5A0112	RT41014	WATER RESOURCES ENGINEERING - II	24	33	3
15JR5A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	44	3
15JR5A0112	RT41017	AIR POLLUTION AND CONTROL	21	51	3
15JR5A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
15JR5A0112	RT4101M	GIS AND CAD LAB	24	48	2
15JR5A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	22	41	3
15JR5A0113	RT41012	PRESTRESSED CONCRETE	23	37	3
15JR5A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	54	3
15JR5A0113	RT41014	WATER RESOURCES ENGINEERING - II	24	45	3
15JR5A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	38	3
15JR5A0113	RT41017	AIR POLLUTION AND CONTROL	19	36	3
15JR5A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
15JR5A0113	RT4101M	GIS AND CAD LAB	24	48	2
15JR5A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	26	66	3
15JR5A0114	RT41012	PRESTRESSED CONCRETE	27	31	3
15JR5A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	64	3
15JR5A0114	RT41014	WATER RESOURCES ENGINEERING - II	24	51	3
15JR5A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	47	3
15JR5A0114	RT41017	AIR POLLUTION AND CONTROL	20	58	3
15JR5A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15JR5A0114	RT4101M	GIS AND CAD LAB	23	47	2
15JR5A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	65	3
15JR5A0201	RT41022	HVAC AND DC TRANSMISSION	21	41	3
15JR5A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	50	3
15JR5A0201	RT41025	INSTRUMENTATION	16	57	3
15JR5A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	41	3
15JR5A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15JR5A0201	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0201	RT4102N	POWER SYSTEMS LAB	24	49	2
15JR5A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	43	3
15JR5A0202	RT41022	HVAC AND DC TRANSMISSION	22	37	3
15JR5A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	38	3
15JR5A0202	RT41025	INSTRUMENTATION	18	28	3
15JR5A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	25	3
15JR5A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15JR5A0202	RT4102M	ELECTRICAL SIMULATION LAB	21	44	2
15JR5A0202	RT4102N	POWER SYSTEMS LAB	21	45	2
15JR5A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	44	3
15JR5A0203	RT41022	HVAC AND DC TRANSMISSION	21	38	3
15JR5A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	61	3
15JR5A0203	RT41025	INSTRUMENTATION	18	40	3
15JR5A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	51	3
15JR5A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15JR5A0203	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15JR5A0203	RT4102N	POWER SYSTEMS LAB	23	50	2
15JR5A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	41	3
15JR5A0204	RT41022	HVAC AND DC TRANSMISSION	23	26	3
15JR5A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	60	3
15JR5A0204	RT41025	INSTRUMENTATION	18	41	3
15JR5A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	31	3
15JR5A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15JR5A0204	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15JR5A0204	RT4102N	POWER SYSTEMS LAB	23	49	2
15JR5A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	56	3
15JR5A0205	RT41022	HVAC AND DC TRANSMISSION	23	40	3
15JR5A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	56	3
15JR5A0205	RT41025	INSTRUMENTATION	21	50	3
15JR5A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	45	3
15JR5A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15JR5A0205	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15JR5A0205	RT4102N	POWER SYSTEMS LAB	23	48	2
15JR5A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	53	3
15JR5A0206	RT41022	HVAC AND DC TRANSMISSION	24	38	3
15JR5A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	42	3
15JR5A0206	RT41025	INSTRUMENTATION	20	52	3
15JR5A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	33	3
15JR5A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JR5A0206	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2
15JR5A0206	RT4102N	POWER SYSTEMS LAB	22	46	2
15JR5A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	45	3
15JR5A0207	RT41022	HVAC AND DC TRANSMISSION	23	38	3
15JR5A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	54	3
15JR5A0207	RT41025	INSTRUMENTATION	21	40	3
15JR5A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	40	3
15JR5A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
15JR5A0207	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15JR5A0207	RT4102N	POWER SYSTEMS LAB	22	48	2
15JR5A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0208	RT41022	HVAC AND DC TRANSMISSION	21	35	3
15JR5A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	46	3
15JR5A0208	RT41025	INSTRUMENTATION	19	50	3
15JR5A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	36	3
15JR5A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JR5A0208	RT4102M	ELECTRICAL SIMULATION LAB	22	48	2
15JR5A0208	RT4102N	POWER SYSTEMS LAB	22	46	2
15JR5A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	60	3
15JR5A0209	RT41022	HVAC AND DC TRANSMISSION	23	39	3
15JR5A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	46	3
15JR5A0209	RT41025	INSTRUMENTATION	18	43	3
15JR5A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
15JR5A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15JR5A0209	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
15JR5A0209	RT4102N	POWER SYSTEMS LAB	24	49	2
15JR5A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	50	3
15JR5A0210	RT41022	HVAC AND DC TRANSMISSION	20	29	3
15JR5A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	30	3
15JR5A0210	RT41025	INSTRUMENTATION	18	32	3
15JR5A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	26	3
15JR5A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JR5A0210	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
15JR5A0210	RT4102N	POWER SYSTEMS LAB	21	48	2
15JR5A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	42	3
15JR5A0211	RT41022	HVAC AND DC TRANSMISSION	20	32	3
15JR5A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	39	3
15JR5A0211	RT41025	INSTRUMENTATION	17	35	3
15JR5A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	35	3
15JR5A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
15JR5A0211	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
15JR5A0211	RT4102N	POWER SYSTEMS LAB	22	48	2
15JR5A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	43	3
15JR5A0213	RT41022	HVAC AND DC TRANSMISSION	24	28	3
15JR5A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	65	3
15JR5A0213	RT41025	INSTRUMENTATION	19	50	3
15JR5A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	44	3
15JR5A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
15JR5A0213	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15JR5A0213	RT4102N	POWER SYSTEMS LAB	24	47	2
15JR5A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	70	3
15JR5A0214	RT41022	HVAC AND DC TRANSMISSION	25	51	3
15JR5A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	61	3
15JR5A0214	RT41025	INSTRUMENTATION	22	64	3
15JR5A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	50	3
15JR5A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15JR5A0214	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15JR5A0214	RT4102N	POWER SYSTEMS LAB	25	46	2
15JR5A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
15JR5A0215	RT41022	HVAC AND DC TRANSMISSION	23	50	3
15JR5A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	39	3



Htno	Subcode	Subname	Internal	External	Credits
15JR5A0215	RT41025	INSTRUMENTATION	23	50	3
15JR5A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
15JR5A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15JR5A0215	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15JR5A0215	RT4102N	POWER SYSTEMS LAB	22	48	2
15JR5A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
15JR5A0216	RT41022	HVAC AND DC TRANSMISSION	21	40	3
15JR5A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	60	3
15JR5A0216	RT41025	INSTRUMENTATION	11	43	3
15JR5A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	45	3
15JR5A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15JR5A0216	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
15JR5A0216	RT4102N	POWER SYSTEMS LAB	21	48	2
15JR5A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	65	3
15JR5A0217	RT41022	HVAC AND DC TRANSMISSION	22	25	3
15JR5A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	70	3
15JR5A0217	RT41025	INSTRUMENTATION	22	49	3
15JR5A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	49	3
15JR5A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
15JR5A0217	RT4102M	ELECTRICAL SIMULATION LAB	22	47	2
15JR5A0217	RT4102N	POWER SYSTEMS LAB	22	47	2
15JR5A0301	RT41031	AUTOMOBILE ENGINEERING	19	45	3
15JR5A0301	RT41032	CAD CAM	20	10	0
15JR5A0301	RT41033	FINITE ELEMENT METHODS	20	24	3
15JR5A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
15JR5A0301	RT41035	MEMS	22	34	3
15JR5A0301	RT41039	AUTOMATION IN MANUFACTURING	20	41	3
15JR5A0301	RT4103L	SIMULATION LAB	24	49	2
15JR5A0301	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0302	RT41031	AUTOMOBILE ENGINEERING	18	44	3
15JR5A0302	RT41032	CAD CAM	19	39	3
15JR5A0302	RT41033	FINITE ELEMENT METHODS	19	36	3
15JR5A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	37	3
15JR5A0302	RT41035	MEMS	21	31	3
15JR5A0302	RT41039	AUTOMATION IN MANUFACTURING	16	38	3
15JR5A0302	RT4103L	SIMULATION LAB	23	49	2
15JR5A0302	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
15JR5A0303	RT41031	AUTOMOBILE ENGINEERING	20	18	0
15JR5A0303	RT41032	CAD CAM	27	32	3
15JR5A0303	RT41033	FINITE ELEMENT METHODS	24	24	3
15JR5A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	37	3
15JR5A0303	RT41035	MEMS	20	28	3
15JR5A0303	RT41039	AUTOMATION IN MANUFACTURING	20	30	3
15JR5A0303	RT4103L	SIMULATION LAB	24	49	2
15JR5A0303	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0304	RT41031	AUTOMOBILE ENGINEERING	19	37	3
15JR5A0304	RT41032	CAD CAM	24	41	3
15JR5A0304	RT41033	FINITE ELEMENT METHODS	25	42	3
15JR5A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	26	3
15JR5A0304	RT41035	MEMS	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0304	RT41039	AUTOMATION IN MANUFACTURING	16	24	3
15JR5A0304	RT4103L	SIMULATION LAB	24	49	2
15JR5A0304	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0305	RT41031	AUTOMOBILE ENGINEERING	19	45	3
15JR5A0305	RT41032	CAD CAM	23	46	3
15JR5A0305	RT41033	FINITE ELEMENT METHODS	25	37	3
15JR5A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	44	3
15JR5A0305	RT41035	MEMS	23	43	3
15JR5A0305	RT41039	AUTOMATION IN MANUFACTURING	20	59	3
15JR5A0305	RT4103L	SIMULATION LAB	25	49	2
15JR5A0305	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
15JR5A0306	RT41031	AUTOMOBILE ENGINEERING	21	37	3
15JR5A0306	RT41032	CAD CAM	22	42	3
15JR5A0306	RT41033	FINITE ELEMENT METHODS	22	24	3
15JR5A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	41	3
15JR5A0306	RT41035	MEMS	26	38	3
15JR5A0306	RT41039	AUTOMATION IN MANUFACTURING	17	42	3
15JR5A0306	RT4103L	SIMULATION LAB	23	49	2
15JR5A0306	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0307	RT41031	AUTOMOBILE ENGINEERING	16	37	3
15JR5A0307	RT41032	CAD CAM	23	35	3
15JR5A0307	RT41033	FINITE ELEMENT METHODS	23	31	3
15JR5A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15JR5A0307	RT41035	MEMS	22	33	3
15JR5A0307	RT41039	AUTOMATION IN MANUFACTURING	20	33	3
15JR5A0307	RT4103L	SIMULATION LAB	25	49	2
15JR5A0307	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15JR5A0308	RT41031	AUTOMOBILE ENGINEERING	16	40	3
15JR5A0308	RT41032	CAD CAM	21	32	3
15JR5A0308	RT41033	FINITE ELEMENT METHODS	20	45	3
15JR5A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	39	3
15JR5A0308	RT41035	MEMS	19	33	3
15JR5A0308	RT41039	AUTOMATION IN MANUFACTURING	16	30	3
15JR5A0308	RT4103L	SIMULATION LAB	23	49	2
15JR5A0308	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0309	RT41031	AUTOMOBILE ENGINEERING	18	43	3
15JR5A0309	RT41032	CAD CAM	22	38	3
15JR5A0309	RT41033	FINITE ELEMENT METHODS	19	24	3
15JR5A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	45	3
15JR5A0309	RT41035	MEMS	20	39	3
15JR5A0309	RT41039	AUTOMATION IN MANUFACTURING	16	46	3
15JR5A0309	RT4103L	SIMULATION LAB	23	49	2
15JR5A0309	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
15JR5A0310	RT41031	AUTOMOBILE ENGINEERING	20	52	3
15JR5A0310	RT41032	CAD CAM	25	43	3
15JR5A0310	RT41033	FINITE ELEMENT METHODS	21	36	3
15JR5A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	39	3
15JR5A0310	RT41035	MEMS	21	38	3
15JR5A0310	RT41039	AUTOMATION IN MANUFACTURING	24	46	3
15JR5A0310	RT4103L	SIMULATION LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0310	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0311	RT41031	AUTOMOBILE ENGINEERING	21	24	3
15JR5A0311	RT41032	CAD CAM	24	35	3
15JR5A0311	RT41033	FINITE ELEMENT METHODS	19	27	3
15JR5A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	32	3
15JR5A0311	RT41035	MEMS	18	39	3
15JR5A0311	RT41039	AUTOMATION IN MANUFACTURING	17	32	3
15JR5A0311	RT4103L	SIMULATION LAB	23	49	2
15JR5A0311	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0312	RT41031	AUTOMOBILE ENGINEERING	19	34	3
15JR5A0312	RT41032	CAD CAM	24	34	3
15JR5A0312	RT41033	FINITE ELEMENT METHODS	22	26	3
15JR5A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	45	3
15JR5A0312	RT41035	MEMS	26	34	3
15JR5A0312	RT41039	AUTOMATION IN MANUFACTURING	16	17	0
15JR5A0312	RT4103L	SIMULATION LAB	24	49	2
15JR5A0312	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0313	RT41031	AUTOMOBILE ENGINEERING	21	41	3
15JR5A0313	RT41032	CAD CAM	21	45	3
15JR5A0313	RT41033	FINITE ELEMENT METHODS	19	24	3
15JR5A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	44	3
15JR5A0313	RT41035	MEMS	21	39	3
15JR5A0313	RT41039	AUTOMATION IN MANUFACTURING	18	44	3
15JR5A0313	RT4103L	SIMULATION LAB	24	48	2
15JR5A0313	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0314	RT41031	AUTOMOBILE ENGINEERING	18	42	3
15JR5A0314	RT41032	CAD CAM	20	41	3
15JR5A0314	RT41033	FINITE ELEMENT METHODS	22	12	0
15JR5A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15JR5A0314	RT41035	MEMS	19	32	3
15JR5A0314	RT41039	AUTOMATION IN MANUFACTURING	16	45	3
15JR5A0314	RT4103L	SIMULATION LAB	24	49	2
15JR5A0314	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0315	RT41031	AUTOMOBILE ENGINEERING	21	35	3
15JR5A0315	RT41032	CAD CAM	22	37	3
15JR5A0315	RT41033	FINITE ELEMENT METHODS	23	26	3
15JR5A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	42	3
15JR5A0315	RT41035	MEMS	21	42	3
15JR5A0315	RT41039	AUTOMATION IN MANUFACTURING	18	32	3
15JR5A0315	RT4103L	SIMULATION LAB	23	49	2
15JR5A0315	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15JR5A0316	RT41031	AUTOMOBILE ENGINEERING	21	42	3
15JR5A0316	RT41032	CAD CAM	26	40	3
15JR5A0316	RT41033	FINITE ELEMENT METHODS	27	49	3
15JR5A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	43	3
15JR5A0316	RT41035	MEMS	27	32	3
15JR5A0316	RT41039	AUTOMATION IN MANUFACTURING	24	31	3
15JR5A0316	RT4103L	SIMULATION LAB	24	49	2
15JR5A0316	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0317	RT41031	AUTOMOBILE ENGINEERING	19	51	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0317	RT41032	CAD CAM	23	42	3
15JR5A0317	RT41033	FINITE ELEMENT METHODS	21	31	3
15JR5A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	52	3
15JR5A0317	RT41035	MEMS	22	41	3
15JR5A0317	RT41039	AUTOMATION IN MANUFACTURING	21	47	3
15JR5A0317	RT4103L	SIMULATION LAB	24	49	2
15JR5A0317	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15JR5A0401	RT41041	VLSI DESIGN	19	29	3
15JR5A0401	RT41042	COMPUTER NETWORKS	19	24	3
15JR5A0401	RT41043	DIGITAL IMAGE PROCESSING	19	33	3
15JR5A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	36	3
15JR5A0401	RT41045	ELECTRONIC SWITCHING SYSTEMS	17	33	3
15JR5A0401	RT4104A	OPTICAL COMMUNICATION	18	10	0
15JR5A0401	RT4104L	V L S I LAB	21	47	2
15JR5A0401	RT4104M	MICROWAVE ENGINEERING LAB	14	44	2
15JR5A0402	RT41041	VLSI DESIGN	23	27	3
15JR5A0402	RT41042	COMPUTER NETWORKS	21	17	0
15JR5A0402	RT41043	DIGITAL IMAGE PROCESSING	19	35	3
15JR5A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	34	3
15JR5A0402	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	29	3
15JR5A0402	RT4104A	OPTICAL COMMUNICATION	18	40	3
15JR5A0402	RT4104L	V L S I LAB	23	47	2
15JR5A0402	RT4104M	MICROWAVE ENGINEERING LAB	19	45	2
15JR5A0403	RT41041	VLSI DESIGN	18	24	3
15JR5A0403	RT41042	COMPUTER NETWORKS	21	36	3
15JR5A0403	RT41043	DIGITAL IMAGE PROCESSING	26	35	3
15JR5A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15JR5A0403	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	27	3
15JR5A0403	RT4104A	OPTICAL COMMUNICATION	16	24	3
15JR5A0403	RT4104L	V L S I LAB	21	47	2
15JR5A0403	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JR5A0404	RT41041	VLSI DESIGN	22	47	3
15JR5A0404	RT41042	COMPUTER NETWORKS	25	37	3
15JR5A0404	RT41043	DIGITAL IMAGE PROCESSING	21	31	3
15JR5A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	32	3
15JR5A0404	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	29	3
15JR5A0404	RT4104A	OPTICAL COMMUNICATION	22	28	3
15JR5A0404	RT4104L	V L S I LAB	23	49	2
15JR5A0404	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15JR5A0405	RT41041	VLSI DESIGN	18	24	3
15JR5A0405	RT41042	COMPUTER NETWORKS	15	25	3
15JR5A0405	RT41043	DIGITAL IMAGE PROCESSING	15	47	3
15JR5A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	34	3
15JR5A0405	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	35	3
15JR5A0405	RT4104A	OPTICAL COMMUNICATION	23	18	0
15JR5A0405	RT4104L	V L S I LAB	23	48	2
15JR5A0405	RT4104M	MICROWAVE ENGINEERING LAB	20	47	2
15JR5A0406	RT41041	VLSI DESIGN	25	33	3
15JR5A0406	RT41042	COMPUTER NETWORKS	21	33	3
15JR5A0406	RT41043	DIGITAL IMAGE PROCESSING	19	33	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	36	3
15JR5A0406	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	35	3
15JR5A0406	RT4104A	OPTICAL COMMUNICATION	21	49	3
15JR5A0406	RT4104L	V L S I LAB	23	47	2
15JR5A0406	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
15JR5A0407	RT41041	VLSI DESIGN	21	24	3
15JR5A0407	RT41042	COMPUTER NETWORKS	18	34	3
15JR5A0407	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
15JR5A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	53	3
15JR5A0407	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	31	3
15JR5A0407	RT4104A	OPTICAL COMMUNICATION	20	44	3
15JR5A0407	RT4104L	V L S I LAB	22	48	2
15JR5A0407	RT4104M	MICROWAVE ENGINEERING LAB	17	45	2
15JR5A0408	RT41041	VLSI DESIGN	22	41	3
15JR5A0408	RT41042	COMPUTER NETWORKS	26	33	3
15JR5A0408	RT41043	DIGITAL IMAGE PROCESSING	24	26	3
15JR5A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	37	3
15JR5A0408	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	36	3
15JR5A0408	RT4104A	OPTICAL COMMUNICATION	25	46	3
15JR5A0408	RT4104L	V L S I LAB	23	48	2
15JR5A0408	RT4104M	MICROWAVE ENGINEERING LAB	19	44	2
15JR5A0409	RT41041	VLSI DESIGN	20	30	3
15JR5A0409	RT41042	COMPUTER NETWORKS	22	39	3
15JR5A0409	RT41043	DIGITAL IMAGE PROCESSING	25	50	3
15JR5A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	37	3
15JR5A0409	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	37	3
15JR5A0409	RT4104A	OPTICAL COMMUNICATION	18	24	3
15JR5A0409	RT4104L	V L S I LAB	21	47	2
15JR5A0409	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JR5A0410	RT41041	VLSI DESIGN	23	64	3
15JR5A0410	RT41042	COMPUTER NETWORKS	26	37	3
15JR5A0410	RT41043	DIGITAL IMAGE PROCESSING	27	35	3
15JR5A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	35	3
15JR5A0410	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	35	3
15JR5A0410	RT4104A	OPTICAL COMMUNICATION	23	48	3
15JR5A0410	RT4104L	V L S I LAB	21	48	2
15JR5A0410	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JR5A0411	RT41041	VLSI DESIGN	22	27	3
15JR5A0411	RT41042	COMPUTER NETWORKS	25	48	3
15JR5A0411	RT41043	DIGITAL IMAGE PROCESSING	26	31	3
15JR5A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	55	3
15JR5A0411	RT41045	ELECTRONIC SWITCHING SYSTEMS	26	36	3
15JR5A0411	RT4104A	OPTICAL COMMUNICATION	23	54	3
15JR5A0411	RT4104L	V L S I LAB	23	48	2
15JR5A0411	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15JR5A0412	RT41041	VLSI DESIGN	21	39	3
15JR5A0412	RT41042	COMPUTER NETWORKS	25	26	3
15JR5A0412	RT41043	DIGITAL IMAGE PROCESSING	27	31	3
15JR5A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	31	3
15JR5A0412	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	29	3

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0412	RT4104A	OPTICAL COMMUNICATION	18	42	3
15JR5A0412	RT4104L	V L S I LAB	22	48	2
15JR5A0412	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15JR5A0414	RT41041	VLSI DESIGN	17	24	3
15JR5A0414	RT41042	COMPUTER NETWORKS	23	36	3
15JR5A0414	RT41043	DIGITAL IMAGE PROCESSING	25	39	3
15JR5A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	19	0
15JR5A0414	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	26	3
15JR5A0414	RT4104A	OPTICAL COMMUNICATION	17	24	3
15JR5A0414	RT4104L	V L S I LAB	18	42	2
15JR5A0414	RT4104M	MICROWAVE ENGINEERING LAB	15	44	2
15JR5A0415	RT41041	VLSI DESIGN	21	53	3
15JR5A0415	RT41042	COMPUTER NETWORKS	21	26	3
15JR5A0415	RT41043	DIGITAL IMAGE PROCESSING	24	34	3
15JR5A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	39	3
15JR5A0415	RT41045	ELECTRONIC SWITCHING SYSTEMS	25	33	3
15JR5A0415	RT4104A	OPTICAL COMMUNICATION	22	35	3
15JR5A0415	RT4104L	V L S I LAB	20	46	2
15JR5A0415	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
15JR5A0416	RT41041	VLSI DESIGN	23	32	3
15JR5A0416	RT41042	COMPUTER NETWORKS	23	39	3
15JR5A0416	RT41043	DIGITAL IMAGE PROCESSING	25	40	3
15JR5A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	14	0
15JR5A0416	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	34	3
15JR5A0416	RT4104A	OPTICAL COMMUNICATION	19	34	3
15JR5A0416	RT4104L	V L S I LAB	20	45	2
15JR5A0416	RT4104M	MICROWAVE ENGINEERING LAB	20	46	2
15JR5A0417	RT41041	VLSI DESIGN	26	40	3
15JR5A0417	RT41042	COMPUTER NETWORKS	22	29	3
15JR5A0417	RT41043	DIGITAL IMAGE PROCESSING	26	27	3
15JR5A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	50	3
15JR5A0417	RT41045	ELECTRONIC SWITCHING SYSTEMS	24	37	3
15JR5A0417	RT4104A	OPTICAL COMMUNICATION	21	48	3
15JR5A0417	RT4104L	V L S I LAB	22	47	2
15JR5A0417	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JR5A0418	RT41041	VLSI DESIGN	24	42	3
15JR5A0418	RT41042	COMPUTER NETWORKS	28	39	3
15JR5A0418	RT41043	DIGITAL IMAGE PROCESSING	23	67	3
15JR5A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	42	3
15JR5A0418	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	35	3
15JR5A0418	RT4104A	OPTICAL COMMUNICATION	22	35	3
15JR5A0418	RT4104L	V L S I LAB	21	49	2
15JR5A0418	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15JR5A0419	RT41041	VLSI DESIGN	27	34	3
15JR5A0419	RT41042	COMPUTER NETWORKS	23	37	3
15JR5A0419	RT41043	DIGITAL IMAGE PROCESSING	22	33	3
15JR5A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	32	3
15JR5A0419	RT41045	ELECTRONIC SWITCHING SYSTEMS	23	32	3
15JR5A0419	RT4104A	OPTICAL COMMUNICATION	22	24	3
15JR5A0419	RT4104L	V L S I LAB	21	47	2

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0419	RT4104M	MICROWAVE ENGINEERING LAB	20	50	2
15JR5A0420	RT41041	VLSI DESIGN	21	24	3
15JR5A0420	RT41042	COMPUTER NETWORKS	20	40	3
15JR5A0420	RT41043	DIGITAL IMAGE PROCESSING	22	42	3
15JR5A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	31	3
15JR5A0420	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	36	3
15JR5A0420	RT4104A	OPTICAL COMMUNICATION	19	30	3
15JR5A0420	RT4104L	V L S I LAB	20	45	2
15JR5A0420	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JR5A0421	RT41041	VLSI DESIGN	22	26	3
15JR5A0421	RT41042	COMPUTER NETWORKS	17	16	0
15JR5A0421	RT41043	DIGITAL IMAGE PROCESSING	28	11	0
15JR5A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	9	0
15JR5A0421	RT41045	ELECTRONIC SWITCHING SYSTEMS	22	25	3
15JR5A0421	RT4104A	OPTICAL COMMUNICATION	18	24	3
15JR5A0421	RT4104L	V L S I LAB	18	45	2
15JR5A0421	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15JR5A0422	RT41041	VLSI DESIGN	19	19	0
15JR5A0422	RT41042	COMPUTER NETWORKS	16	18	0
15JR5A0422	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
15JR5A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	21	0
15JR5A0422	RT41045	ELECTRONIC SWITCHING SYSTEMS	21	24	3
15JR5A0422	RT4104A	OPTICAL COMMUNICATION	13	19	0
15JR5A0422	RT4104L	V L S I LAB	20	46	2
15JR5A0422	RT4104M	MICROWAVE ENGINEERING LAB	20	49	2
15JR5A0423	RT41041	VLSI DESIGN	20	48	3
15JR5A0423	RT41042	COMPUTER NETWORKS	19	24	3
15JR5A0423	RT41043	DIGITAL IMAGE PROCESSING	17	28	3
15JR5A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	26	3
15JR5A0423	RT41045	ELECTRONIC SWITCHING SYSTEMS	19	29	3
15JR5A0423	RT4104A	OPTICAL COMMUNICATION	14	31	3
15JR5A0423	RT4104L	V L S I LAB	24	48	2
15JR5A0423	RT4104M	MICROWAVE ENGINEERING LAB	20	49	2
15JR5A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15JR5A0501	RT41052	UML AND DESIGN PATTERNS	23	40	3
15JR5A0501	RT41053	MOBILE COMPUTING	24	30	3
15JR5A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	23	38	3
15JR5A0501	RT4105B	HADOOP AND BIG DATA	19	56	3
15JR5A0501	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15JR5A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15JR5A0501	RT4105N	SOFTWARE TESTING LAB	23	46	2
15JR5A0501	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15JR5A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	49	3
15JR5A0502	RT41052	UML AND DESIGN PATTERNS	23	38	3
15JR5A0502	RT41053	MOBILE COMPUTING	24	33	3
15JR5A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	24	32	3
15JR5A0502	RT4105B	HADOOP AND BIG DATA	26	46	3
15JR5A0502	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15JR5A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15JR5A0502	RT4105N	SOFTWARE TESTING LAB	22	45	2

Htno	Subcode	Subname	Internal	External	Credits
15JR5A0502	RT4105O	HADOOP AND BIGDATA LAB	23	46	2

\*\*NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 04-01-2018]

\*\*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:23-12-2017

*N. Mohan Rao*  
Controller of Examinations